Preliminary Site Investigation Report

Bend Boulevard Extension

Between 3rd Street and 7th Street

East Moline, Rock Island County, Illinois

CONFIDENTIAL

May 6, 2026
Terracon Project No. 11247243B

Prepared for:

Crawford, Murphy & Tilly, Inc.
Peoria, Illinois

Prepared by:

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May 6, 2026

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Re: Preliminary Site Investigation Report
Bend Boulevard Extension
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Terracon Project No. 11247243B

Dear Ms. Munday:

Terracon Consultants, Inc. (Terracon) is pleased to provide you with this Preliminary Site Investigation Report (PSI) for the above-referenced project. The PSI was prepared in accordance with the Terracon Proposal No. P11247381A-R, dated March 7, 2025, authorized on April 11, 2025.This PSI report was updated based on information provided in emails from Crawford, Murphy, & Tilly, Inc. and the city of East Moline from January 20, 2026 to April 29, 2026 and teleconferences conducted on November 21, 2025 and April 7, 2026.

Please note this PSI report employs similar formatting to PSI reports issued to the Illinois Department of Transportation by Terracon.

Terracon appreciates the opportunity to be of service to Crawford, Murphy & Tilly, Inc. Please contact us if you have any questions and/or comments.

Sincerely,
Terracon Consultants, Inc.

Amy Worley-Peterson
Field Scientist

Richard O'Brien, P.E.
Senior Environmental Engineer

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PRELIMINARY SITE INVESTIGATION REPORT
BEND BOULEVARD EXTENSION
BETWEEN 3RD STREET AND 7TH STREET

EAST MOLINE, ROCK ISLAND COUNTY, ILLINOIS

Terracon Project No. 11247243B
May 6, 2026

1.0 INTRODUCTION

Terracon Consultants, Inc. (Terracon) was retained by Crawford, Murphy & Tilly, Inc. (CMT) to conduct a Preliminary Site Investigation (PSI) of three potential waste sites between 3rd Street and 7th Street in East Moline, Rock Island County, Illinois. This PSI report was prepared pursuant to Terracon Proposal No. P11247381A-R, dated March 7, 2025, which was approved by CMT on April 11, 2025. A site location map is provided as Figure 1 and the Preliminary Environmental Site Assessment (PESA) regulated substance management areas are shown in Figures 3 through 8 of the Figures section of the report.

The purpose of this PSI is to evaluate environmental conditions at select locations within the proposed construction area to determine potential environmental impacts to soil and groundwater (if encountered), and to evaluate how the potential impacts may affect the proposed construction activities. The scope of this investigation, as defined by the CMT-approved Terracon Proposal, includes the following:

- Determine the nature of soil contamination within the right-of-way (ROW) areas and evaluate the nature of groundwater contamination, if encountered, in the uppermost groundwater unit.
- Assess the potential for the release of contaminants resulting from the proposed construction activities within the project area that may necessitate special handling of soil and/or groundwater, if encountered during construction.
- Based on the results of the soil and/or groundwater chemical analyses, prepare a Preliminary Site Investigation Report with findings, conclusions, and recommendations which include a waste management scope of work.
- Evaluate the potential for contaminant migration within the ROW areas. Present recommendations for reducing or eliminating such migration, if necessary.

2.0 SITE BACKGROUND

A total of 16 sites were evaluated by CMT in the PESA dated October 31, 2024. The PESA identified 7 sites with recognized environmental conditions (RECs) or controlled RECs (CRECs), and 9 sites with *de minimis* conditions. Conclusory recommendations of the PESA included PSIs at the entire proposed construction area. A summary of the properties that contained RECs and were requested for evaluation in this PSI is provided in Table 2-1. PESA sites 6 and 7 were evaluated with borings placed on site 5.

Table 2-1 Summary of PESA Sites with RECs

Site No.	RECs	Site Name/Address	Land Use
5	REC – Soil and groundwater contamination present above Tier 1 Remediation Objectives (ROs)	Former Case Plant/Vacant Lot 1100 3rd Street East Moline, Illinois	Industrial
6	REC – Suspected soil contamination and active use of large amounts of chemicals.	G-Mac Automatic Door and Hardware 695 7th Street East Moline, Illinois	Industrial
7	REC – Historical industrial use and potential soil contamination from adjacent Case Plant.	Barnhart Crane and Rigging 801 7th Street East Moline, Illinois	Industrial

Background information on the sites was referenced directly from the CMT PESA report, portions of which are included in Appendix E. It should be noted that evaluation of potential asbestos containing materials (ACM) and lead-based paint in privately-owned structures is beyond the scope of this PSI.

2.1 Project Area Geology and Topography

According to CMT PESA report, the topmost bedrock unit in the study area is mapped as Muscatatuck Group, which in this area consists primarily of shales and limestones. The total thickness of the surficial deposits is less than 25 feet.

According to Natural Resources Conservation Service (NRCS) soil mapping, the project area is mapped as primarily 802B, Orthents, loamy, undulating, with a Class C hydrologic group, and reported as having moderate infiltration rates with deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

The north and east edges of the project area are also mapped in the following soil units: 1107A, Sawmill silty clay loam, undrained, 0 to 2 percent slopes, frequently flooded, a hydric soil with a Class B/D hydrologic group; 430A, Raddle silt loam, 0 to 2 percent slopes, with a Class B hydrologic group; and 7083A, Wabash silty clay, 0 to 2 percent slopes, rarely flooded, a hydric soil. Hydrologic group B is reported as having moderate infiltration rates with deep and moderately deep, moderately well and well drained soils with moderately fine to coarse textures, and group D is reported as having very slow infiltration rates with soils either high in clay content, with a high permanent water table, or shallow soils over nearly impervious material.

According to the CMT PESA report, storm water that falls within the developed portions of the project area generally flows to roadside storm drains. For the undeveloped portion of the project area, Site 5, the levee prevents natural runoff directly to the river. Surface water runoff is directed by below-grade pump wells. When the river is low, surface water drains via gravity to the river through conveyance outfalls near pump houses. When the river is high, the gates on the gravity drain conveyances are closed and surface water is pumped from the pump houses into the river through separate conveyance outfalls. Groundwater within the region likely flows westerly and northernly toward the Mississippi River, according to groundwater elevations measured by Arcadis in 2009.

The boring logs in Appendix A detail the observed soil stratigraphy. In general, silty clay fill, silty clay, sand, silt, and/or sandy silty clay was encountered in the soil borings. Groundwater was encountered during the sampling event at various locations, ranging from approximately 4 to 11.5 feet below ground surface (bgs); however, sufficient water to obtain a groundwater sample only accumulated at three borings.

3.0 FIELD INVESTIGATION PROCEDURES

The following sections describe the detailed approach of the PSI. Terracon conducted the fieldwork under a health and safety plan developed for this project. Work was performed using United States Environmental Protection Agency (USEPA) Level D work personal protective equipment consisting of hard hats, safety glasses, protective gloves, and protective boots. Terracon contacted the Joint Utility Locating Information for Excavators (JULIE) public utility locator and arranged for public underground utilities to be located before commencing intrusive activities at the site. Additionally, because of the potential extensive number of underground utilities generally observed in the project areas, a private utility locate was conducted by in-house locators as approved in the proposal.

3.1 Soil Boring and Sampling Procedures

Terracon conducted the following activities to evaluate soil within the proposed construction areas identified in the approved proposal. After receiving authorization to proceed, Terracon mobilized to the site to conduct the investigation activities. A total of

29 soil borings were advanced to evaluate the nature and extent of potential contamination in the ROW areas where construction excavations will take place.

Soil borings were located to coincide with the proposed construction excavation work area. Individual locations were modified in the field by the field team leader based on observation of utilities marked by JULIE, the private utility locate, or the accessibility of various areas of the site. Soil borings were advanced to the proposed depth of construction or refusal (whichever came first). Boring locations are shown on Figures 3 through 8.

Borings were logged in the field by a Terracon field professional. Soil samples were collected from each boring location to characterize soil conditions and evaluate contaminant nature in the project area. Soil samples were collected continuously with a 5-foot Dual Tube sampler equipped with a disposable acetate or polyvinyl chloride (PVC) liner. The samples were field-screened with a photoionization detector (PID) in approximate 2-foot intervals. Four soil borings, 5-B04, 5-B08, 5-B16, and 5-B24, had field PID readings above ambient background. Within the anticipated construction excavation depth, one soil sample was collected from each 2-, 4-, or 7-foot sampling interval as applicable. Samples were selected for laboratory analysis from the middle of each sampling interval.

To prevent loss of potential contaminants from samples, field personnel followed proper sampling and handling procedures. Samples were transferred in the field from the sampling equipment directly to the laboratory prepared sample containers. Sample container preservation protocols followed established procedures for the parameters being tested. Soil samples for volatile organic compound (VOC) analysis were obtained using USEPA SW-846 Method 5035. Soil samples were placed into laboratory-provided glassware on ice in a cooler and submitted to Eurofins Chicago (Eurofins), a National Environmental Laboratory Accreditation Program (NELAP)-accredited laboratory for chemical analyses. A summary of the soil sampling results is provided in Appendix C.

A total of 63 soil samples, including 6 duplicate samples (approximately one duplicate per ten investigation samples), were collected from the 29 borings outlined in the proposal. The site investigation soil samples were analyzed for VOCs, semi-volatile organic compounds (SVOCs), total cyanide, the Target Analyte List (TAL) total inorganics (excluding aluminum, calcium, potassium, and sodium), total cyanide, pesticides (shallow samples only), polychlorinated biphenyls (PCBs) (shallow samples only), and pH. Individual samples were further analyzed for toxicity characteristic leaching procedure (TCLP) and synthetic precipitation leaching procedure (SPLP), based on results of the total analysis and TCLP results, respectively.

Prior to initiating field activities, the drill rig was decontaminated in accordance with approved Standard Operating Procedures (SOPs). Sampling equipment was cleaned

before beginning the investigation and between each sampling point using a non-phosphate soap wash followed by a potable water rinse.

Soil cuttings were returned to the borehole in the approximate vertical interval they came from. Expendable materials utilized in the investigation were decontaminated in the field and disposed of as general refuse. A summary of the soil boring program and laboratory analyses performed is shown in Table 3-1.

3.2 Groundwater Sampling Procedures

On May 21 and May 22, 2025, Terracon installed three temporary groundwater monitoring wells at the site. Each monitoring well was advanced to approximately 12 feet bgs. Each monitoring well was constructed with one-inch diameter PVC screen with riser and surrounded with a sand pack. Groundwater accumulated in the wells during the drilling mobilization for wells TMW-5-B08, TMW-5-B15, and TMW-5-B22. Terracon returned to the wells on May 28, 2025, and purged the wells for subsequent groundwater sampling. Additional samples for metals were collected using a 0.45-micron inline field filter to determine dissolved concentrations. Sufficient groundwater accumulated at TMW-5-B15 to sample VOCs, but not SVOCs or metals.

Following collection of the groundwater samples, the PVC wells were removed, and boreholes were backfilled with soil cuttings and supplemented with bentonite to six inches below the surface grade. The surface was finished to match the surface material to the extent practical.

Groundwater samples were submitted to the analytical laboratory for VOCs, SVOCs, and TAL inorganics (excluding aluminum, calcium, potassium, and sodium). The samples were placed into laboratory-provided glassware on ice in a cooler and submitted to Eurofins, a NELAP-accredited laboratory, for chemical analyses. One trip blank, supplied by the analytical laboratory, was included in the cooler where VOC samples were transported to evaluate the potential for cross contamination during transit. The trip blank was analyzed for VOCs with the investigation samples. If detections of VOCs were identified in the trip blank, the quality of the investigation data set would be evaluated.

4.0 FIELD INVESTIGATION RESULTS

Soil analytical results were compared to the most stringent Maximum Allowable Concentrations (MACs) outlined in Title 35 of the Illinois Administrative Code Part 1100 (35 IAC 1100) and to the Tiered Approach to Corrective Action Objectives (TACO) soil remediation objectives (ROs) for ingestion and inhalation exposure pathways outlined in 35 IAC 742. The site is located in an MSA County and within a populated area (East Moline) as defined in 35 IAC 742.

Constituents in soil are considered as contaminants of concern (COCs) during construction if one or more of the following criteria are met:

- The constituent exceeds the appropriate MAC;
- The constituent exceeds the ingestion or inhalation exposure routes for the residential occupant or construction worker populations defined in 35 IAC 742;
- For constituents that may be evaluated by comparing extraction results (TCLP or SPLP), as indicated in the MAC Table from Part 1100, the constituent is a contaminant of concern if the total concentration exceeds the MAC value, and both the TCLP value and the SPLP value exceed the RO for the Soil Component of the Groundwater Ingestion Exposure Route for Class I groundwater; or,
- For constituents that may be evaluated by comparing extraction results (TCLP or SPLP), as indicated in the MAC Table from Part 1100, the constituent is a contaminant of concern if the total concentration is below the MAC value, but both the TCLP value and the SPLP value exceed the RO for the Soil Component of the Groundwater Ingestion Exposure Route for Class I groundwater.

The PID readings of the soil samples are provided in Table 4-1. Elevated PID readings were detected in soil borings: 5-B04, 5-B08, 5-B16, and 5-B24.

4.1 Site #5 (Former Case Plant/Vacant Lot)

Terracon advanced a total of 29 soil borings at PESA site #5 up to a maximum depth of 12 feet bgs. Soil samples for field screening and analytical testing were collected from the 1 to 5-foot bgs interval for all soil borings, with the exception of boring 5-B02 which was collected only from the 1 to 3-foot bgs interval, and from the 5 to 12-foot bgs intervals for all soil borings with the exception of boring 5-B01 which was collected from the 5 to 7-foot bgs interval, 5-B14 which was collected from the 5 to 8-foot bgs interval, and 5-B16 which was collected from the 5 to 9-foot bgs interval. Duplicate soil samples were collected from borings 5-B05, 5-B10, 5-B15, 5-B20, 5-B25, and 5-B28. Groundwater was encountered at PESA site #5 at borings: 5-B08, 5-B15, and 5-B22. The field PID screening results are summarized on the boring logs in Appendix A.

4.1.1 Analytical Results

Soil Analytical Results

Table 4-2 shows detected constituents for PESA site #5. Detected constituents in the soil samples consist of:

- A total of up to 13 VOCs
- A total of up to 26 SVOCs

- A total of up to 2 Pesticides
- A total of up to 2 Aroclors/PCBs
- A total of up to 20 total metals
- A total of up to 9 TCLP metals
- A total of up to 4 SPLP metals
- The pH values at soil borings 5-B02 and 5-B05 were outside the allowable limit for a CCDD facility

Groundwater

Groundwater samples TMW-5-B08, TMW-5-B08 (Dissolved), TMW-5-B15, TMW-5-B22, and TMW-5-B22 (Dissolved) were collected from temporary monitoring wells installed in borings 5-B05, 5-B15, and 5-B22. The depths to water in the temporary wells were measured to be approximately 1.36, 5.54, and 2.87 feet bgs in borings 5-B08, 5-B15, and 5-B22, respectively. Table 4-2 shows detected constituents for PESA site #5. Detected constituents in the groundwater samples consist of:

- A total of up to 4 VOCs
- A total of up to 12 SVOCs
- A total of up to 18 metals

4.1.2 Nature and Extent of Contaminants of Concern

4.1.2.1 Soil

Table 4-2 identifies potential COCs as benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, indeno(1,2,3-c,d)pyrene, naphthalene, carbazole, dibenzofuran, 4,4'-DDD, 4,4'-DDE, arsenic, chromium, lead, mercury, selenium, silver, antimony, cobalt, iron, manganese, nickel, thallium, and pH.

The pH value was outside of the allowable range of 6.25 – 9 in borings 5-B02 and 5-B05.

Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and/or indeno(1,2,3-c,d)pyrene were above their respective MAC values, the MAC values for a CCDD facility outside the City of Chicago in a MSA County, and the Tier 1 ROs for the residential ingestion exposure pathways in borings 5-B01 and 5-B23.

Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, and indeno(1,2,3-c,d)pyrene were above their respective most stringent MAC values, the Tier 1 ROs for the soil component of the groundwater ingestion exposure pathway, and the Tier 1 ROs for the residential ingestion exposure pathway in boring 5-B24.

Benzo(a)pyrene, dibenzo(a,h)anthracene, and indeno(1,2,3-c,d)pyrene were above the MAC value for a CCDD facility in a non-MSA County, but below the MAC value for a CCDD facility in a MSA County in boring 5-B23.

Benzo(a)pyrene was above the MAC value for a CCDD facility but below the MAC value for a CCDD facility in a Non-MSA County for borings 5-B05, 5-B16, 5-B18, 5-B21, 5-B27, 5-B28, and 5-B29.

Naphthalene was above the most stringent MAC value, the Tier 1 RO for the soil component of the groundwater ingestion exposure pathway, and the Tier 1 RO for the construction worker inhalation exposure pathway in boring 5-B24.

Carbazole was above the MAC value and the Tier 1 RO for the soil component of the groundwater ingestion exposure pathway in borings 5-B01 and 5-B24. Dibenzofuran was above the MAC value in boring 5-B24. 4,4'-DDD and 4,4'-DDE were above their respective MAC values and the Tier 1 ROs for the residential ingestion exposure pathways in borings 5-B15 and 5-B24. The laboratory reporting limits for 4,4'-DDD and 4,4'-DDE were above the MAC values, the Tier 1 RO for the soil component of the groundwater ingestion exposure pathway, and/or the Tier 1 ROs for the residential ingestion exposure pathways in borings 5-B01, 5-B02, 5-B03, 5-B04, 5-B06, 5-B07, and 5-B08. The laboratory reporting limit for 4,4'-DDE was above the MAC value and the Tier 1 RO for the residential ingestion exposure pathway in borings 5-B05, 5-B09, 5-B11, 5-B12, and 5-B14.

Potential exceedances for one or more of the inorganics mentioned above exceeded the criteria for the soil component of the groundwater ingestion exposure route RO in some borings. As allowed by TACO, Terracon evaluated potential exceedances of the soil component of the groundwater ingestion exposure route through the use of total soil concentration, TCLP extraction concentration, and/or SPLP extraction concentration, as appropriate. A metal is considered a contaminant of concern when the total, TCLP, and SPLP results exceed their respective RO or the TCLP and SPLP results exceed the RO.

TCLP iron and SPLP iron were above the most stringent Class I RO in borings 5-B02 and 5-B08. TCLP manganese and SPLP manganese were above the most stringent Class I RO in borings 5-B02, 5-B05, 5-B06, 5-B08, 5-B10, 5-B11, 5-B16, 5-B17, 5-B18, 5-B19, 5-B20, 5-B21, 5-B23, 5-B25, 5-B26, 5-B27, and 5-B29.

TCLP iron, SPLP iron, and total iron were above the most stringent Class I RO and MAC value, respectively, in borings 5-B04, 5-B06, 5-B07, and 5-B19. TCLP manganese, SPLP manganese, and total manganese were above the most stringent Class I RO and MAC value, respectively, in borings 5-B03, 5-B04, 5-B07, 5-B15, and 5-B28. TCLP lead, SPLP lead, and total lead were above the most stringent Class I RO and MAC value, respectively, in borings 5-B17, 5-B18, 5-B21, 5-B23, and 5-B24. TCLP antimony, SPLP antimony, and total antimony were above the most stringent Class I RO and MAC value, respectively, in boring 5-B24.

The concentration of total arsenic was above the most stringent MAC value for a CCDD facility and the Tier 1 RO for the residential ingestion exposure pathway for borings 5-B03 and 5-B22.

The concentrations of total lead at borings 5-B18 and 5-B24 were above the residential ingestion Tier I SRO and above the MAC value. The concentration of total lead at boring 5-B24 was above the construction worker ingestion Tier I SRO.

The concentrations of total manganese at borings 5-B14 and 5-B28 were above the residential ingestion Tier I SRO and above the MAC value.

The concentrations of total mercury at borings 5-B01, 5-B03, and 5-B23 were above the construction worker inhalation exposure pathway but below the MAC value. The concentration of total mercury at boring 5-B27 was above the construction worker inhalation exposure pathway and the MAC value.

Based on the analytical data, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, indeno(1,2,3-c,d)pyrene, naphthalene, carbazole, dibenzofuran, 4,4'-DDD, 4,4'-DDE, arsenic, lead, mercury, antimony, iron, manganese, pH, and PID are COCs at PESA site #5.

Comparison of Soil Concentrations with Construction Worker Reference Concentrations

Table 4-2 shows if there are exceedances above the Tier 1 ROs for Construction Worker ingestion or inhalation values. The detection of lead was above the construction worker ingestion RO and the detection of naphthalene was above the construction worker inhalation RO in boring 5-B24. The detection of mercury was above the construction worker inhalation RO in borings 5-B01, 5-B03, 5-B23, and 5-B27.

4.1.2.2 Groundwater

Table 4-2 shows detected analytes for groundwater and identifies COCs as benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, indeno(1,2,3-c,d)pyrene, arsenic, barium, cadmium, total chromium, lead, beryllium, copper, iron, manganese, nickel, thallium, and vanadium.

A combination of benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, indeno(1,2,3-c,d)pyrene, arsenic, barium, cadmium, total chromium, lead, beryllium, copper, iron, manganese, nickel, thallium, and/or vanadium were above their respective Class I groundwater remediation objectives (GROs) in groundwater samples collected from the temporary monitoring wells TMW-5-B08 and TMW-5-B22. Iron and manganese exceeded the GRO in the field-filtered and non-filtered samples collected from temporary monitoring well TMW-5-B22; iron and manganese exceeded the GRO in the non-field-filtered sample collected from temporary monitoring well TMW-5-B08. Total chromium, lead, nickel, and vanadium exceeded the GRO in the

non-field-filtered sample collected from both temporary monitoring wells. Benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, indeno(1,2,3-c,d)pyrene, arsenic, barium, cadmium, beryllium, copper, and thallium exceeded the GRO in the non-field-filtered sample collected from TMW-5-B08. Based on these data, SVOCs and metals are considered contaminants of concern, and groundwater is considered potentially impacted with SVOCs and metals in the project area. Groundwater should be managed in accordance with Article 669.05(d). The handling of impacted groundwater encountered during construction is further described in Section 5.3.

4.2 Site #6 (G-Mac Automatic Door and Hardware)

Based on the approved Proposal, Terracon did not advance borings at PESA site #6 because soil is not planned to be excavated from the site. The site was evaluated with adjacent borings within PESA site #5.

4.3 Site #7 (Barnhart Crane and Rigging)

Based on the approved Proposal, Terracon did not advance borings at PESA site #7 because soil is not planned to be excavated from the site. The site was evaluated with adjacent borings within PESA site #5.

5.0 CONCLUSIONS AND RECOMMENDATIONS

Terracon conducted this PSI to evaluate the nature of soil contamination within the ROW areas. The nature of groundwater contamination was evaluated during the investigation within three borings advanced during the investigation. Field observations and PID screening did indicate visual, olfactory indications of contamination or readings above ambient background for 4 soil borings. A total of 63 soil samples were submitted for analytical laboratory testing.

Based on the analytical results, COCs in site soil include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, indeno(1,2,3-c,d)pyrene, naphthalene, carbazole, dibenzofuran, 4,4'-DDD, 4,4'-DDE, arsenic, lead, mercury, antimony, iron, manganese, PID, and pH.

Based on the analytical results, COCs in site groundwater include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, indeno(1,2,3-c,d)pyrene, arsenic, barium, cadmium, total chromium, lead, beryllium, copper, iron, manganese, nickel, thallium, and vanadium.

Per Illinois Department of Transportation Article 669.05 specifications, soil with concentrations of COCs above the most stringent MACs, pH values outside the allowable range for CCDD facilities, or where field PID readings indicate values above ambient

background should be managed in accordance with Section 669 of the Standard Specifications for Road and Bridge Construction dated January 1, 2023. A summary of soil and groundwater management is discussed below; site-specific cost estimates and soil volumes may be found in Tables 5-1A and 5-1B. The associated soil and groundwater management zones are shown on Figures 3 through 8.

5.1 Soil Management

Based on the investigation results, soil encountered during construction must be managed appropriately. Soil management is outlined below in Sections 5.1 and 5.2 and further shown in Tables 5-1A and 5-1B.

5.1.1 Site #5 (Former Case Plant/Vacant Lot)

Analytical data collected from the 29 soil borings at site #5 indicates that benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, indeno(1,2,3-c,d)pyrene, naphthalene, carbazole, dibenzofuran, 4,4'-DDD, 4,4'-DDE, arsenic, lead, mercury, antimony, iron, manganese, PID, and pH were identified as COCs. Based on the investigation results, soil at this site should be managed as follows:

Soil may be managed on-site as fill, if suitable, or managed off-site without restriction at borings:

- 5-B09
- 5-B12
- 5-B13

Soil associated with the following borings may be used on-site as fill, if suitable, or managed off-site at a CCDD facility within a MSA County:

- 5-B06
- 5-B10
- 5-B11
- 5-B19
- 5-B20
- 5-B25
- 5-B26

Soil associated with the following borings may be used on-site as fill, if suitable, or managed off-site at a CCDD facility or USFO within an MSA County excluding Chicago:

- 5-B29

Soil associated with the following borings may be used on-site as fill, if suitable. If soil cannot be managed on-site as fill, it shall be managed off-site as non-special waste as applicable:

- 5-B07
- 5-B17
- 5-B21

Soil associated with the following borings indicates exceedance of the most stringent MAC value and the pH was outside the allowable range for a CCDD or Uncontaminated Soil Fill Operations (USFO) facility. Soil shall be managed on-site as fill when suitable or off-site according to Standard Specifications for Road and Bridge Construction Article 202.03. However, the excavated soil cannot be taken to a CCDD or USFO facility:

- 5-B02
- 5-B05

Soil associated with the following borings exceeded the MAC values, the Tier 1 ROs for residential ingestion, construction worker ingestion exposure pathways, construction worker inhalation exposure pathways, and/or exceeds background PID readings for benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, indeno(1,2,3-c,d)pyrene, naphthalene, arsenic, lead, mercury, manganese, thallium, 4,4'-DDD, and 4,4'-DDE and should be managed off-site as non-special waste as applicable:

- 5-B01
- 5-B03
- 5-B04
- 5-B08
- 5-B14
- 5-B15
- 5-B16
- 5-B18
- 5-B22
- 5-B23

- 5-B24
- 5-B27
- 5-B28

5.1.1 Site #6 (G-Mac Automatic Door and Hardware)

Based on the approved Proposal, Terracon did not advance borings at PESA site #6 because soil is not planned to be excavated from the site. The site was evaluated with adjacent borings within PESA site #5.

5.1.1 Site #7 (Barnhart Crane and Rigging)

Based on the approved Proposal, Terracon did not advance borings at PESA site #7 because soil is not planned to be excavated from the site. The site was evaluated with adjacent borings within PESA site #5.

5.2 Soil Management Areas and Applicable Regulations

Areas where specific soil management is required are outlined on Figures 3 through 8 of the Figures section of the report and should be managed in accordance with IDOT's Supplemental Specifications and Recurring Special Provisions (Article 669). Work Zones should be established for specific locations as mentioned in following section. The employees working in these specific locations must have a current OSHA HAZWOPER 40-hour training and 8-hour refresher courses, as applicable. The work zones near contamination should include an exclusion zone, decontamination zone, and support zone. The exclusion zone is the area containing the contamination and has the highest potential risk to the workers. The contractor shall make sure that employees do not conduct maintenance on equipment in this area until after the excavated area has been backfilled. The decontamination zone is the area where personnel, equipment, etc. are thoroughly washed so that the contaminants do not migrate to other areas of the site. The support zone is the area of the site that is not the decontamination zone nor the exclusion zone. All normal work activities can only occur in this zone and only after workers who were in the exclusion zone have already gone through the decontamination zone before going into the support zone.

5.2.1 Site #5 (Former Case Plant/Vacant Lot)

Site #5: Former Case Plant/Vacant Lot, 1100 3rd Street, East Moline, Illinois 61244

Station 22+11 to 25+40 (Westbound + Eastbound Bend Boulevard), 0 to 72 feet RT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(5). COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, indeno(1,2,3-c,d)pyrene, carbazole, arsenic, mercury, and manganese. During due-diligence activities,

mercury was discovered above the construction worker inhalation exposure pathway. As a result, the Contractor shall institute a Work Zone for worker safety.

Station 22+11 to 24+34 (Westbound + Eastbound Bend Boulevard), 0 to 72 feet LT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(1). COC sampling parameters: iron, manganese, and pH.

Station 24+34 to 26+38 (Westbound + Eastbound Bend Boulevard), 0 to 72 feet LT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(5). COC sampling parameters: iron, manganese, and PID.

Station 25+40 to 29+45 (Westbound + Eastbound Bend Boulevard), 0 to 72 feet RT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(1). COC sampling parameters: benzo(a)pyrene, iron, manganese, and pH.

Station 26+38 to 28+40 (Westbound + Eastbound Bend Boulevard), 0 to 72 feet LT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(2). COC sampling parameters: iron and manganese.

Station 28+43 to 30+48 (Westbound + Eastbound Bend Boulevard), 0 to 72 feet LT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(5). COC sampling parameters: iron, manganese, and PID. Station 30+48 to 32+48 (Westbound + Eastbound Bend Boulevard), 0 to 72 feet LT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(2). COC sampling parameter: manganese.

Station 31+43 to 33+48 (Westbound + Eastbound Bend Boulevard), 0 to 72 feet RT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(2). COC sampling parameter: manganese.

Station 34+32 to 40+40 (Westbound + Eastbound Bend Boulevard), 0 to 72 feet LT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(5). COC sampling parameters: benzo(a)pyrene, lead, manganese, and PID.

Station 35+39 to 37+45 (Westbound + Eastbound Bend Boulevard), 0 to 72 feet RT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(5). COC sampling parameters: manganese, 4,4'-DDD, and 4,4'-DDE.

Station 37+45 to 39+40 (Westbound + Eastbound Bend Boulevard), 0 to 72 feet RT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(1). COC sampling parameters: lead and manganese.

Station 39+40 to 40+85 (Westbound + Eastbound Bend Boulevard), 0 to 72 feet RT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(2). COC sampling parameters: iron and manganese.

Station 40+40 to 41+86 (Westbound + Eastbound Bend Boulevard), 0 to 72 feet LT + 0 to 72 feet RT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(2). COC sampling parameters: iron and manganese.

Station 41+86 to 42+84 (Westbound + Eastbound Bend Boulevard), 0 to 72 feet LT + 0 to 72 RT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(1). COC sampling parameters: benzo(a)pyrene, lead, and manganese.

Station 42+84 to 43+84 (Westbound + Eastbound Bend Boulevard), 0 to 72 feet LT + 0 to 72 feet RT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(5). COC sampling parameters: arsenic, manganese, and thallium.

Station 43+84 to 45+82 (Westbound + Eastbound Bend Boulevard), 0 to 100 feet LT + 0 to 72 feet RT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(5). COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, dibenzo(a,h)anthracene, indeno(1,2,3-c,d)pyrene, naphthalene, carbazole, dibenzofuran, 4,4'-DDD, 4,4'-DDE, lead, mercury, manganese, and antimony. During due-diligence activities, naphthalene and mercury were discovered above the construction worker inhalation exposure pathway, and lead was discovered above the construction worker ingestion exposure pathway. As a result, the Contractor shall institute a Work Zone for worker safety.

Station 45+82 to 47+85 (Westbound + Eastbound Bend Boulevard), 0 to 93 feet LT + 0 to 72 feet RT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(2). COC sampling parameter: manganese.

Station 47+85 to 48+88 (Westbound + Eastbound Bend Boulevard), 0 to 88 feet LT + 0 to 72 feet RT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(5). COC sampling parameters: benzo(a)pyrene, mercury, and manganese. During due-diligence activities, mercury was discovered above the construction worker inhalation exposure pathway. As a result, the Contractor shall institute a Work Zone for worker safety.

Station 48+88 to 49+78 (Westbound + Eastbound Bend Boulevard), 0 to 81 feet LT + 0 to 72 feet RT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(5). COC sampling parameters: benzo(a)pyrene, mercury, and manganese.

Station 49+78 to 50+68.97 (Westbound + Eastbound Bend Boulevard), 0 to 74 feet LT + 0 to 111 feet RT (Site 5) – The Engineer has determined this material meets the criteria of and shall be managed in accordance with Article 669.05 (a)(2). COC sampling parameters: benzo(a)pyrene and manganese.

5.2.1 Site #6 (G-Mac Automatic Door and Hardware)

Site #6: G-Mac Automatic Door and Hardware, 695 7th Street, East Moline, Illinois 61244

Based on the approved Proposal, Terracon did not advance borings at PESA site #6 because soil is not planned to be excavated from the site. The site was evaluated with adjacent borings within PESA site #5.

5.2.1 Site #7 (Barnhart Crane and Rigging)

Site #7: Barnhart Crane and Rigging, 801 7th Street, East Moline, Illinois 61244

Based on the approved Proposal, Terracon did not advance borings at PESA site #7 because soil is not planned to be excavated from the site. The site was evaluated with adjacent borings within PESA site #5.

5.3 Groundwater Management and Costs

Groundwater was encountered during the field investigation at wells TMW-5-B08, TMW-5-B15, and TMW-5-B22 and COCs were identified in the groundwater. Fill material encountered in these borings may allow for recharge into the excavations. As such, groundwater management areas are identified in the next section. If potentially impacted groundwater is encountered during construction activities, the water may be managed within the excavation. If potentially impacted groundwater cannot be managed within the excavation, it may be treated on-site and discharged to the city of East Moline's sewer system connected to the publicly owned water treatment works (POTW) in accordance with the terms of a permit obtained, or it may be managed off-site as a special waste as applicable in accordance with Article 669.05(d). Management of groundwater by discharging through an existing or new storm sewer is prohibited [refer to Article 669.05(d) for details]. CMT estimated 70 days of subsurface construction for deeper excavation throughout the project area where dewatering may be required. An estimate of 2,500 gallons/day per 100 linear feet (LF) of trenching/excavation was used for calculations. The city of East Moline reportedly plans to require periodic sampling of the water being discharged (period to be determined). An environmental laboratory estimated $415/sample for composite/grab sampling for VOCs, PNAs, and metals, which the city of East Moline indicated would likely be sampled approximately every 14 days. A rental company estimated $185/week to provide equipment for on-site testing of pH and turbidity/total suspended solids (TSS). CMT indicated that they plan to discharge locally utilizing the City of East Moline's Industrial Discharge Permit. Costs for bag/cartridge filter units, filter bags, a flow meter, a pump, and hoses were estimated through vendor

research. Costs for a granular activated carbon filtration system were not included in cost estimates.

Based on the construction activities, cost estimates for management and disposal of groundwater were calculated in Tables 5-1A and 5-1B.

5.4 Potential Groundwater Management Areas and Applicable Regulations

5.4.1 Site #5 (Former Case Plant/Vacant Lot)

Station 22+11 to 36+34 (Westbound + Eastbound Bend Boulevard), 0 to 72 feet LT + 0 to 72 feet RT (Site 5) – The Engineer has determined this groundwater meets the criteria of and shall be managed in accordance with Article 669.05(d). COC sampling parameters: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, indeno(1,2,3-c,d)pyrene, arsenic, barium, cadmium, total chromium, lead, beryllium, copper, iron, manganese, nickel, thallium, and vanadium.

Station 36+34 to 50+68.97 (Westbound + Eastbound Bend Boulevard), 0 to 100 feet LT + 0 to 111 feet RT (Site 5) – The Engineer has determined this groundwater meets the criteria of and shall be managed in accordance with Article 669.05(d). COC sampling parameters: total chromium, lead, iron, manganese, nickel, and vanadium.

5.4.2 Site #6 (G-Mac Automatic Door and Hardware)

Based on the approved Proposal, Terracon did not advance borings at PESA site #6 because soil is not planned to be excavated from the site. The site was evaluated with adjacent borings within PESA site #5.

5.4.3 Site #7 (Barnhart Crane and Rigging)

Based on the approved Proposal, Terracon did not advance borings at PESA site #7 because soil is not planned to be excavated from the site. The site was evaluated with adjacent borings within PESA site #5.

5.5 Scope Limitations

Findings, conclusions, and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, nondetectable, or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this evaluation. If these conditions arise during the course of this project, the

contractor should halt construction activities, and the suspect soil/fill should be re-evaluated to determine the appropriate soil/fill disposal options. Subsurface conditions may vary from those encountered at specific borings; the data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

5.6 Recommendations

5.6.1 Additional Investigations

Based on field observations and analytical data collected during the PSI, additional investigation is not proposed at this time. Environmental impact to soil with respect to the proposed construction activities has been evaluated.

5.6.2 Soil Management

Estimated excavation volumes, for soils classified as (a)(5), were provided by CMT. Based on Figures 3 through 8 and associated analytical data, generated soil may be used on-site as fill, if suitable; and if soil cannot be managed on-site as fill, it shall be managed off-site as non-special waste as applicable [(a)(1)], or managed off-site as non-special waste as applicable [(a)(5)], or may be used on-site as fill, if suitable, or managed off site at a CCDD facility within a MSA County [(a)(2)], or may be used on-site as fill, if suitable, or managed off site at a CCDD facility within the City of Chicago or outside the City of Chicago in a MSA County [(a)(3)]. According to CMT, all excavation soils will be reused on-site as fill except for those noted as 669.05(a)(5).

No eligible CCDD/USFO facilities were identified within a 100-mile radius of the site. LPC-663 forms are typically provided in Appendix B; however, given that the client does not plan to dispose of any soil at a CCDD/USFO facility, they have not been included at this time.

Please contact Terracon Consultants for stamped LPC-663 forms if the need arises.

5.6.3 Groundwater Management

Shallow, impacted, groundwater was encountered during the field investigation at wells advanced in the project area. If potentially impacted groundwater is encountered during construction activities, the water may be managed within the excavation. If potentially impacted groundwater cannot be managed within the excavation, it may be treated on-site and discharged to the City of East Moline's POTW in accordance with the terms of a permit obtained, or it may managed off-site as a special waste as applicable in accordance with Article 669.05(d). Given that CMT estimated 70 days of subsurface construction for deeper excavation where dewatering may be required, Tables 5-1A and 5-1B include estimated costs for rental of a system to filter contaminants and periodic sampling of

groundwater before discharge locally utilizing the City of East Moline's Industrial Discharge Permit.

5.6.4 Prevention of Accelerated Contaminated Migration

Based on the presence of impacted soil at the site, the potential exists for contaminant migration from soil excavated during construction to the adjacent properties. Analytical data indicate that impact is generally limited to the soil component, residential ingestion, construction worker inhalation, and construction worker ingestion exposure routes identified in TACO.

Efforts should be taken during construction to minimize contaminant migration. These efforts should prevent contact between excavated soil and precipitation/storm water, minimize emissions of fugitive dust, and properly contain soil within the construction area. Potential methods to achieve these objectives may include directly loading soil into trucks for off-site management during excavation, storing soil in lined and covered containers and/or lightly wetting soil.

Specifically, storm water should be diverted away from excavations containing impacted soil. Should storm water come into contact with impacted soil at this site, the storm water must be removed as a special or hazardous waste, as applicable, or discharged to the POTW in accordance with the terms of a permit. Management of storm water by discharging through an existing or new storm sewer without a discharge permit should not be conducted.

5.6.5 Comparison of Detected Soil Concentrations with TACO Tier 1 Remediation Objectives for Construction Worker Exposure

The COCs detected in site soil were compared with TACO Tier 1 SROs for construction worker exposure. PID readings were detected on site #5 at borings 5-B04, 5-B08, 5-B16, and 5-B24 during the PSI field activities. Based on the detection of mercury in borings 5-B01, 5-B03, 5-B23, and 5-B27 above the construction worker inhalation RO, the detection of naphthalene in boring 5-B24 above the construction worker inhalation RO, and the detection of lead in boring 5-B24 above the construction worker ingestion RO, the contractor should be prepared to manage these soils in accordance with OSHA Health and Safety Requirements.

If soil unearthed during excavation activities exhibits PID readings, odors, or discoloration indicative of contamination, it is recommended that the soil be sampled to determine appropriate worker protection measures during construction activities. The health and safety of construction workers is the sole responsibility of the construction contractor, and Occupational Safety and Health Administration (OSHA) regulations should be adhered to during construction activities.

TABLES

Table 3-1 - Summary of Sampling Plan
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Sample ID	Proposed Maximum Excavation Depth (ft)	Boring Depth (ft)	Sample Interval (ft)	Primary Rationale	Sample Type		Analytical Parameters								
					Soil	Groundwater	VOCs	SVOCs	Pesticides	PCBs	pH	Cyanide	Target Analyte List1	TCLP TAL Metals2	SPLP TAL Metals3
Former Case Plant/Vacant Lot, 1100 3rd Street, East Moline, Illinois (Site #5)															
5-B01	12'	7'	(1-5)	Proximity to RECs	x		x	x	x	x	x	x	x	x	x
			(5-7)		x		x	x			x	x	x	x	x
5-B02		3'	(1-3)		x		x	x	x	x	x	x	x	x	x
5-B03		12'	(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B04			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B05 DUP			(1-5)		x		x	x	x	x	x	x	x	x	x
5-B05			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B06			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B07			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B08			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
TMW-5-B08			N/A			x	x	x				x	x		
TMW-5-B08 (Dissolved)			N/A			x							x		
5-B09			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B10 DUP			(1-5)		x		x	x	x	x	x	x	x	x	x
5-B10			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B11			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x

Table 3-1 - Summary of Sampling Plan
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Sample ID	Proposed Maximum Excavation Depth (ft)	Boring Depth (ft)	Sample Interval (ft)	Primary Rationale	Sample Type		Analytical Parameters								
					Soil	Groundwater	VOCs	SVOCs	Pesticides	PCBs	pH	Cyanide	Target Analyte List1	TCLP TAL Metals2	SPLP TAL Metals3
5-B12	12'	12'	(1-5)	Proximity to RECs	x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B13			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B14		8'	(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-8)		x		x	x			x	x	x	x	x
5-B15 DUP		12'	(1-5)		x		x	x	x	x	x	x	x	x	x
5-B15			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
TMW-5-B15			N/A			x	x	x				x	x		
5-B16		9'	(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-9)		x		x	x			x	x	x	x	x
5-B17		12'	(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B18			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B19			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B20 DUP			(1-5)		x		x	x	x	x	x	x	x	x	x
5-B20			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B21			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B22			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
TMW-5-B22			N/A			x	x	x				x	x		
TMW-5-B22 (Dissolved)			N/A			x							x		

Table 3-1 - Summary of Sampling Plan
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Sample ID	Proposed Maximum Excavation Depth (ft)	Boring Depth (ft)	Sample Interval (ft)	Primary Rationale	Sample Type		Analytical Parameters								
					Soil	Groundwater	VOCs	SVOCs	Pesticides	PCBs	pH	Cyanide	Target Analyte List1	TCLP TAL Metals2	SPLP TAL Metals3
5-B23	12'	12'	(1-5)	Proximity to RECs	x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B24			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B25			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B25 DUP			(5-12)		x		x	x			x	x	x	x	x
5-B26			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B27			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B28 DUP			(1-5)		x		x	x	x	x	x	x	x	x	x
5-B28			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
5-B29			(1-5)		x		x	x	x	x	x	x	x	x	x
			(5-12)		x		x	x			x	x	x	x	x
Totals					**63**		**66**	**66**	**34**	**34**	**63**	**66**	**68**	**63**	**63**

Notes:

VOCs = Volatile Organic Compounds

SVOCs = Semivolatile Organic Compounds

TCLP = Toxicity Characteristic Leaching Procedure

SPLP = Synthetic Precipitation Leaching Procedure

X = Sample media or sample will be collected;

1 Target Analyte List ***Excluding Aluminum, Calcium, Potassium, Sodium*** : Antimony, Arsenic, Barium, Beryllium, Cadmium, Chromium, Cobalt, Copper, Cyanide, Iron, Lead, Magnesium, Manganese, Mercury, Nickel, Selenium, Silver, Thallium, Vanadium, and Zinc.

2 TCLP analysis as needed, pending total metals results

3 SPLP analysis as needed, pending TCLP metals results

Table 4-1 - Field Observations and Sampling Rationale
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Sample ID	Proposed Maximum Excavation Depth (ft)	Boring Depth (ft)	Sample Interval** (ft)	Depth to Groundwater (ft bgs)	Boring Placement Rationale	Observation of Potential Contamination	Interval Depth of Highest PID reading (ft)	Headspace Screening Range ppm
Former Case Plant/Vacant Lot, 1100 3rd Street, East Moline, Illinois (Site #5)								
5-B01	12'	12'	(1-5)	N/A	Proximity to RECs	N/A	N/A	*ND
			(5-7)	N/A		N/A	N/A	*ND
			(7-12)	Refusal @ 7' BGS				
5-B02			(1-3)	N/A	Proximity to RECs	N/A	N/A	*ND
			(3-12)	Refusal @ 3' BGS				
5-B03			(1-5)	N/A	Proximity to RECs	N/A	N/A	*ND
			(5-12)	N/A		N/A	N/A	*ND
5-B04			(1-5)	N/A		N/A	N/A	*ND
			(5-12)	9'		N/A	(7-9')	*ND-1.9
5-B05 DUP			(1-5)	N/A		N/A	N/A	*ND
5-B05			(1-5)	5'		N/A	N/A	*ND
			(5-12)	5'		N/A	N/A	*ND
5-B06			(1-5)	N/A		N/A	N/A	*ND
			(5-12)	N/A		N/A	N/A	*ND
5-B07			(1-5)	N/A		N/A	N/A	*ND
			(5-12)	N/A		N/A	N/A	*ND
5-B08			(1-5)	4'		N/A	(2-4')	*ND-1.3
			(5-12)	N/A		N/A	N/A	*ND
5-B09			(1-5)	4.5'		N/A	N/A	*ND
			(5-12)	N/A		N/A	N/A	*ND
5-B10 DUP			(1-5)	4.5'		N/A	N/A	*ND
5-B10			(1-5)	4.5'		N/A	N/A	*ND
			(5-12)	N/A		N/A	N/A	*ND
5-B11			(1-5)	N/A		N/A	N/A	*ND
			(5-12)	6'		N/A	N/A	*ND
5-B12			(1-5)	N/A		N/A	N/A	*ND
			(5-12)	8'		N/A	N/A	*ND
5-B13			(1-5)	N/A		N/A	N/A	*ND
			(5-12)	5.5'		N/A	N/A	*ND
5-B14		8'	(1-5)	N/A		N/A	N/A	*ND
			(5-8)	6'		N/A	N/A	*ND

Table 4-1 - Field Observations and Sampling Rationale
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Sample ID	Proposed Maximum Excavation Depth (ft)	Boring Depth (ft)	Sample Interval** (ft)	Depth to Groundwater (ft bgs)	Boring Placement Rationale	Observation of Potential Contamination	Interval Depth of Highest PID reading (ft)	Headspace Screening Range ppm
5-B15 DUP	12'		(1-5)	N/A	Proximity to RECs	N/A	N/A	*ND
5-B15		12'	(1-5)	N/A		N/A	N/A	*ND
			(5-12)	7'		N/A	N/A	*ND
5-B16		9'	(1-5)	N/A		N/A	(2-4')	*ND-2.5
			(5-9)	N/A		N/A	N/A	*ND
5-B17			(1-5)	N/A		N/A	N/A	*ND
			(5-12)	N/A		N/A	N/A	*ND
5-B18			(1-5)	N/A		N/A	N/A	*ND
			(5-12)	5.5'		N/A	N/A	*ND
5-B19			(1-5)	5'		N/A	N/A	*ND
			(5-12)	5'		N/A	N/A	*ND
5-B20 DUP			(1-5)	N/A		N/A	N/A	*ND
5-B20			(1-5)	4.5'		N/A	N/A	*ND
			(5-12)	N/A		N/A	N/A	*ND
5-B21			(1-5)	N/A		N/A	N/A	*ND
			(5-12)	11'		N/A	N/A	*ND
5-B22		12'	(1-5)	N/A		N/A	N/A	*ND
			(5-12)	6.5'		N/A	N/A	*ND
5-B23			(1-5)	N/A		N/A	N/A	*ND
			(5-12)	11'		N/A	N/A	*ND
5-B24			(1-5)	N/A		N/A	(2-4')	*ND-5.1
			(5-12)	11.5'		N/A	N/A	*ND
5-B25			(1-5)	N/A		N/A	N/A	*ND
			(5-12)	N/A		N/A	N/A	*ND
5-B25 DUP			(5-12)	N/A		N/A	N/A	*ND
5-B26			(1-5)	N/A		N/A	N/A	*ND
			(5-12)	N/A		N/A	N/A	*ND
5-B27			(1-5)	5'		N/A	N/A	*ND
			(5-12)	5'		N/A	N/A	*ND

Table 4-1 - Field Observations and Sampling Rationale
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Sample ID	Proposed Maximum Excavation Depth (ft)	Boring Depth (ft)	Sample Interval** (ft)	Depth to Groundwater (ft bgs)	Boring Placement Rationale	Observation of Potential Contamination	Interval Depth of Highest PID reading (ft)	Headspace Screening Range ppm
5-B28 DUP	12'	12'	(1-5)	N/A	Proximity to RECs	N/A	N/A	*ND
5-B28			(1-5)	N/A		N/A	N/A	*ND
			(5-12)	N/A		N/A	N/A	*ND
5-B29			(1-5)	N/A		N/A	N/A	*ND
			(5-12)	N/A		N/A	N/A	*ND

Notes:

*ND indicates a PID reading of less than the field detection limit of one (1) part per million isobutylene equivalents (ppm).

**=Sampling intervals are based on Table 2 from the PSI proposal dated 2025-03-07, unless otherwise noted in this report.

ft bgs=feet below ground surface

Table 4-2 - Detected - Soil Analytical Results
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B01 (1-5)	5-B01 (5-7)	5-B02 (1-3)	5-B03 (1-5)	5-B03 (5-12)	5-B04 (1-5)	5-B04 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-7	1-3	1-5	5-12	1-5	5-12
												Date Collected	2025-05-20	2025-05-20	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
												pH	7.0	7.8	10.5	6.8	6.7	7.9	7.6
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	1.9
												Classification	(a)(5)	(a)(1)	(a)(1)	(a)(1)	(a)(5)	(a)(2)	(a)(5)
Volatile Organic Analytical Parameters																			
Benzene	mg/kg	12	0.8	2,300	2.2	0.03	*	---	---	---	0.03		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Toluene	mg/kg	16,000	650	410,000	42	12	*	---	---	---	12		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Xylenes (total)	mg/kg	16,000	320	41,000	5.6	150	*	---	---	---	5.6		<0.0036	<0.0030	<0.0031	<0.0038	<0.0029	<0.0030	<0.0029
Acetone	mg/kg	70,000	100,000	---	100,000	25	*	---	---	---	25		<0.018	0.017	<0.016	0.020	<0.015	0.077	0.010
2-Butanone	mg/kg	---	---	---	---	---	*	---	---	---	17		<0.0045	<0.0038	<0.0039	<0.0048	<0.0037	<0.0037	<0.0036
Carbon Disulfide	mg/kg	7,800	720	20,000	9.0	32	*	---	---	---	9.0		<0.0045	<0.0038	0.00090	<0.0048	<0.0037	<0.0037	<0.0036
cis-1,2-Dichloroethene	mg/kg	780	1,200	20,000	1,200	0.4	*	---	---	---	0.4		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
1,1-Dichloroethane	mg/kg	7,800	1,300	200,000	130	23	*	---	---	---	23		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
1,1-Dichloroethene	mg/kg	3,900	290	10,000	3.0	0.06	*	---	---	---	0.06		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
trans-1,2-Dichloroethene	mg/kg	1,600	3,100	41,000	3,100	0.7	*	---	---	---	0.7		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Trichloroethene	mg/kg	58	5.0	1,200	12	0.06	*	---	---	---	0.06		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
1,1,1-Trichloroethane	mg/kg	---	1,200	---	1,200	2.0	*	---	---	---	2.0		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Vinyl Chloride	mg/kg	0.46	0.28	170	1.1	0.01	*	---	---	---	0.01		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Semivolatile Organic Analytical Parameters																			
Acenaphthene	mg/kg	4,700	---	120,000	---	570	*	0.94	0.13	0.04	570		0.35	0.032	0.010	<0.041	<0.036	<0.036	<0.041
Acenaphthylene	mg/kg	---	---	---	---	---	*	0.25	0.07	0.04	85		0.036	0.0066	<0.037	<0.041	<0.036	<0.036	<0.041
Anthracene	mg/kg	23,000	---	610,000	---	12,000	*	2.6	0.40	0.14	12,000		1.3	0.11	0.027	<0.041	<0.036	<0.036	<0.041
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	*	11	1.8	0.72	0.9		4.2	0.41	0.060	<0.041	<0.036	<0.036	<0.041
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	*	11	2.1	0.98	0.09		4.0	0.34	0.052	<0.041	<0.036	<0.036	<0.041
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	*	13	2.1	0.70	0.9		5.6	0.47	0.074	<0.041	<0.036	<0.036	<0.041
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	*	4.4	1.7	0.84	2,300		2.6	0.20	0.035	<0.041	0.12	<0.036	<0.041
Benzo(k)fluoranthene	mg/kg	9.0	---	1700	---	49	*	8.1	1.7	0.63	9.0		2.0	0.20	0.029	<0.041	<0.036	<0.036	<0.041
Chrysene	mg/kg	88	---	17000	---	160	*	11	2.7	1.1	88		4.4	0.43	0.070	<0.041	<0.036	<0.036	<0.041
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	*	1.0	0.42	0.15	0.09		0.83	0.060	<0.037	<0.041	<0.036	<0.036	<0.041
Fluoranthene	mg/kg	3,100	---	82,000	---	4,300	*	28	4.1	1.8	3,100		9.0	0.98	0.19	<0.041	0.022	<0.036	<0.041
Fluorene	mg/kg	3,100	---	82,000	---	560	*	1.1	0.18	0.04	560		0.44	0.030	0.022	<0.041	0.012	<0.036	<0.041
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	*	5.8	1.6	0.51	0.9		2.7	0.21	<0.037	<0.041	<0.036	<0.036	<0.041
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	*	0.26	0.20	0.17	1.8		0.074	0.028	<0.037	<0.041	0.017	<0.036	<0.041
Phenanthrene	mg/kg	---	---	---	---	---	*	15	2.5	0.99	200		4.8	0.47	0.15	<0.041	0.047	<0.036	<0.041
Pyrene	mg/kg	2,300	---	61,000	---	4,200	*	18	3.0	1.2	2,300		6.9	0.89	0.16	<0.041	0.035	<0.036	<0.041
Bis(2-Ethylhexyl)phthalate	mg/kg	46	31,000	4,100	31,000	3,600	*	---	---	---	46		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	---	0.6		0.65	0.055	<0.19	<0.21	<0.18	<0.18	<0.21
Dibenzofuran	mg/kg	---	---	---	---	---	*	---	---	---	6.1		0.26	0.033	<0.19	<0.21	0.013	<0.18	<0.21
Di-n-butylphthalate	mg/kg	7,800	2,300	200,000	2,300	2,300	*	---	---	---	2,300		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
2,4-Dimethylphenol	mg/kg	1,600	---	41,000	---	9.0	*	---	---	---	9.0		<0.75	<0.38	<0.37	<0.41	<0.36	<0.36	<0.41
2-Methylnaphthalene	mg/kg	---	---	---	---	---	*	---	0.14	0.29	7.2		0.091	0.058	<0.075	<0.083	0.058	<0.073	<0.083
2-Methylphenol	mg/kg	3900	---	100,000	---	15	*	---	---	---	15		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
4-Methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
4-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.1		0.071	<0.38	<0.37	<0.41	<0.36	<0.36	<0.41
Phenol	mg/kg	23,000	---	61,000	---	100	*	---	---	---	100		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
Pesticide Organic Analytical Parameters																			
4,4'-DDD	mg/kg	3	---	520	---	16	*	---	---	---	3.0		<9.7	--	<190	<210	--	<190	--
4,4'-DDE	mg/kg	2	---	370	---	54	*	---	---	---	2.0		<9.7	--	<190	<210	--	<190	--
Aroclor Organic Analytical Parameters																			

Table 4-2 - Detected - Soil Analytical Results
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B01 (1-5)	5-B01 (5-7)	5-B02 (1-3)	5-B03 (1-5)	5-B03 (5-12)	5-B04 (1-5)	5-B04 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-7	1-3	1-5	5-12	1-5	5-12
												Date Collected	2025-05-20	2025-05-20	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
												pH	7.0	7.8	10.5	6.8	6.7	7.9	7.6
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	1.9
												Classification	(a)(5)	(a)(1)	(a)(1)	(a)(1)	(a)(5)	(a)(2)	(a)(5)
Aroclor - 1248	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.019	<0.021	--	<0.019	--
Aroclor - 1254	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.019	<0.021	--	<0.019	--
Inorganic Analytical Parameters																			
Arsenic	mg/kg	11.3	750	61	25,000	---	*	13.0	13.0	11.3	11.3		7.8	5.1	2.2	5.3	24	3.0	6.5
Barium	mg/kg	5,500	690,000	14,000	870,000	---	*	110	110	122	1,500		97	51	37	140	19	75	200
Cadmium	mg/kg	78	1,800	200	59,000	---	*	0.6	0.6	0.5	5.2		0.77	0.68	0.17	0.26	<0.21	0.073	0.73
Chromium	mg/kg	230	270	4,100	690	---	*	16.2	16.2	13	21		18	15	10	23	19	22	25
Lead	mg/kg	400	---	700	---	---	*	36	36	20.9	107		71	31	27	18	10	6.7	11
Mercury	mg/kg	23	10	61	0.1	---	*	0.06	0.06	0.05	0.89		0.10	0.11	0.024	0.13	0.031	0.030	0.041
Selenium	mg/kg	390	---	1,000	---	---	*	0.48	0.48	0.37	1.3		<1.1	<1.2	<1.1	<1.3	0.68	<1.1	<1.1
Silver	mg/kg	390	---	1,000	---	---	*	0.55	0.55	0.5	4.4		3.8	2.2	2.2	3.4	3.7	2.4	3.6
Antimony	mg/kg	31	---	82	---	---	*	4.0	4.0	3.3	5.0		<2.2	<2.4	<2.2	<2.5	<2.1	<2.2	<2.2
Beryllium	mg/kg	160	1300	410	44,000	---	*	0.59	0.59	0.56	22		0.73	0.62	0.28	0.82	1.1	0.53	0.79
Cobalt	mg/kg	4,700	---	12,000	---	---	*	8.9	8.9	8.9	20		9.6	5.8	3.9	15	19	9.6	13
Copper	mg/kg	2,900	---	8,200	---	---	*	19.6	19.6	12	2,900		24	18	8.9	16	19	18	18
Cyanide	mg/kg	1,600	---	4,100	---	---	*	0.51	0.51	0.5	40		<0.27	<0.27	<0.27	<0.28	<0.24	<0.25	<0.29
Iron	mg/kg	---	---	---	---	---	*	15,900	15,900	15,000	15,000		26000	14000	15000	23000	27000	17000	24000
Magnesium	mg/kg	325,000	---	730,000	---	---	*	4,820	4,820	2,700	---		3100	10000	2900	3400	2400	3000	3300
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	*	636	636	630	630		740	510	350	780	230	190	1100
Nickel	mg/kg	1,600	13,000	4,100	440,000	---	*	18	18	13	100		21	16	9.5	24	51	18	29
Thallium	mg/kg	6.3	---	160	---	---	*	0.32	0.32	0.42	2.6		<1.1	<1.2	<1.1	<1.3	0.77	<1.1	<1.1
Vanadium	mg/kg	550	---	1,400	---	---	*	25.2	25.2	25	550		27	28	16	44	30	45	43
Zinc	mg/kg	23,000	---	61,000	---	---	*	95.0	95.0	60.2	5,100		120	220	31	66	19	35	64
TCLP																			
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	<0.010	--	--
Chromium	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	0.0033	--	0.0017	0.0022
Lead	mg/L	---	---	---	---	0.0075	---	---	---	---	0.0075		--	--	--	--	--	--	--
Selenium	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Silver	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	---	0.006		--	--	--	--	--	--	--
Cobalt	mg/L	---	---	---	---	1.0	---	---	---	---	1.0		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	---	5.0		0.11	<0.20	6.1	0.15	0.25	14	0.26
Manganese	mg/L	---	---	---	---	0.15	---	---	---	---	0.15		7.5	7.6	6.3	33	1.0	2.8	16
Nickel	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	--	--	--	--
Thallium	mg/L	---	---	---	---	0.002	---	---	---	---	0.002		--	--	--	--	--	--	--
Inorganic Analytical Parameters (SPLP)																			
Antimony	mg/L	---	---	---	---	0.006	*	---	---	---	0.006		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	*	---	---	---	5.0		--	--	10	--	--	86	--
Lead	mg/L	---	---	---	---	0.0075	*	---	---	---	0.0075		--	--	--	--	--	--	--
Manganese	mg/L	---	---	---	---	0.15	*	---	---	---	0.15		0.082	0.028	0.25	1.2	0.0081	0.72	2.4
Mismatched CAS Numbers																			
gamma-Chlordane	---	---	---	---	---	---	---	---	---	---	---		<9.7	--	<190	<210	--	<190	--
Boron	---	---	---	---	---	---	---	---	---	---	---		15	13	3.7	8.7	16	6.6	7.0

Table 4-2 - Detected - Soil Analytical Results
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration		5-B05 (1-5)	5-B05 (1-5)D	5-B05 (5-12)	5-B06 (1-5)	5-B06 (5-12)	5-B07 (1-5)	5-B07 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Identification							
												Sample Depth (feet)	1-5	1-5	5-12	1-5	5-12	1-5	5-12
												Date Collected	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
												pH	9.9	9.9	8.5	7.5	6.6	7.6	7.3
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(1)	(a)(1)	(a)(3)	(a)(2)	(a)(2)	(a)(1)	(a)(2)
Volatile Organic Analytical Parameters																			
Benzene	mg/kg	12	0.8	2,300	2.2	0.03	*	---	---	---	0.03		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
Toluene	mg/kg	16,000	650	410,000	42	12	*	---	---	---	12		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
Xylenes (total)	mg/kg	16,000	320	41,000	5.6	150	*	---	---	---	5.6		<0.0033	<0.0028	<0.0024	<0.0031	<0.0035	<0.0028	<0.0030
Acetone	mg/kg	70,000	100,000	---	100,000	25	*	---	---	---	25		<0.016	<0.014	<0.012	0.028	0.030	<0.014	0.017
2-Butanone	mg/kg	---	---	---	---	---	*	---	---	---	17		<0.0041	<0.0036	<0.0030	<0.0039	0.0044	<0.0035	0.0033
Carbon Disulfide	mg/kg	7,800	720	20,000	9.0	32	*	---	---	---	9.0		<0.0041	<0.0036	<0.0030	<0.0039	<0.0044	<0.0035	<0.0038
cis-1,2-Dichloroethene	mg/kg	780	1,200	20,000	1,200	0.4	*	---	---	---	0.4		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
1,1-Dichloroethane	mg/kg	7,800	1,300	200,000	130	23	*	---	---	---	23		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	0.024	0.0029
1,1-Dichloroethene	mg/kg	3,900	290	10,000	3.0	0.06	*	---	---	---	0.06		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	0.0055	<0.0015
trans-1,2-Dichloroethene	mg/kg	1,600	3,100	41,000	3,100	0.7	*	---	---	---	0.7		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
Trichloroethene	mg/kg	58	5.0	1,200	12	0.06	*	---	---	---	0.06		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
1,1,1-Trichloroethane	mg/kg	---	1,200	---	1,200	2.0	*	---	---	---	2.0		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	0.039	0.0065
Vinyl Chloride	mg/kg	0.46	0.28	170	1.1	0.01	*	---	---	---	0.01		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
Semivolatile Organic Analytical Parameters																			
Acenaphthene	mg/kg	4,700	---	120,000	---	570	*	0.94	0.13	0.04	570		<0.042	<0.041	0.036	<0.039	<0.039	<0.037	<0.040
Acenaphthylene	mg/kg	---	---	---	---	---	*	0.25	0.07	0.04	85		<0.042	<0.041	<0.072	<0.039	<0.039	<0.037	<0.040
Anthracene	mg/kg	23,000	---	610,000	---	12,000	*	2.6	0.40	0.14	12,000		<0.042	<0.041	<0.072	<0.039	<0.039	<0.037	<0.040
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	*	11	1.8	0.72	0.9		<0.042	<0.041	0.089	<0.039	<0.039	0.022	<0.040
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	*	11	2.1	0.98	0.09		<0.042	<0.041	0.13	<0.039	<0.039	<0.037	<0.040
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	*	13	2.1	0.70	0.9		<0.042	<0.041	0.16	<0.039	<0.039	0.038	<0.040
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	*	4.4	1.7	0.84	2,300		<0.042	<0.041	0.42	<0.039	<0.039	<0.037	<0.040
Benzo(k)fluoranthene	mg/kg	9.0	---	1700	---	49	*	8.1	1.7	0.63	9.0		<0.042	<0.041	0.039	<0.039	<0.039	<0.037	<0.040
Chrysene	mg/kg	88	---	17000	---	160	*	11	2.7	1.1	88		<0.042	<0.041	0.086	<0.039	<0.039	0.024	<0.040
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	*	1.0	0.42	0.15	0.09		<0.042	<0.041	<0.072	<0.039	<0.039	<0.037	<0.040
Fluoranthene	mg/kg	3,100	---	82,000	---	4,300	*	28	4.1	1.8	3,100		0.012	<0.041	0.11	<0.039	<0.039	0.033	0.013
Fluorene	mg/kg	3,100	---	82,000	---	560	*	1.1	0.18	0.04	560		<0.042	<0.041	0.051	<0.039	<0.039	<0.037	<0.040
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	*	5.8	1.6	0.51	0.9		<0.042	<0.041	0.13	<0.039	<0.039	<0.037	<0.040
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	*	0.26	0.20	0.17	1.8		<0.042	<0.041	0.025	<0.039	<0.039	<0.037	<0.040
Phenanthrene	mg/kg	---	---	---	---	---	*	15	2.5	0.99	200		<0.042	<0.041	0.23	<0.039	<0.039	0.019	<0.040
Pyrene	mg/kg	2,300	---	61,000	---	4,200	*	18	3.0	1.2	2,300		<0.042	<0.041	0.22	<0.039	<0.039	0.027	<0.040
Bis(2-Ethylhexyl)phthalate	mg/kg	46	31,000	4,100	31,000	3,600	*	---	---	---	46		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	---	0.6		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
Dibenzofuran	mg/kg	---	---	---	---	---	*	---	---	---	6.1		<0.21	<0.21	0.047	<0.20	<0.20	<0.19	<0.20
Di-n-butylphthalate	mg/kg	7,800	2,300	200,000	2,300	2,300	*	---	---	---	2,300		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
2,4-Dimethylphenol	mg/kg	1,600	---	41,000	---	9.0	*	---	---	---	9.0		<0.42	<0.41	<0.72	<0.39	<0.39	<0.37	<0.40
2-Methylnaphthalene	mg/kg	---	---	---	---	---	*	---	0.14	0.29	7.2		<0.086	<0.084	0.11	<0.079	<0.080	<0.075	<0.082
2-Methylphenol	mg/kg	3900	---	100,000	---	15	*	---	---	---	15		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
4-Methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
4-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.1		<0.42	<0.41	<0.72	<0.39	<0.39	<0.37	<0.40
Phenol	mg/kg	23,000	---	61,000	---	100	*	---	---	---	100		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
Pesticide Organic Analytical Parameters																			
4,4'-DDD	mg/kg	3	---	520	---	16	*	---	---	---	3.0		<2.3	<2.1	--	<200	--	<200	--
4,4'-DDE	mg/kg	2	---	370	---	54	*	---	---	---	2.0		<2.3	<2.1	--	<200	--	<200	--
Aroclor Organic Analytical Parameters																			

Table 4-2 - Detected - Soil Analytical Results
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B05 (1-5)	5-B05 (1-5)D	5-B05 (5-12)	5-B06 (1-5)	5-B06 (5-12)	5-B07 (1-5)	5-B07 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	1-5	5-12	1-5	5-12	1-5	5-12
												Date Collected	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
												pH	9.9	9.9	8.5	7.5	6.6	7.6	7.3
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(1)	(a)(1)	(a)(3)	(a)(2)	(a)(2)	(a)(1)	(a)(2)
Aroclor - 1248	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.022	<0.021	--	<0.020	--	<0.019	--
Aroclor - 1254	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.022	<0.021	--	<0.020	--	<0.019	--
Inorganic Analytical Parameters																			
Arsenic	mg/kg	11.3	750	61	25,000	---	*	13.0	13.0	11.3	11.3		4.1	7.1	5.6	4.2	9.0	4.0	8.0
Barium	mg/kg	5,500	690,000	14,000	870,000	---	*	110	110	122	1,500		80	120	26	120	250	120	51
Cadmium	mg/kg	78	1,800	200	59,000	---	*	0.6	0.6	0.5	5.2		0.059	0.24	<0.20	0.26	0.12	0.24	0.063
Chromium	mg/kg	230	270	4,100	690	---	*	16.2	16.2	13	21		20	26	12	13	21	16	17
Lead	mg/kg	400	---	700	---	---	*	36	36	20.9	107		12	11	7.2	9.9	16	12	4.3
Mercury	mg/kg	23	10	61	0.1	---	*	0.06	0.06	0.05	0.89		0.033	0.036	0.013	0.028	0.039	0.065	0.016
Selenium	mg/kg	390	---	1,000	---	---	*	0.48	0.48	0.37	1.3		<1.3	<1.3	<0.99	<1.2	<1.0	<1.0	<1.2
Silver	mg/kg	390	---	1,000	---	---	*	0.55	0.55	0.5	4.4		2.0	3.3	0.36	1.8	4.4	2.0	2.8
Antimony	mg/kg	31	---	82	---	---	*	4.0	4.0	3.3	5.0		<2.6	<2.6	<2.0	0.46	<2.1	<2.0	<2.5
Beryllium	mg/kg	160	1300	410	44,000	---	*	0.59	0.59	0.56	22		0.50	0.83	0.87	0.46	1.0	0.59	0.65
Cobalt	mg/kg	4,700	---	12,000	---	---	*	8.9	8.9	8.9	20		12	11	8.7	7.9	9.0	7.1	5.7
Copper	mg/kg	2,900	---	8,200	---	---	*	19.6	19.6	12	2,900		13	16	10	10	14	12	25
Cyanide	mg/kg	1,600	---	4,100	---	---	*	0.51	0.51	0.5	40		<0.31	<0.29	<0.23	<0.29	<0.27	<0.26	<0.28
Iron	mg/kg	---	---	---	---	---	*	15,900	15,900	15,000	15,000		15000	23000	2800	11000	30000	13000	20000
Magnesium	mg/kg	325,000	---	730,000	---	---	*	4,820	4,820	2,700	---		2300	3200	1200	1600	2500	1800	1800
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	*	636	636	630	630		270	290	13	590	310	880	290
Nickel	mg/kg	1,600	13,000	4,100	440,000	---	*	18	18	13	100		13	23	23	15	37	15	19
Thallium	mg/kg	6.3	---	160	---	---	*	0.32	0.32	0.42	2.6		<1.3	<1.3	<0.99	1.5	<1.0	1.8	0.75
Vanadium	mg/kg	550	---	1,400	---	---	*	25.2	25.2	25	550		40	49	11	26	43	30	55
Zinc	mg/kg	23,000	---	61,000	---	---	*	95.0	95.0	60.2	5,100		45	56	30	51	75	43	27
TCLP																			
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Chromium	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	<0.010	--	--	0.0027	--	--
Lead	mg/L	---	---	---	---	0.0075	---	---	---	---	0.0075		--	--	--	--	--	--	--
Selenium	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Silver	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	<0.0050	--	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	---	0.006		--	--	--	--	--	--	--
Cobalt	mg/L	---	---	---	---	1.0	---	---	---	---	1.0		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	---	5.0		5.0	2.1	0.14	0.36	12	0.63	10
Manganese	mg/L	---	---	---	---	0.15	---	---	---	---	0.15		4.2	4.5	0.13	12	17	19	6.0
Nickel	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	--	--	--	--
Thallium	mg/L	---	---	---	---	0.002	---	---	---	---	0.002		--	--	--	--	--	--	--
Inorganic Analytical Parameters (SPLP)																			
Antimony	mg/L	---	---	---	---	0.006	*	---	---	---	0.006		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	*	---	---	---	5.0		150	--	--	--	13	--	35
Lead	mg/L	---	---	---	---	0.0075	*	---	---	---	0.0075		--	--	--	--	--	--	--
Manganese	mg/L	---	---	---	---	0.15	*	---	---	---	0.15		1.8	2.3	0.014	1.8	0.43	1.2	0.64
Mismatched CAS Numbers																			
gamma-Chlordane	---	---	---	---	---	---	---	---	---	---	---		<2.3	<2.1	--	<200	--	<200	--
Boron	---	---	---	---	---	---	---	---	---	---	---		6.9	9.2	16	7.5	6.2	8.1	4.9

Table 4-2 - Detected - Soil Analytical Results
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B08 (1-5)	5-B08 (5-12)	5-B09 (1-5)	5-B09 (5-12)	5-B10 (1-5)	5-B10 (1-5)D	5-B10 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	5-12	1-5	1-5	5-12
												Date Collected	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
												pH	8.4	8.3	7.4	8.6	7.9	7.4	7.5
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	1.3	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(5)	(a)(2)	Unrestricted	Unrestricted	Unrestricted	Unrestricted	(a)(2)
Volatile Organic Analytical Parameters																			
Benzene	mg/kg	12	0.8	2,300	2.2	0.03	*	---	---	---	0.03		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Toluene	mg/kg	16,000	650	410,000	42	12	*	---	---	---	12		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Xylenes (total)	mg/kg	16,000	320	41,000	5.6	150	*	---	---	---	5.6		<0.0027	<0.0037	<0.0037	<0.0026	<0.0033	<0.0023	<0.0034
Acetone	mg/kg	70,000	100,000	---	100,000	25	*	---	---	---	25		0.010	0.0077	<0.018	<0.013	<0.017	<0.011	<0.017
2-Butanone	mg/kg	---	---	---	---	---	*	---	---	---	17		<0.0034	<0.0046	<0.0046	<0.0033	<0.0041	<0.0029	<0.0042
Carbon Disulfide	mg/kg	7,800	720	20,000	9.0	32	*	---	---	---	9.0		<0.0034	<0.0046	<0.0046	<0.0033	<0.0041	<0.0029	<0.0042
cis-1,2-Dichloroethene	mg/kg	780	1,200	20,000	1,200	0.4	*	---	---	---	0.4		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
1,1-Dichloroethane	mg/kg	7,800	1,300	200,000	130	23	*	---	---	---	23		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	0.0042
1,1-Dichloroethene	mg/kg	3,900	290	10,000	3.0	0.06	*	---	---	---	0.06		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	0.0012
trans-1,2-Dichloroethene	mg/kg	1,600	3,100	41,000	3,100	0.7	*	---	---	---	0.7		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Trichloroethene	mg/kg	58	5.0	1,200	12	0.06	*	---	---	---	0.06		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
1,1,1-Trichloroethane	mg/kg	---	1,200	---	1,200	2.0	*	---	---	---	2.0		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Vinyl Chloride	mg/kg	0.46	0.28	170	1.1	0.01	*	---	---	---	0.01		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Semivolatile Organic Analytical Parameters																			
Acenaphthene	mg/kg	4,700	---	120,000	---	570	*	0.94	0.13	0.04	570		<0.039	<0.037	<0.040	<0.036	<0.038	<0.038	<0.061
Acenaphthylene	mg/kg	---	---	---	---	---	*	0.25	0.07	0.04	85		<0.039	<0.037	<0.040	<0.036	<0.038	<0.038	<0.061
Anthracene	mg/kg	23,000	---	610,000	---	12,000	*	2.6	0.40	0.14	12,000		<0.039	<0.037	<0.040	<0.036	<0.038	<0.038	<0.061
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	*	11	1.8	0.72	0.9		0.025	<0.037	<0.040	0.029	<0.038	<0.038	<0.061
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	*	11	2.1	0.98	0.09		<0.039	<0.037	<0.040	0.043	<0.038	<0.038	<0.061
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	*	13	2.1	0.70	0.9		0.038	<0.037	<0.040	0.052	<0.038	<0.038	<0.061
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	*	4.4	1.7	0.84	2,300		0.021	<0.037	<0.040	0.17	<0.038	<0.038	<0.061
Benzo(k)fluoranthene	mg/kg	9.0	---	1700	---	49	*	8.1	1.7	0.63	9.0		<0.039	<0.037	<0.040	<0.036	<0.038	<0.038	<0.061
Chrysene	mg/kg	88	---	17000	---	160	*	11	2.7	1.1	88		0.028	<0.037	<0.040	0.029	<0.038	<0.038	<0.061
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	*	1.0	0.42	0.15	0.09		<0.039	<0.037	<0.040	<0.036	<0.038	<0.038	<0.061
Fluoranthene	mg/kg	3,100	---	82,000	---	4,300	*	28	4.1	1.8	3,100		0.034	<0.037	<0.040	0.027	<0.038	<0.038	<0.061
Fluorene	mg/kg	3,100	---	82,000	---	560	*	1.1	0.18	0.04	560		<0.039	<0.037	<0.040	0.030	<0.038	<0.038	<0.061
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	*	5.8	1.6	0.51	0.9		<0.039	<0.037	<0.040	<0.036	<0.038	<0.038	<0.061
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	*	0.26	0.20	0.17	1.8		<0.039	<0.037	<0.040	0.019	<0.038	<0.038	<0.061
Phenanthrene	mg/kg	---	---	---	---	---	*	15	2.5	0.99	200		0.028	<0.037	<0.040	0.11	<0.038	<0.038	<0.061
Pyrene	mg/kg	2,300	---	61,000	---	4,200	*	18	3.0	1.2	2,300		0.030	<0.037	<0.040	0.059	<0.038	<0.038	<0.061
Bis(2-Ethylhexyl)phthalate	mg/kg	46	31,000	4,100	31,000	3,600	*	---	---	---	46		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	---	0.6		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
Dibenzofuran	mg/kg	---	---	---	---	---	*	---	---	---	6.1		<0.20	<0.18	<0.20	0.029	<0.19	<0.19	<0.31
Di-n-butylphthalate	mg/kg	7,800	2,300	200,000	2,300	2,300	*	---	---	---	2,300		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
2,4-Dimethylphenol	mg/kg	1,600	---	41,000	---	9.0	*	---	---	---	9.0		<0.39	<0.37	<0.40	<0.36	<0.38	<0.38	<0.61
2-Methylnaphthalene	mg/kg	---	---	---	---	---	*	---	0.14	0.29	7.2		<0.079	<0.074	<0.081	0.14	<0.078	<0.077	<0.12
2-Methylphenol	mg/kg	3900	---	100,000	---	15	*	---	---	---	15		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
4-Methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
4-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.1		<0.39	<0.37	<0.40	<0.36	<0.38	<0.38	<0.61
Phenol	mg/kg	23,000	---	61,000	---	100	*	---	---	---	100		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
Pesticide Organic Analytical Parameters																			
4,4'-DDD	mg/kg	3	---	520	---	16	*	---	---	---	3.0		<190	--	<2.1	--	<2.0	<2.0	--
4,4'-DDE	mg/kg	2	---	370	---	54	*	---	---	---	2.0		<190	--	<2.1	--	<2.0	<2.0	--
Aroclor Organic Analytical Parameters																			

Table 4-2 - Detected - Soil Analytical Results
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B08 (1-5)	5-B08 (5-12)	5-B09 (1-5)	5-B09 (5-12)	5-B10 (1-5)	5-B10 (1-5)D	5-B10 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	5-12	1-5	1-5	5-12
												Date Collected	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
												pH	8.4	8.3	7.4	8.6	7.9	7.4	7.5
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	1.3	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(5)	(a)(2)	Unrestricted	Unrestricted	Unrestricted	Unrestricted	(a)(2)
Aroclor - 1248	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.021	--	<0.020	<0.020	--
Aroclor - 1254	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.021	--	<0.020	<0.020	--
Inorganic Analytical Parameters																			
Arsenic	mg/kg	11.3	750	61	25,000	---	*	13.0	13.0	11.3	11.3		2.8	2.5	4.3	3.1	5.3	3.3	2.3
Barium	mg/kg	5,500	690,000	14,000	870,000	---	*	110	110	122	1,500		110	37	72	30	86	52	24
Cadmium	mg/kg	78	1,800	200	59,000	---	*	0.6	0.6	0.5	5.2		0.12	0.049	0.15	<0.22	0.13	0.11	0.084
Chromium	mg/kg	230	270	4,100	690	---	*	16.2	16.2	13	21		14	16	23	11	27	17	12
Lead	mg/kg	400	---	700	---	---	*	36	36	20.9	107		6.6	3.3	8.2	10	8.6	6.0	2.8
Mercury	mg/kg	23	10	61	0.1	---	*	0.06	0.06	0.05	0.89		0.025	0.010	0.025	0.013	0.019	0.015	<0.020
Selenium	mg/kg	390	---	1,000	---	---	*	0.48	0.48	0.37	1.3		<1.1	<1.1	<1.2	<1.1	<1.2	<1.1	<1.1
Silver	mg/kg	390	---	1,000	---	---	*	0.55	0.55	0.5	4.4		1.7	1.7	3.1	1.4	3.2	2.2	1.6
Antimony	mg/kg	31	---	82	---	---	*	4.0	4.0	3.3	5.0		<2.1	<2.2	<2.5	<2.2	<2.3	<2.2	<2.3
Beryllium	mg/kg	160	1300	410	44,000	---	*	0.59	0.59	0.56	22		0.48	0.33	0.66	0.81	0.78	0.53	0.31
Cobalt	mg/kg	4,700	---	12,000	---	---	*	8.9	8.9	8.9	20		6.4	3.2	11	14	14	7.6	5.0
Copper	mg/kg	2,900	---	8,200	---	---	*	19.6	19.6	12	2,900		10	11	26	10	22	17	11
Cyanide	mg/kg	1,600	---	4,100	---	---	*	0.51	0.51	0.5	40		<0.27	<0.28	<0.29	<0.25	<0.28	<0.28	<0.30
Iron	mg/kg	---	---	---	---	---	*	15,900	15,900	15,000	15,000		11000	12000	22000	10000	23000	16000	10000
Magnesium	mg/kg	325,000	---	730,000	---	---	*	4,820	4,820	2,700	---		1600	1400	4100	1200	4700	2700	1800
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	*	636	636	630	630		500	120	320	300	280	220	200
Nickel	mg/kg	1,600	13,000	4,100	440,000	---	*	18	18	13	100		12	9.9	25	20	26	18	12
Thallium	mg/kg	6.3	---	160	---	---	*	0.32	0.32	0.42	2.6		1.1	<1.1	0.82	0.78	0.63	<1.1	<1.1
Vanadium	mg/kg	550	---	1,400	---	---	*	25.2	25.2	25	550		25	34	59	11	61	43	23
Zinc	mg/kg	23,000	---	61,000	---	---	*	95.0	95.0	60.2	5,100		27	18	35	26	45	29	17
TCLP																			
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Chromium	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	0.0058	--	0.0036	--	--
Lead	mg/L	---	---	---	---	0.0075	---	---	---	---	0.0075		--	--	--	--	--	--	--
Selenium	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Silver	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	---	0.006		--	--	--	--	--	--	--
Cobalt	mg/L	---	---	---	---	1.0	---	---	---	---	1.0		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	---	5.0		1.2	20	0.33	9.5	0.35	0.37	0.34
Manganese	mg/L	---	---	---	---	0.15	---	---	---	---	0.15		10	2.5	0.066	0.65	0.077	0.034	1.7
Nickel	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	--	--	--	--
Thallium	mg/L	---	---	---	---	0.002	---	---	---	---	0.002		--	--	--	--	--	--	--
Inorganic Analytical Parameters (SPLP)																			
Antimony	mg/L	---	---	---	---	0.006	*	---	---	---	0.006		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	*	---	---	---	5.0		--	53	--	2.3	--	--	--
Lead	mg/L	---	---	---	---	0.0075	*	---	---	---	0.0075		--	--	--	--	--	--	--
Manganese	mg/L	---	---	---	---	0.15	*	---	---	---	0.15		2.1	0.51	--	0.010	--	--	0.48
Mismatched CAS Numbers																			
gamma-Chlordane	---	---	---	---	---	---	---	---	---	---	---		<190	--	<2.1	--	<2.0	<2.0	--
Boron	---	---	---	---	---	---	---	---	---	---	---		8.7	4.5	7.5	12	7.3	5.5	3.2

Table 4-2 - Detected - Soil Analytical Results
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B11 (1-5)	5-B11 (5-12)	5-B12 (1-5)	5-B12 (5-12)	5-B13 (1-5)	5-B13 (5-12)	5-B14 (1-5)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	5-12	1-5	5-12	1-5
												Date Collected	2025-05-21	2025-05-21	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
												pH	7.6	7.3	7.9	7.2	7.5	8.0	7.4
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	Unrestricted	(a)(2)	Unrestricted	Unrestricted	Unrestricted	Unrestricted	Unrestricted
Volatile Organic Analytical Parameters																			
Benzene	mg/kg	12	0.8	2,300	2.2	0.03	*	---	---	---	0.03		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Toluene	mg/kg	16,000	650	410,000	42	12	*	---	---	---	12		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Xylenes (total)	mg/kg	16,000	320	41,000	5.6	150	*	---	---	---	5.6		<0.0036	<0.0029	<0.0031	<0.0031	<0.0036	<0.0040	<0.0035
Acetone	mg/kg	70,000	100,000	---	100,000	25	*	---	---	---	25		<0.018	<0.015	0.0078	0.016	<0.018	<0.020	<0.017
2-Butanone	mg/kg	---	---	---	---	---	*	---	---	---	17		<0.0045	<0.0037	<0.0038	<0.0039	<0.0045	<0.0049	<0.0043
Carbon Disulfide	mg/kg	7,800	720	20,000	9.0	32	*	---	---	---	9.0		<0.0045	<0.0037	<0.0038	<0.0039	<0.0045	<0.0049	<0.0043
cis-1,2-Dichloroethene	mg/kg	780	1,200	20,000	1,200	0.4	*	---	---	---	0.4		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
1,1-Dichloroethane	mg/kg	7,800	1,300	200,000	130	23	*	---	---	---	23		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
1,1-Dichloroethene	mg/kg	3,900	290	10,000	3.0	0.06	*	---	---	---	0.06		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
trans-1,2-Dichloroethene	mg/kg	1,600	3,100	41,000	3,100	0.7	*	---	---	---	0.7		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Trichloroethene	mg/kg	58	5.0	1,200	12	0.06	*	---	---	---	0.06		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
1,1,1-Trichloroethane	mg/kg	---	1,200	---	1,200	2.0	*	---	---	---	2.0		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Vinyl Chloride	mg/kg	0.46	0.28	170	1.1	0.01	*	---	---	---	0.01		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Semivolatile Organic Analytical Parameters																			
Acenaphthene	mg/kg	4,700	---	120,000	---	570	*	0.94	0.13	0.04	570		<0.040	<0.062	<0.040	<0.040	<0.035	<0.039	<0.040
Acenaphthylene	mg/kg	---	---	---	---	---	*	0.25	0.07	0.04	85		<0.040	<0.062	<0.040	<0.040	<0.035	<0.039	<0.040
Anthracene	mg/kg	23,000	---	610,000	---	12,000	*	2.6	0.40	0.14	12,000		<0.040	<0.062	<0.040	<0.040	<0.035	0.021	<0.040
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	*	11	1.8	0.72	0.9		<0.040	<0.062	<0.040	<0.040	0.040	0.080	<0.040
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	*	11	2.1	0.98	0.09		<0.040	<0.062	<0.040	<0.040	0.048	0.062	<0.040
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	*	13	2.1	0.70	0.9		<0.040	<0.062	<0.040	<0.040	0.060	0.087	<0.040
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	*	4.4	1.7	0.84	2,300		<0.040	<0.062	<0.040	<0.040	0.19	0.040	<0.040
Benzo(k)fluoranthene	mg/kg	9.0	---	1700	---	49	*	8.1	1.7	0.63	9.0		<0.040	<0.062	<0.040	<0.040	<0.035	0.038	<0.040
Chrysene	mg/kg	88	---	17000	---	160	*	11	2.7	1.1	88		<0.040	<0.062	<0.040	<0.040	0.057	0.076	<0.040
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	*	1.0	0.42	0.15	0.09		<0.040	<0.062	<0.040	<0.040	<0.035	<0.039	<0.040
Fluoranthene	mg/kg	3,100	---	82,000	---	4,300	*	28	4.1	1.8	3,100		<0.040	<0.062	<0.040	<0.040	0.043	0.16	<0.040
Fluorene	mg/kg	3,100	---	82,000	---	560	*	1.1	0.18	0.04	560		<0.040	<0.062	<0.040	<0.040	0.018	<0.039	<0.040
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	*	5.8	1.6	0.51	0.9		<0.040	<0.062	<0.040	<0.040	0.036	0.041	<0.040
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	*	0.26	0.20	0.17	1.8		<0.040	<0.062	<0.040	<0.040	0.0096	<0.039	<0.040
Phenanthrene	mg/kg	---	---	---	---	---	*	15	2.5	0.99	200		<0.040	<0.062	<0.040	0.010	0.12	0.081	<0.040
Pyrene	mg/kg	2,300	---	61,000	---	4,200	*	18	3.0	1.2	2,300		<0.040	<0.062	<0.040	<0.040	0.096	0.14	<0.040
Bis(2-Ethylhexyl)phthalate	mg/kg	46	31,000	4,100	31,000	3,600	*	---	---	---	46		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	---	0.6		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
Dibenzofuran	mg/kg	---	---	---	---	---	*	---	---	---	6.1		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
Di-n-butylphthalate	mg/kg	7,800	2,300	200,000	2,300	2,300	*	---	---	---	2,300		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
2,4-Dimethylphenol	mg/kg	1,600	---	41,000	---	9.0	*	---	---	---	9.0		<0.40	<0.62	<0.40	<0.40	<0.35	<0.39	<0.40
2-Methylnaphthalene	mg/kg	---	---	---	---	---	*	---	0.14	0.29	7.2		<0.082	<0.13	<0.082	<0.081	0.032	<0.080	<0.081
2-Methylphenol	mg/kg	3900	---	100,000	---	15	*	---	---	---	15		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
4-Methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
4-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.1		<0.40	<0.62	<0.40	<0.40	<0.35	<0.39	<0.40
Phenol	mg/kg	23,000	---	61,000	---	100	*	---	---	---	100		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
Pesticide Organic Analytical Parameters																			
4,4'-DDD	mg/kg	3	---	520	---	16	*	---	---	---	3.0		<2.1	--	<2.1	--	<1.8	--	<2.1
4,4'-DDE	mg/kg	2	---	370	---	54	*	---	---	---	2.0		<2.1	--	<2.1	--	<1.8	--	<2.1
Aroclor Organic Analytical Parameters																			

Table 4-2 - Detected - Soil Analytical Results
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B11 (1-5)	5-B11 (5-12)	5-B12 (1-5)	5-B12 (5-12)	5-B13 (1-5)	5-B13 (5-12)	5-B14 (1-5)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	5-12	1-5	5-12	1-5
												Date Collected	2025-05-21	2025-05-21	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
												pH	7.6	7.3	7.9	7.2	7.5	8.0	7.4
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	Unrestricted	(a)(2)	Unrestricted	Unrestricted	Unrestricted	Unrestricted	Unrestricted
Aroclor - 1248	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.020	--	<0.021	--	<0.017	--	<0.020
Aroclor - 1254	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.020	--	<0.021	--	<0.017	--	<0.020
Inorganic Analytical Parameters																			
Arsenic	mg/kg	11.3	750	61	25,000	---	*	13.0	13.0	11.3	11.3		4.5	2.7	6.6	3.5	2.3	4.4	3.3
Barium	mg/kg	5,500	690,000	14,000	870,000	---	*	110	110	122	1,500		69	32	110	58	25	77	67
Cadmium	mg/kg	78	1,800	200	59,000	---	*	0.6	0.6	0.5	5.2		0.11	0.067	0.24	0.14	0.059	0.14	0.12
Chromium	mg/kg	230	270	4,100	690	---	*	16.2	16.2	13	21		23	14	30	24	11	20	25
Lead	mg/kg	400	---	700	---	---	*	36	36	20.9	107		7.8	3.4	9.3	8.1	9.3	7.8	8.0
Mercury	mg/kg	23	10	61	0.1	---	*	0.06	0.06	0.05	0.89		0.026	0.013	0.026	0.025	0.0090	0.028	0.029
Selenium	mg/kg	390	---	1,000	---	---	*	0.48	0.48	0.37	1.3		<1.2	<1.1	<1.2	<1.2	0.65	<1.1	<1.2
Silver	mg/kg	390	---	1,000	---	---	*	0.55	0.55	0.5	4.4		2.8	1.6	1.7	0.58	1.5	0.90	0.34
Antimony	mg/kg	31	---	82	---	---	*	4.0	4.0	3.3	5.0		<2.3	<2.3	0.47	<2.3	<2.1	<2.2	<2.3
Beryllium	mg/kg	160	1300	410	44,000	---	*	0.59	0.59	0.56	22		0.69	0.33	0.64	0.42	0.79	0.37	0.48
Cobalt	mg/kg	4,700	---	12,000	---	---	*	8.9	8.9	8.9	20		1.9	3.9	15	11	28	8.3	14
Copper	mg/kg	2,900	---	8,200	---	---	*	19.6	19.6	12	2,900		21	8.2	37	20	14	21	22
Cyanide	mg/kg	1,600	---	4,100	---	---	*	0.51	0.51	0.5	40		<0.30	<0.28	<0.27	<0.27	<0.25	<0.28	<0.28
Iron	mg/kg	---	---	---	---	---	*	15,900	15,900	15,000	15,000		20000	11000	28000	17000	14000	16000	19000
Magnesium	mg/kg	325,000	---	730,000	---	---	*	4,820	4,820	2,700	---		4000	2400	6000	3500	1500	5700	4500
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	*	636	636	630	630		240	130	900	380	820	490	220
Nickel	mg/kg	1,600	13,000	4,100	440,000	---	*	18	18	13	100		20	11	34	21	31	18	22
Thallium	mg/kg	6.3	---	160	---	---	*	0.32	0.32	0.42	2.6		0.68	<1.1	1.8	0.96	1.5	1.2	0.89
Vanadium	mg/kg	550	---	1,400	---	---	*	25.2	25.2	25	550		9.7	24	67	51	11	38	46
Zinc	mg/kg	23,000	---	61,000	---	---	*	95.0	95.0	60.2	5,100		41	21	53	36	37	36	48
TCLP																			
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Chromium	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		0.0030	--	0.0021	0.0031	--	--	0.0025
Lead	mg/L	---	---	---	---	0.0075	---	---	---	---	0.0075		--	--	--	--	--	--	--
Selenium	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Silver	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	---	0.006		--	--	--	--	--	--	--
Cobalt	mg/L	---	---	---	---	1.0	---	---	---	---	1.0		--	--	--	--	0.059	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	---	5.0		0.34	<0.20	0.48	0.52	3.4	0.51	0.26
Manganese	mg/L	---	---	---	---	0.15	---	---	---	---	0.15		0.047	2.6	0.011	0.14	0.69	1.7	0.043
Nickel	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	--	--	--	--
Thallium	mg/L	---	---	---	---	0.002	---	---	---	---	0.002		--	--	--	--	--	--	--
Inorganic Analytical Parameters (SPLP)																			
Antimony	mg/L	---	---	---	---	0.006	*	---	---	---	0.006		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	*	---	---	---	5.0		--	--	--	--	--	--	--
Lead	mg/L	---	---	---	---	0.0075	*	---	---	---	0.0075		--	--	--	--	--	--	--
Manganese	mg/L	---	---	---	---	0.15	*	---	---	---	0.15		--	0.38	--	--	0.028	0.053	--
Mismatched CAS Numbers																			
gamma-Chlordane	---	---	---	---	---	---	---	---	---	---	---		<2.1	--	<2.1	--	<1.8	--	<2.1
Boron	---	---	---	---	---	---	---	---	---	---	---		7.7	5.0	7.7	6.8	13	11	7.4

Table 4-2 - Detected - Soil Analytical Results
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B14 (5-8)	5-B15 (1-5)	5-B15 (1-5)D	5-B15 (5-12)	5-B16 (1-5)	5-B16 (5-9)	5-B17 (1-5)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	5-8	1-5	1-5	5-12	1-5	5-9	1-5
												Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
												pH	6.3	7.5	7.4	6.6	7.7	6.6	7.2
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	2.5	*ND	*ND
												Classification	(a)(5)	(a)(2)	(a)(5)	Unrestricted	(a)(5)	(a)(2)	(a)(1)
Volatile Organic Analytical Parameters																			
Benzene	mg/kg	12	0.8	2,300	2.2	0.03	*	---	---	---	0.03		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
Toluene	mg/kg	16,000	650	410,000	42	12	*	---	---	---	12		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
Xylenes (total)	mg/kg	16,000	320	41,000	5.6	150	*	---	---	---	5.6		<0.0039	<0.0026	<0.0028	<0.0030	<0.0031	<0.0031	<0.0040
Acetone	mg/kg	70,000	100,000	---	100,000	25	*	---	---	---	25		<0.019	0.021	0.0096	<0.015	0.017	0.014	<0.020
2-Butanone	mg/kg	---	---	---	---	---	*	---	---	---	17		<0.0048	0.0042	0.0024	<0.0037	0.0036	<0.0039	<0.0050
Carbon Disulfide	mg/kg	7,800	720	20,000	9.0	32	*	---	---	---	9.0		<0.0048	<0.0033	<0.0035	<0.0037	<0.0039	<0.0039	<0.0050
cis-1,2-Dichloroethene	mg/kg	780	1,200	20,000	1,200	0.4	*	---	---	---	0.4		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
1,1-Dichloroethane	mg/kg	7,800	1,300	200,000	130	23	*	---	---	---	23		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
1,1-Dichloroethene	mg/kg	3,900	290	10,000	3.0	0.06	*	---	---	---	0.06		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
trans-1,2-Dichloroethene	mg/kg	1,600	3,100	41,000	3,100	0.7	*	---	---	---	0.7		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
Trichloroethene	mg/kg	58	5.0	1,200	12	0.06	*	---	---	---	0.06		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
1,1,1-Trichloroethane	mg/kg	---	1,200	---	1,200	2.0	*	---	---	---	2.0		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
Vinyl Chloride	mg/kg	0.46	0.28	170	1.1	0.01	*	---	---	---	0.01		<0.0019	<0.0013	<0.0014	<0.0015	0.0022	<0.0016	<0.0020
Semivolatile Organic Analytical Parameters																			
Acenaphthene	mg/kg	4,700	---	120,000	---	570	*	0.94	0.13	0.04	570		<0.037	<0.037	0.0098	<0.036	0.092	<0.037	0.028
Acenaphthylene	mg/kg	---	---	---	---	---	*	0.25	0.07	0.04	85		<0.037	<0.037	<0.037	<0.036	<0.070	<0.037	<0.036
Anthracene	mg/kg	23,000	---	610,000	---	12,000	*	2.6	0.40	0.14	12,000		<0.037	<0.037	0.016	<0.036	0.19	<0.037	0.038
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	*	11	1.8	0.72	0.9		<0.037	<0.037	0.062	<0.036	0.57	<0.037	0.052
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	*	11	2.1	0.98	0.09		<0.037	<0.037	0.055	<0.036	0.46	<0.037	<0.036
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	*	13	2.1	0.70	0.9		<0.037	<0.037	0.095	<0.036	0.54	<0.037	0.059
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	*	4.4	1.7	0.84	2,300		0.032	<0.037	0.043	<0.036	0.36	<0.037	0.020
Benzo(k)fluoranthene	mg/kg	9.0	---	1700	---	49	*	8.1	1.7	0.63	9.0		<0.037	<0.037	0.035	<0.036	0.16	<0.037	0.017
Chrysene	mg/kg	88	---	17000	---	160	*	11	2.7	1.1	88		<0.037	<0.037	0.066	<0.036	0.93	<0.037	0.077
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	*	1.0	0.42	0.15	0.09		<0.037	<0.037	<0.037	<0.036	<0.070	<0.037	<0.036
Fluoranthene	mg/kg	3,100	---	82,000	---	4,300	*	28	4.1	1.8	3,100		<0.037	0.015	0.11	<0.036	0.81	<0.037	0.14
Fluorene	mg/kg	3,100	---	82,000	---	560	*	1.1	0.18	0.04	560		<0.037	<0.037	<0.037	<0.036	0.15	<0.037	0.037
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	*	5.8	1.6	0.51	0.9		<0.037	<0.037	0.044	<0.036	0.17	<0.037	<0.036
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	*	0.26	0.20	0.17	1.8		<0.037	<0.037	0.012	<0.036	0.35	<0.037	0.22
Phenanthrene	mg/kg	---	---	---	---	---	*	15	2.5	0.99	200		<0.037	<0.037	0.076	<0.036	0.98	<0.037	0.28
Pyrene	mg/kg	2,300	---	61,000	---	4,200	*	18	3.0	1.2	2,300		<0.037	0.014	0.11	<0.036	1.7	<0.037	0.14
Bis(2-Ethylhexyl)phthalate	mg/kg	46	31,000	4,100	31,000	3,600	*	---	---	---	46		<0.19	<0.19	<0.19	<0.18	0.32	<0.19	<0.18
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	---	0.6		<0.19	<0.19	<0.19	<0.18	0.053	<0.19	<0.18
Dibenzofuran	mg/kg	---	---	---	---	---	*	---	---	---	6.1		<0.19	<0.19	<0.19	<0.18	0.15	<0.19	0.082
Di-n-butylphthalate	mg/kg	7,800	2,300	200,000	2,300	2,300	*	---	---	---	2,300		<0.19	<0.19	0.034	<0.18	0.067	<0.19	0.018
2,4-Dimethylphenol	mg/kg	1,600	---	41,000	---	9.0	*	---	---	---	9.0		<0.37	<0.37	<0.37	<0.36	<0.70	<0.37	0.30
2-Methylnaphthalene	mg/kg	---	---	---	---	---	*	---	0.14	0.29	7.2		<0.075	<0.075	0.015	<0.074	0.58	<0.075	0.27
2-Methylphenol	mg/kg	3900	---	100,000	---	15	*	---	---	---	15		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	0.021
4-Methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.19	<0.19	<0.19	<0.18	0.11	<0.19	0.047
4-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.1		<0.37	<0.37	<0.37	<0.36	<0.70	<0.37	<0.36
Phenol	mg/kg	23,000	---	61,000	---	100	*	---	---	---	100		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	0.022
Pesticide Organic Analytical Parameters																			
4,4'-DDD	mg/kg	3	---	520	---	16	*	---	---	---	3.0		--	<1.9	8.5	--	<1.9	--	<1.9
4,4'-DDE	mg/kg	2	---	370	---	54	*	---	---	---	2.0		--	1.2	18	--	<1.9	--	0.98
Aroclor Organic Analytical Parameters																			

Table 4-2 - Detected - Soil Analytical Results
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B14 (5-8)	5-B15 (1-5)	5-B15 (1-5)D	5-B15 (5-12)	5-B16 (1-5)	5-B16 (5-9)	5-B17 (1-5)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	5-8	1-5	1-5	5-12	1-5	5-9	1-5
												Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		pH	6.3	7.5	7.4	6.6	7.7	6.6	7.2
												PID	*ND	*ND	*ND	*ND	2.5	*ND	*ND
												Classification	(a)(5)	(a)(2)	(a)(5)	Unrestricted	(a)(5)	(a)(2)	(a)(1)
Aroclor - 1248	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.019	<0.019	--	5.7	--	0.091
Aroclor - 1254	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.019	<0.019	--	<0.37	--	<0.019
Inorganic Analytical Parameters																			
Arsenic	mg/kg	11.3	750	61	25,000	---	*	13.0	13.0	11.3	11.3		4.5	3.3	4.0	0.92	3.0	2.1	2.6
Barium	mg/kg	5,500	690,000	14,000	870,000	---	*	110	110	122	1,500		17	120	150	9.9	35	41	41
Cadmium	mg/kg	78	1,800	200	59,000	---	*	0.6	0.6	0.5	5.2		0.073	0.15	0.24	<0.21	0.21	<0.22	0.31
Chromium	mg/kg	230	270	4,100	690	---	*	16.2	16.2	13	21		39	19	17	6.6	27	14	35
Lead	mg/kg	400	---	700	---	---	*	36	36	20.9	107		16	8.3	8.7	2.2	66	5.1	260
Mercury	mg/kg	23	10	61	0.1	---	*	0.06	0.06	0.05	0.89		0.022	0.029	0.040	0.013	0.023	0.021	0.037
Selenium	mg/kg	390	---	1,000	---	---	*	0.48	0.48	0.37	1.3		1.8	<1.1	<1.1	<1.0	<0.98	<1.1	<1.1
Silver	mg/kg	390	---	1,000	---	---	*	0.55	0.55	0.5	4.4		4.1	0.82	2.0	<0.52	1.6	0.93	2.0
Antimony	mg/kg	31	---	82	---	---	*	4.0	4.0	3.3	5.0		<2.2	<2.2	<2.2	<2.1	1.2	<2.2	1.2
Beryllium	mg/kg	160	1300	410	44,000	---	*	0.59	0.59	0.56	22		0.40	0.53	0.52	0.33	<0.39	0.69	<0.44
Cobalt	mg/kg	4,700	---	12,000	---	---	*	8.9	8.9	8.9	20		28	7.3	7.6	3.6	1.8	4.7	1.9
Copper	mg/kg	2,900	---	8,200	---	---	*	19.6	19.6	12	2,900		4.2	14	14	15	37	10	39
Cyanide	mg/kg	1,600	---	4,100	---	---	*	0.51	0.51	0.5	40		0.28	<0.27	<0.27	<0.26	<0.25	<0.28	0.16
Iron	mg/kg	---	---	---	---	---	*	15,900	15,900	15,000	15,000		51000	14000	13000	1900	18000	6600	25000
Magnesium	mg/kg	325,000	---	730,000	---	---	*	4,820	4,820	2,700	---		320	2200	1800	340	2600	1300	2400
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	*	636	636	630	630		2100	460	990	47	730	150	950
Nickel	mg/kg	1,600	13,000	4,100	440,000	---	*	18	18	13	100		34	18	17	5.2	18	9.7	24
Thallium	mg/kg	6.3	---	160	---	---	*	0.32	0.32	0.42	2.6		3.2	0.90	1.8	<1.0	1.6	<1.1	1.9
Vanadium	mg/kg	550	---	1,400	---	---	*	25.2	25.2	25	550		28	30	28	4.7	4.1	15	3.3
Zinc	mg/kg	23,000	---	61,000	---	---	*	95.0	95.0	60.2	5,100		17	43	43	2.3	56	15	110
TCLP																			
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Chromium	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		0.0019	--	--	--	0.0067	--	0.0036
Lead	mg/L	---	---	---	---	0.0075	---	---	---	---	0.0075		--	--	--	--	--	--	0.44
Selenium	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		<0.010	--	--	--	--	--	--
Silver	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	---	0.006		--	--	--	--	--	--	--
Cobalt	mg/L	---	---	---	---	1.0	---	---	---	---	1.0		<0.0050	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	---	5.0		<0.20	<0.20	0.39	0.10	9.1	0.19	30
Manganese	mg/L	---	---	---	---	0.15	---	---	---	---	0.15		0.063	8.1	1.2	0.89	3.5	2.3	5.7
Nickel	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	--	--	--	--
Thallium	mg/L	---	---	---	---	0.002	---	---	---	---	0.002		<0.0020	--	--	--	--	--	--
Inorganic Analytical Parameters (SPLP)																			
Antimony	mg/L	---	---	---	---	0.006	*	---	---	---	0.006		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	*	---	---	---	5.0		--	--	--	--	2.3	--	3.2
Lead	mg/L	---	---	---	---	0.0075	*	---	---	---	0.0075		--	--	--	--	--	--	0.024
Manganese	mg/L	---	---	---	---	0.15	*	---	---	---	0.15		--	1.3	1.4	0.081	0.029	0.70	0.071
Mismatched CAS Numbers																			
gamma-Chlordane	---	---	---	---	---	---	---	---	---	---	---		--	<1.9	<2.0	--	<1.9	--	<1.9
Boron	---	---	---	---	---	---	---	---	---	---	---		6.3	7.5	7.5	5.1	11	6.8	3.8

Table 4-2 - Detected - Soil Analytical Results
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B17 (5-12)	5-B18 (1-5)	5-B18 (5-12)	5-B19 (1-5)	5-B19 (5-12)	5-B20 (1-5)	5-B20 (1-5)D
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	5-12	1-5	5-12	1-5	5-12	1-5	1-5
												Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
												pH	7.1	7.3	6.5	6.9	6.8	7.1	7.5
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(2)	(a)(5)	(a)(2)	(a)(2)	(a)(2)	(a)(2)	(a)(2)
Volatile Organic Analytical Parameters																			
Benzene	mg/kg	12	0.8	2,300	2.2	0.03	*	---	---	---	0.03		0.0015	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
Toluene	mg/kg	16,000	650	410,000	42	12	*	---	---	---	12		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
Xylenes (total)	mg/kg	16,000	320	41,000	5.6	150	*	---	---	---	5.6		<0.0027	<0.0039	<0.0037	<0.0035	<0.0039	<0.0028	<0.0030
Acetone	mg/kg	70,000	100,000	---	100,000	25	*	---	---	---	25		<0.013	0.029	0.019	0.014	0.011	0.010	<0.015
2-Butanone	mg/kg	---	---	---	---	---	*	---	---	---	17		<0.0033	0.0053	<0.0046	<0.0044	<0.0049	0.0024	<0.0038
Carbon Disulfide	mg/kg	7,800	720	20,000	9.0	32	*	---	---	---	9.0		<0.0033	<0.0049	<0.0046	<0.0044	<0.0049	<0.0035	<0.0038
cis-1,2-Dichloroethene	mg/kg	780	1,200	20,000	1,200	0.4	*	---	---	---	0.4		<0.0013	<0.0019	<0.0018	0.00092	<0.0020	<0.0014	<0.0015
1,1-Dichloroethane	mg/kg	7,800	1,300	200,000	130	23	*	---	---	---	23		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
1,1-Dichloroethene	mg/kg	3,900	290	10,000	3.0	0.06	*	---	---	---	0.06		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
trans-1,2-Dichloroethene	mg/kg	1,600	3,100	41,000	3,100	0.7	*	---	---	---	0.7		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
Trichloroethene	mg/kg	58	5.0	1,200	12	0.06	*	---	---	---	0.06		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
1,1,1-Trichloroethane	mg/kg	---	1,200	---	1,200	2.0	*	---	---	---	2.0		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
Vinyl Chloride	mg/kg	0.46	0.28	170	1.1	0.01	*	---	---	---	0.01		<0.0013	<0.0019	<0.0018	0.00076	<0.0020	0.00058	<0.0015
Semivolatile Organic Analytical Parameters																			
Acenaphthene	mg/kg	4,700	---	120,000	---	570	*	0.94	0.13	0.04	570		<0.036	0.050	<0.041	<0.036	<0.044	<0.036	<0.036
Acenaphthylene	mg/kg	---	---	---	---	---	*	0.25	0.07	0.04	85		<0.036	0.019	<0.041	<0.036	<0.044	<0.036	<0.036
Anthracene	mg/kg	23,000	---	610,000	---	12,000	*	2.6	0.40	0.14	12,000		<0.036	0.081	<0.041	0.010	<0.044	<0.036	<0.036
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	*	11	1.8	0.72	0.9		<0.036	0.13	<0.041	0.023	<0.044	<0.036	<0.036
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	*	11	2.1	0.98	0.09		<0.036	0.091	<0.041	<0.036	<0.044	<0.036	<0.036
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	*	13	2.1	0.70	0.9		<0.036	0.16	<0.041	<0.036	<0.044	<0.036	<0.036
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	*	4.4	1.7	0.84	2,300		<0.036	0.093	<0.041	<0.036	<0.044	<0.036	<0.036
Benzo(k)fluoranthene	mg/kg	9.0	---	1700	---	49	*	8.1	1.7	0.63	9.0		<0.036	0.055	<0.041	<0.036	<0.044	<0.036	<0.036
Chrysene	mg/kg	88	---	17000	---	160	*	11	2.7	1.1	88		<0.036	0.19	<0.041	0.032	<0.044	<0.036	<0.036
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	*	1.0	0.42	0.15	0.09		<0.036	<0.036	<0.041	<0.036	<0.044	<0.036	<0.036
Fluoranthene	mg/kg	3,100	---	82,000	---	4,300	*	28	4.1	1.8	3,100		<0.036	0.31	<0.041	0.043	<0.044	<0.036	<0.036
Fluorene	mg/kg	3,100	---	82,000	---	560	*	1.1	0.18	0.04	560		<0.036	0.095	<0.041	<0.036	<0.044	<0.036	<0.036
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	*	5.8	1.6	0.51	0.9		<0.036	0.047	<0.041	<0.036	<0.044	<0.036	<0.036
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	*	0.26	0.20	0.17	1.8		<0.036	0.25	<0.041	0.032	<0.044	<0.036	<0.036
Phenanthrene	mg/kg	---	---	---	---	---	*	15	2.5	0.99	200		<0.036	0.54	<0.041	0.065	<0.044	<0.036	0.0087
Pyrene	mg/kg	2,300	---	61,000	---	4,200	*	18	3.0	1.2	2,300		<0.036	0.33	<0.041	0.049	<0.044	<0.036	<0.036
Bis(2-Ethylhexyl)phthalate	mg/kg	46	31,000	4,100	31,000	3,600	*	---	---	---	46		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	---	0.6		<0.18	0.030	<0.21	<0.18	<0.22	<0.18	<0.18
Dibenzofuran	mg/kg	---	---	---	---	---	*	---	---	---	6.1		<0.18	0.092	<0.21	0.013	<0.22	<0.18	<0.18
Di-n-butylphthalate	mg/kg	7,800	2,300	200,000	2,300	2,300	*	---	---	---	2,300		<0.18	0.026	<0.21	<0.18	<0.22	<0.18	<0.18
2,4-Dimethylphenol	mg/kg	1,600	---	41,000	---	9.0	*	---	---	---	9.0		<0.36	0.27	<0.41	<0.36	<0.44	<0.36	<0.36
2-Methylnaphthalene	mg/kg	---	---	---	---	---	*	---	0.14	0.29	7.2		<0.073	0.32	<0.083	0.043	<0.089	<0.074	<0.073
2-Methylphenol	mg/kg	3900	---	100,000	---	15	*	---	---	---	15		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
4-Methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.18	0.057	<0.21	<0.18	<0.22	<0.18	<0.18
4-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.1		<0.36	<0.36	<0.41	<0.36	<0.44	<0.36	<0.36
Phenol	mg/kg	23,000	---	61,000	---	100	*	---	---	---	100		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
Pesticide Organic Analytical Parameters																			
4,4'-DDD	mg/kg	3	---	520	---	16	*	---	---	---	3.0		--	<1.8	--	<1.9	--	<1.8	<1.9
4,4'-DDE	mg/kg	2	---	370	---	54	*	---	---	---	2.0		--	<1.8	--	<1.9	--	<1.8	<1.9
Aroclor Organic Analytical Parameters																			

Table 4-2 - Detected - Soil Analytical Results
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B17 (5-12)	5-B18 (1-5)	5-B18 (5-12)	5-B19 (1-5)	5-B19 (5-12)	5-B20 (1-5)	5-B20 (1-5)D
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	5-12	1-5	5-12	1-5	5-12	1-5	1-5
												Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		pH	7.1	7.3	6.5	6.9	6.8	7.1	7.5
												PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(2)	(a)(5)	(a)(2)	(a)(2)	(a)(2)	(a)(2)	(a)(2)
Aroclor - 1248	mg/kg	---	---	---	---	---	*	---	---	---	---		--	1.0	--	0.051	--	<0.018	0.030
Aroclor - 1254	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.087	--	<0.019	--	<0.018	<0.019
Inorganic Analytical Parameters																			
Arsenic	mg/kg	11.3	750	61	25,000	---	*	13.0	13.0	11.3	11.3		0.83	2.7	2.7	4.8	6.7	2.6	3.5
Barium	mg/kg	5,500	690,000	14,000	870,000	---	*	110	110	122	1,500		9.8	50	120	83	110	62	85
Cadmium	mg/kg	78	1,800	200	59,000	---	*	0.6	0.6	0.5	5.2		<0.22	0.41	0.18	0.13	0.16	0.18	0.074
Chromium	mg/kg	230	270	4,100	690	---	*	16.2	16.2	13	21		3.3	30	22	23	25	12	24
Lead	mg/kg	400	---	700	---	---	*	36	36	20.9	107		2.0	470	10	16	15	13	8.4
Mercury	mg/kg	23	10	61	0.1	---	*	0.06	0.06	0.05	0.89		0.012	0.035	0.037	0.051	0.051	0.034	0.024
Selenium	mg/kg	390	---	1,000	---	---	*	0.48	0.48	0.37	1.3		<1.1	<1.0	<1.2	<1.1	<1.2	<1.1	<1.0
Silver	mg/kg	390	---	1,000	---	---	*	0.55	0.55	0.5	4.4		<0.54	2.7	<0.61	0.79	0.47	0.47	0.55
Antimony	mg/kg	31	---	82	---	---	*	4.0	4.0	3.3	5.0		<2.2	0.97	<2.4	<2.3	<2.3	<2.2	<2.1
Beryllium	mg/kg	160	1300	410	44,000	---	*	0.59	0.59	0.56	22		<0.44	0.12	0.61	0.40	0.61	0.28	0.39
Cobalt	mg/kg	4,700	---	12,000	---	---	*	8.9	8.9	8.9	20		2.7	2.1	7.3	8.5	13	5.7	8.6
Copper	mg/kg	2,900	---	8,200	---	---	*	19.6	19.6	12	2,900		3.2	33	12	22	7.3	8.0	20
Cyanide	mg/kg	1,600	---	4,100	---	---	*	0.51	0.51	0.5	40		<0.24	<0.25	<0.30	<0.28	<0.32	<0.24	<0.27
Iron	mg/kg	---	---	---	---	---	*	15,900	15,900	15,000	15,000		1500	21000	15000	18000	35000	8100	18000
Magnesium	mg/kg	325,000	---	730,000	---	---	*	4,820	4,820	2,700	---		200	3800	2400	3400	4300	1400	3200
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	*	636	636	630	630		27	1200	120	420	240	270	330
Nickel	mg/kg	1,600	13,000	4,100	440,000	---	*	18	18	13	100		4.3	23	18	21	24	9.3	18
Thallium	mg/kg	6.3	---	160	---	---	*	0.32	0.32	0.42	2.6		<1.1	2.2	<1.2	0.89	<1.2	0.82	0.87
Vanadium	mg/kg	550	---	1,400	---	---	*	25.2	25.2	25	550		3.0	4.6	30	46	58	20	48
Zinc	mg/kg	23,000	---	61,000	---	---	*	95.0	95.0	60.2	5,100		7.5	150	44	53	72	31	34
TCLP																			
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Chromium	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	<0.010	<0.010	0.0023	<0.010	--	<0.010
Lead	mg/L	---	---	---	---	0.0075	---	---	---	---	0.0075		--	0.10	--	--	--	--	--
Selenium	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Silver	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	---	0.006		--	--	--	--	--	--	--
Cobalt	mg/L	---	---	---	---	1.0	---	---	---	---	1.0		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	---	5.0		0.66	0.22	1.1	9.1	0.18	0.24	0.48
Manganese	mg/L	---	---	---	---	0.15	---	---	---	---	0.15		1.2	2.0	0.70	8.2	2.1	6.2	3.0
Nickel	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	--	--	--	--
Thallium	mg/L	---	---	---	---	0.002	---	---	---	---	0.002		--	--	--	--	--	--	--
Inorganic Analytical Parameters (SPLP)																			
Antimony	mg/L	---	---	---	---	0.006	*	---	---	---	0.006		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	*	---	---	---	5.0		--	--	--	110	--	--	--
Lead	mg/L	---	---	---	---	0.0075	*	---	---	---	0.0075		--	0.039	--	--	--	--	--
Manganese	mg/L	---	---	---	---	0.15	*	---	---	---	0.15		0.38	0.026	0.18	1.6	0.28	0.68	0.76
Mismatched CAS Numbers																			
gamma-Chlordane	---	---	---	---	---	---	---	---	---	---	---		--	<1.8	--	<1.9	--	<1.8	<1.9
Boron	---	---	---	---	---	---	---	---	---	---	---		3.2	6.3	4.7	6.8	6.7	4.1	5.6

Table 4-2 - Detected - Soil Analytical Results
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B20 (5-12)	5-B21 (1-5)	5-B21 (5-12)	5-B22 (1-5)	5-B22 (5-12)	5-B23 (1-5)	5-B23 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	5-12	1-5	5-12	1-5	5-12	1-5	5-12
												Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-23	2025-05-23
												pH	6.9	7.4	6.5	7.1	6.4	7.9	7.0
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	Unrestricted	(a)(1)	Unrestricted	(a)(5)	Unrestricted	(a)(5)	(a)(2)
Volatile Organic Analytical Parameters																			
Benzene	mg/kg	12	0.8	2,300	2.2	0.03	*	---	---	---	0.03		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
Toluene	mg/kg	16,000	650	410,000	42	12	*	---	---	---	12		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
Xylenes (total)	mg/kg	16,000	320	41,000	5.6	150	*	---	---	---	5.6		<0.0034	<0.0022	<0.0034	<0.0038	<0.0036	<0.0024	<0.0031
Acetone	mg/kg	70,000	100,000	---	100,000	25	*	---	---	---	25		0.016	0.0053	0.029	<0.019	0.025	0.0082	0.012
2-Butanone	mg/kg	---	---	---	---	---	*	---	---	---	17		0.0033	<0.0028	0.0083	<0.0047	0.0062	<0.0030	0.0018
Carbon Disulfide	mg/kg	7,800	720	20,000	9.0	32	*	---	---	---	9.0		<0.0042	0.0017	<0.0043	<0.0047	<0.0045	<0.0030	<0.0039
cis-1,2-Dichloroethene	mg/kg	780	1,200	20,000	1,200	0.4	*	---	---	---	0.4		<0.0017	0.074	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
1,1-Dichloroethane	mg/kg	7,800	1,300	200,000	130	23	*	---	---	---	23		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
1,1-Dichloroethene	mg/kg	3,900	290	10,000	3.0	0.06	*	---	---	---	0.06		<0.0017	0.00085	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
trans-1,2-Dichloroethene	mg/kg	1,600	3,100	41,000	3,100	0.7	*	---	---	---	0.7		<0.0017	0.0027	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
Trichloroethene	mg/kg	58	5.0	1,200	12	0.06	*	---	---	---	0.06		<0.0017	0.0019	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
1,1,1-Trichloroethane	mg/kg	---	1,200	---	1,200	2.0	*	---	---	---	2.0		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
Vinyl Chloride	mg/kg	0.46	0.28	170	1.1	0.01	*	---	---	---	0.01		<0.0017	0.0038	<0.0017	<0.0019	<0.0018	0.00079	<0.0015
Semivolatile Organic Analytical Parameters																			
Acenaphthene	mg/kg	4,700	---	120,000	---	570	*	0.94	0.13	0.04	570		<0.039	0.030	<0.039	0.028	<0.045	0.24	<0.044
Acenaphthylene	mg/kg	---	---	---	---	---	*	0.25	0.07	0.04	85		<0.039	<0.037	<0.039	<0.038	<0.045	0.043	<0.044
Anthracene	mg/kg	23,000	---	610,000	---	12,000	*	2.6	0.40	0.14	12,000		<0.039	0.078	<0.039	0.050	<0.045	0.85	<0.044
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	*	11	1.8	0.72	0.9		<0.039	0.19	<0.039	0.062	<0.045	2.0	0.027
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	*	11	2.1	0.98	0.09		<0.039	0.16	<0.039	<0.038	<0.045	2.1	<0.044
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	*	13	2.1	0.70	0.9		<0.039	0.28	<0.039	0.080	<0.045	3.0	<0.044
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	*	4.4	1.7	0.84	2,300		<0.039	0.15	<0.039	0.042	<0.045	1.6	0.022
Benzo(k)fluoranthene	mg/kg	9.0	---	1700	---	49	*	8.1	1.7	0.63	9.0		<0.039	0.088	<0.039	0.027	<0.045	1.0	<0.044
Chrysene	mg/kg	88	---	17000	---	160	*	11	2.7	1.1	88		<0.039	0.29	<0.039	0.11	<0.045	2.4	0.029
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	*	1.0	0.42	0.15	0.09		<0.039	<0.037	<0.039	<0.038	<0.045	0.40	<0.044
Fluoranthene	mg/kg	3,100	---	82,000	---	4,300	*	28	4.1	1.8	3,100		<0.039	0.48	0.018	0.19	<0.045	5.4	0.042
Fluorene	mg/kg	3,100	---	82,000	---	560	*	1.1	0.18	0.04	560		<0.039	0.048	<0.039	0.063	<0.045	0.30	<0.044
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	*	5.8	1.6	0.51	0.9		<0.039	0.13	<0.039	<0.038	<0.045	1.6	<0.044
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	*	0.26	0.20	0.17	1.8		<0.039	0.20	<0.039	0.24	<0.045	0.21	0.038
Phenanthrene	mg/kg	---	---	---	---	---	*	15	2.5	0.99	200		<0.039	0.62	0.012	0.34	<0.045	2.8	0.057
Pyrene	mg/kg	2,300	---	61,000	---	4,200	*	18	3.0	1.2	2,300		<0.039	0.38	0.013	0.22	<0.045	4.1	0.040
Bis(2-Ethylhexyl)phthalate	mg/kg	46	31,000	4,100	31,000	3,600	*	---	---	---	46		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	---	0.6		<0.19	0.039	<0.20	<0.19	<0.23	0.22	<0.22
Dibenzofuran	mg/kg	---	---	---	---	---	*	---	---	---	6.1		<0.19	0.11	<0.20	0.10	<0.23	0.21	<0.22
Di-n-butylphthalate	mg/kg	7,800	2,300	200,000	2,300	2,300	*	---	---	---	2,300		<0.19	0.024	<0.20	<0.19	<0.23	<0.37	<0.22
2,4-Dimethylphenol	mg/kg	1,600	---	41,000	---	9.0	*	---	---	---	9.0		<0.39	<0.37	<0.39	<0.38	<0.45	<0.73	<0.44
2-Methylnaphthalene	mg/kg	---	---	---	---	---	*	---	0.14	0.29	7.2		<0.078	0.32	<0.079	0.35	<0.091	0.23	0.046
2-Methylphenol	mg/kg	3900	---	100,000	---	15	*	---	---	---	15		<0.19	<0.19	<0.20	0.023	<0.23	<0.37	<0.22
4-Methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.19	<0.19	<0.20	0.049	<0.23	<0.37	<0.22
4-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.1		<0.39	<0.37	<0.39	<0.38	<0.45	<0.73	<0.44
Phenol	mg/kg	23,000	---	61,000	---	100	*	---	---	---	100		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
Pesticide Organic Analytical Parameters																			
4,4'-DDD	mg/kg	3	---	520	---	16	*	---	---	---	3.0		--	<1.9	--	<2.0	--	<1.9	--
4,4'-DDE	mg/kg	2	---	370	---	54	*	---	---	---	2.0		--	<1.9	--	<2.0	--	<1.9	--
Aroclor Organic Analytical Parameters																			

Table 4-2 - Detected - Soil Analytical Results
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B20 (5-12)	5-B21 (1-5)	5-B21 (5-12)	5-B22 (1-5)	5-B22 (5-12)	5-B23 (1-5)	5-B23 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	5-12	1-5	5-12	1-5	5-12	1-5	5-12
												Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-23	2025-05-23
												pH	6.9	7.4	6.5	7.1	6.4	7.9	7.0
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	Unrestricted	(a)(1)	Unrestricted	(a)(5)	Unrestricted	(a)(5)	(a)(2)
Aroclor - 1248	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.019	--	<0.019	--	<0.093	--
Aroclor - 1254	mg/kg	---	---	---	---	---	*	---	---	---	---		--	0.075	--	0.055	--	0.31	--
Inorganic Analytical Parameters																			
Arsenic	mg/kg	11.3	750	61	25,000	---	*	13.0	13.0	11.3	11.3		1.6	4.0	3.0	18	1.9	5.6	2.4
Barium	mg/kg	5,500	690,000	14,000	870,000	---	*	110	110	122	1,500		80	93	93	64	120	160	140
Cadmium	mg/kg	78	1,800	200	59,000	---	*	0.6	0.6	0.5	5.2		0.15	1.7	0.33	3.5	0.34	0.98	0.36
Chromium	mg/kg	230	270	4,100	690	---	*	16.2	16.2	13	21		17	26	19	150	21	49	22
Lead	mg/kg	400	---	700	---	---	*	36	36	20.9	107		6.8	110	9.9	75	11	310	15
Mercury	mg/kg	23	10	61	0.1	---	*	0.06	0.06	0.05	0.89		0.034	0.030	0.039	0.0078	0.041	0.18	0.043
Selenium	mg/kg	390	---	1,000	---	---	*	0.48	0.48	0.37	1.3		<1.1	<1.1	<1.0	1.3	<1.4	0.73	<1.2
Silver	mg/kg	390	---	1,000	---	---	*	0.55	0.55	0.5	4.4		<0.54	<0.54	<0.51	<2.9	<0.68	0.20	<0.58
Antimony	mg/kg	31	---	82	---	---	*	4.0	4.0	3.3	5.0		<2.1	<2.2	<2.1	<2.3	<2.7	0.98	<2.3
Beryllium	mg/kg	160	1300	410	44,000	---	*	0.59	0.59	0.56	22		0.42	0.55	0.61	0.79	0.69	1.3	0.70
Cobalt	mg/kg	4,700	---	12,000	---	---	*	8.9	8.9	8.9	20		5.6	7.1	7.0	11	5.8	9.0	7.9
Copper	mg/kg	2,900	---	8,200	---	---	*	19.6	19.6	12	2,900		11	26	14	270	18	50	18
Cyanide	mg/kg	1,600	---	4,100	---	---	*	0.51	0.51	0.5	40		<0.28	<0.27	<0.26	<0.26	<0.29	<0.24	<0.31
Iron	mg/kg	---	---	---	---	---	*	15,900	15,900	15,000	15,000		11000	19000	15000	83000	14000	25000	16000
Magnesium	mg/kg	325,000	---	730,000	---	---	*	4,820	4,820	2,700	---		2200	3900	2900	3700	3000	4100	3100
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	*	636	636	630	630		77	400	74	1000	120	460	260
Nickel	mg/kg	1,600	13,000	4,100	440,000	---	*	18	18	13	100		14	24	17	160	20	33	24
Thallium	mg/kg	6.3	---	160	---	---	*	0.32	0.32	0.42	2.6		<1.1	2.4	0.61	7.1	<1.4	2.8	1.7
Vanadium	mg/kg	550	---	1,400	---	---	*	25.2	25.2	25	550		22	34	33	19	35	34	33
Zinc	mg/kg	23,000	---	61,000	---	---	*	95.0	95.0	60.2	5,100		34	86	49	86	48	260	62
TCLP																			
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	<0.010	--	--	--
Chromium	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	<0.010	--	<0.010	<0.010	<0.010	<0.010
Lead	mg/L	---	---	---	---	0.0075	---	---	---	---	0.0075		--	0.068	--	--	--	0.13	--
Selenium	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	<0.010	--	--	--
Silver	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	---	0.006		--	--	--	--	--	--	--
Cobalt	mg/L	---	---	---	---	1.0	---	---	---	---	1.0		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	---	5.0		0.24	0.89	0.96	<0.20	0.32	<0.20	0.36
Manganese	mg/L	---	---	---	---	0.15	---	---	---	---	0.15		0.79	9.3	1.1	1.4	0.84	3.6	6.1
Nickel	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	0.022	--	--	--
Thallium	mg/L	---	---	---	---	0.002	---	---	---	---	0.002		--	--	--	<0.0020	--	<0.0020	--
Inorganic Analytical Parameters (SPLP)																			
Antimony	mg/L	---	---	---	---	0.006	*	---	---	---	0.006		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	*	---	---	---	5.0		--	--	--	--	--	--	--
Lead	mg/L	---	---	---	---	0.0075	*	---	---	---	0.0075		--	0.41	--	--	--	0.12	--
Manganese	mg/L	---	---	---	---	0.15	*	---	---	---	0.15		0.066	1.3	0.10	0.098	0.087	0.030	0.93
Mismatched CAS Numbers																			
gamma-Chlordane	---	---	---	---	---	---	---	---	---	---	---		--	<1.9	--	<2.0	--	<1.9	--
Boron	---	---	---	---	---	---	---	---	---	---	---		3.5	7.6	5.7	11	6.5	29	9.1

Table 4-2 - Detected - Soil Analytical Results
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B24 (1-5)	5-B24 (5-12)	5-B25 (1-5)	5-B25 (5-12)	5-B25 (5-12)D	5-B26 (1-5)	5-B26 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	5-12	5-12	1-5	5-12
												Date Collected	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		pH	7.5	7.1	7.1	7.4	7.4	7.5	7.3
												PID	5.1	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(5)	Unrestricted	(a)(2)	Unrestricted	Unrestricted	Unrestricted	(a)(2)
Volatile Organic Analytical Parameters																			
Benzene	mg/kg	12	0.8	2,300	2.2	0.03	*	---	---	---	0.03		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
Toluene	mg/kg	16,000	650	410,000	42	12	*	---	---	---	12		0.00037	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
Xylenes (total)	mg/kg	16,000	320	41,000	5.6	150	*	---	---	---	5.6		0.0016	<0.0039	<0.0025	<0.0038	<0.0034	<0.0029	<0.0025
Acetone	mg/kg	70,000	100,000	---	100,000	25	*	---	---	---	25		0.020	0.027	0.0078	0.031	0.038	<0.015	0.0088
2-Butanone	mg/kg	---	---	---	---	---	*	---	---	---	17		0.0054	0.0037	<0.0031	0.0087	0.0099	<0.0036	<0.0032
Carbon Disulfide	mg/kg	7,800	720	20,000	9.0	32	*	---	---	---	9.0		<0.0042	<0.0049	<0.0031	<0.0047	0.0027	<0.0036	<0.0032
cis-1,2-Dichloroethene	mg/kg	780	1,200	20,000	1,200	0.4	*	---	---	---	0.4		<0.0017	<0.0019	0.0024	<0.0019	<0.0017	<0.0015	<0.0013
1,1-Dichloroethane	mg/kg	7,800	1,300	200,000	130	23	*	---	---	---	23		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
1,1-Dichloroethene	mg/kg	3,900	290	10,000	3.0	0.06	*	---	---	---	0.06		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
trans-1,2-Dichloroethene	mg/kg	1,600	3,100	41,000	3,100	0.7	*	---	---	---	0.7		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
Trichloroethene	mg/kg	58	5.0	1,200	12	0.06	*	---	---	---	0.06		<0.0017	<0.0019	0.00085	<0.0019	<0.0017	<0.0015	<0.0013
1,1,1-Trichloroethane	mg/kg	---	1,200	---	1,200	2.0	*	---	---	---	2.0		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
Vinyl Chloride	mg/kg	0.46	0.28	170	1.1	0.01	*	---	---	---	0.01		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
Semivolatile Organic Analytical Parameters																			
Acenaphthene	mg/kg	4,700	---	120,000	---	570	*	0.94	0.13	0.04	570		16	0.021	<0.037	<0.040	<0.041	<0.037	<0.037
Acenaphthylene	mg/kg	---	---	---	---	---	*	0.25	0.07	0.04	85		0.26	<0.041	<0.037	<0.040	<0.041	<0.037	<0.037
Anthracene	mg/kg	23,000	---	610,000	---	12,000	*	2.6	0.40	0.14	12,000		11	0.045	<0.037	<0.040	<0.041	<0.037	0.020
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	*	11	1.8	0.72	0.9		14	0.093	0.024	<0.040	<0.041	<0.037	0.030
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	*	11	2.1	0.98	0.09		13	0.089	<0.037	<0.040	<0.041	<0.037	<0.037
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	*	13	2.1	0.70	0.9		17	0.13	<0.037	<0.040	<0.041	<0.037	0.037
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	*	4.4	1.7	0.84	2,300		8.7	0.073	<0.037	<0.040	<0.041	<0.037	0.026
Benzo(k)fluoranthene	mg/kg	9.0	---	1700	---	49	*	8.1	1.7	0.63	9.0		5.9	0.039	<0.037	<0.040	<0.041	<0.037	<0.037
Chrysene	mg/kg	88	---	17000	---	160	*	11	2.7	1.1	88		17	0.11	0.024	0.012	<0.041	<0.037	0.036
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	*	1.0	0.42	0.15	0.09		2.3	<0.041	<0.037	<0.040	<0.041	<0.037	<0.037
Fluoranthene	mg/kg	3,100	---	82,000	---	4,300	*	28	4.1	1.8	3,100		--	0.26	0.043	0.026	<0.041	<0.037	0.051
Fluorene	mg/kg	3,100	---	82,000	---	560	*	1.1	0.18	0.04	560		14	0.022	<0.037	<0.040	<0.041	<0.037	0.015
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	*	5.8	1.6	0.51	0.9		8.8	0.069	<0.037	<0.040	<0.041	<0.037	<0.037
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	*	0.26	0.20	0.17	1.8		20	0.053	0.011	<0.040	<0.041	<0.037	0.094
Phenanthrene	mg/kg	---	---	---	---	---	*	15	2.5	0.99	200		--	0.22	0.030	0.013	<0.041	<0.037	0.12
Pyrene	mg/kg	2,300	---	61,000	---	4,200	*	18	3.0	1.2	2,300		--	0.20	0.041	0.013	<0.041	<0.037	0.047
Bis(2-Ethylhexyl)phthalate	mg/kg	46	31,000	4,100	31,000	3,600	*	---	---	---	46		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	---	0.6		7.7	0.024	<0.19	<0.20	<0.20	<0.19	<0.19
Dibenzofuran	mg/kg	---	---	---	---	---	*	---	---	---	6.1		11	0.021	<0.19	<0.20	<0.20	<0.19	0.031
Di-n-butylphthalate	mg/kg	7,800	2,300	200,000	2,300	2,300	*	---	---	---	2,300		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
2,4-Dimethylphenol	mg/kg	1,600	---	41,000	---	9.0	*	---	---	---	9.0		<0.75	<0.41	<0.37	<0.40	<0.41	<0.37	<0.37
2-Methylnaphthalene	mg/kg	---	---	---	---	---	*	---	0.14	0.29	7.2		6.1	0.025	<0.075	<0.082	<0.082	<0.075	0.12
2-Methylphenol	mg/kg	3900	---	100,000	---	15	*	---	---	---	15		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
4-Methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
4-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.1		<0.75	<0.41	<0.37	<0.40	<0.41	<0.37	<0.37
Phenol	mg/kg	23,000	---	61,000	---	100	*	---	---	---	100		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
Pesticide Organic Analytical Parameters																			
4,4'-DDD	mg/kg	3	---	520	---	16	*	---	---	---	3.0		15	--	<1.9	--	--	<2.0	--
4,4'-DDE	mg/kg	2	---	370	---	54	*	---	---	---	2.0		13	--	<1.9	--	--	<2.0	--
Aroclor Organic Analytical Parameters																			

Table 4-2 - Detected - Soil Analytical Results
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B24 (1-5)	5-B24 (5-12)	5-B25 (1-5)	5-B25 (5-12)	5-B25 (5-12)D	5-B26 (1-5)	5-B26 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	5-12	5-12	1-5	5-12
												Date Collected	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		pH	7.5	7.1	7.1	7.4	7.4	7.5	7.3
												PID	5.1	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(5)	Unrestricted	(a)(2)	Unrestricted	Unrestricted	Unrestricted	(a)(2)
Aroclor - 1248	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.020	--	0.083	--	--	<0.019	--
Aroclor - 1254	mg/kg	---	---	---	---	---	*	---	---	---	---		0.088	--	<0.019	--	--	<0.019	--
Inorganic Analytical Parameters																			
Arsenic	mg/kg	11.3	750	61	25,000	---	*	13.0	13.0	11.3	11.3		6.8	2.5	4.4	2.2	1.7	5.6	5.2
Barium	mg/kg	5,500	690,000	14,000	870,000	---	*	110	110	122	1,500		150	81	77	130	130	130	97
Cadmium	mg/kg	78	1,800	200	59,000	---	*	0.6	0.6	0.5	5.2		1.0	0.20	0.13	0.29	0.30	0.093	0.11
Chromium	mg/kg	230	270	4,100	690	---	*	16.2	16.2	13	21		110	22	19	20	22	31	25
Lead	mg/kg	400	---	700	---	---	*	36	36	20.9	107		780	13	30	11	11	10	17
Mercury	mg/kg	23	10	61	0.1	---	*	0.06	0.06	0.05	0.89		0.062	0.039	0.021	0.039	0.043	0.025	0.022
Selenium	mg/kg	390	---	1,000	---	---	*	0.48	0.48	0.37	1.3		<1.1	<1.2	<1.1	<1.1	<1.2	<1.0	<1.1
Silver	mg/kg	390	---	1,000	---	---	*	0.55	0.55	0.5	4.4		<0.56	<0.58	<0.55	<0.54	<0.62	<0.52	<0.56
Antimony	mg/kg	31	---	82	---	---	*	4.0	4.0	3.3	5.0		6.7	<2.3	<2.2	<2.2	<2.5	<2.1	<2.2
Beryllium	mg/kg	160	1300	410	44,000	---	*	0.59	0.59	0.56	22		0.75	0.72	0.56	0.61	0.64	0.75	0.65
Cobalt	mg/kg	4,700	---	12,000	---	---	*	8.9	8.9	8.9	20		11	9.9	7.8	5.9	6.6	13	13
Copper	mg/kg	2,900	---	8,200	---	---	*	19.6	19.6	12	2,900		40	12	17	16	17	25	22
Cyanide	mg/kg	1,600	---	4,100	---	---	*	0.51	0.51	0.5	40		<0.26	<0.29	<0.26	<0.27	<0.27	<0.27	<0.27
Iron	mg/kg	---	---	---	---	---	*	15,900	15,900	15,000	15,000		22000	17000	16000	13000	13000	23000	22000
Magnesium	mg/kg	325,000	---	730,000	---	---	*	4,820	4,820	2,700	---		22000	4700	3100	3000	3600	5100	4100
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	*	636	636	630	630		640	160	600	210	120	800	200
Nickel	mg/kg	1,600	13,000	4,100	440,000	---	*	18	18	13	100		27	21	19	20	20	31	29
Thallium	mg/kg	6.3	---	160	---	---	*	0.32	0.32	0.42	2.6		3.6	1.2	3.5	1.1	0.66	4.7	1.6
Vanadium	mg/kg	550	---	1,400	---	---	*	25.2	25.2	25	550		27	37	37	31	33	56	50
Zinc	mg/kg	23,000	---	61,000	---	---	*	95.0	95.0	60.2	5,100		180	58	43	50	54	58	56
TCLP																			
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Chromium	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		<0.010	<0.010	--	--	0.0035	<0.010	0.0023
Lead	mg/L	---	---	---	---	0.0075	---	---	---	---	0.0075		0.018	--	--	--	--	--	--
Selenium	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Silver	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	---	0.006		0.0061	--	--	--	--	--	--
Cobalt	mg/L	---	---	---	---	1.0	---	---	---	---	1.0		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	---	5.0		0.14	0.16	0.26	0.25	1.8	0.57	1.1
Manganese	mg/L	---	---	---	---	0.15	---	---	---	---	0.15		4.8	2.5	7.5	1.2	1.3	0.14	4.3
Nickel	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	--	--	--	--
Thallium	mg/L	---	---	---	---	0.002	---	---	---	---	0.002		<0.0020	--	<0.0020	--	--	<0.0020	--
Inorganic Analytical Parameters (SPLP)																			
Antimony	mg/L	---	---	---	---	0.006	*	---	---	---	0.006		0.0087	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	*	---	---	---	5.0		--	--	--	--	--	--	--
Lead	mg/L	---	---	---	---	0.0075	*	---	---	---	0.0075		0.018	--	--	--	--	--	--
Manganese	mg/L	---	---	---	---	0.15	*	---	---	---	0.15		0.026	0.049	0.26	0.088	0.078	--	1.2
Mismatched CAS Numbers																			
gamma-Chlordane	---	---	---	---	---	---	---	---	---	---	---		<10	--	<1.9	--	--	<2.0	--
Boron	---	---	---	---	---	---	---	---	---	---	---		19	6.7	8.4	9.4	6.8	8.3	8.3

Table 4-2 - Detected - Soil Analytical Results
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B27 (1-5)	5-B27 (5-12)	5-B28 (1-5)	5-B28 (1-5)D	5-B28 (5-12)	5-B29 (1-5)	5-B29 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	1-5	5-12	1-5	5-12
												Date Collected	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23
												pH	7.4	7.6	7.1	7.1	6.6	6.8	7.0
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(5)	(a)(2)	Unrestricted	(a)(3)	(a)(5)	(a)(3)	(a)(2)
Volatile Organic Analytical Parameters																			
Benzene	mg/kg	12	0.8	2,300	2.2	0.03	*	---	---	---	0.03		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Toluene	mg/kg	16,000	650	410,000	42	12	*	---	---	---	12		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Xylenes (total)	mg/kg	16,000	320	41,000	5.6	150	*	---	---	---	5.6		<0.0031	<0.0039	<0.0029	<0.0026	<0.0030	<0.0030	<0.0040
Acetone	mg/kg	70,000	100,000	---	100,000	25	*	---	---	---	25		0.022	<0.019	<0.015	<0.013	0.013	<0.015	0.028
2-Butanone	mg/kg	---	---	---	---	---	*	---	---	---	17		0.0058	<0.0049	<0.0037	<0.0033	<0.0038	<0.0037	0.0084
Carbon Disulfide	mg/kg	7,800	720	20,000	9.0	32	*	---	---	---	9.0		<0.0039	<0.0049	<0.0037	<0.0033	<0.0038	<0.0037	<0.0050
cis-1,2-Dichloroethene	mg/kg	780	1,200	20,000	1,200	0.4	*	---	---	---	0.4		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
1,1-Dichloroethane	mg/kg	7,800	1,300	200,000	130	23	*	---	---	---	23		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
1,1-Dichloroethene	mg/kg	3,900	290	10,000	3.0	0.06	*	---	---	---	0.06		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
trans-1,2-Dichloroethene	mg/kg	1,600	3,100	41,000	3,100	0.7	*	---	---	---	0.7		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Trichloroethene	mg/kg	58	5.0	1,200	12	0.06	*	---	---	---	0.06		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
1,1,1-Trichloroethane	mg/kg	---	1,200	---	1,200	2.0	*	---	---	---	2.0		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Vinyl Chloride	mg/kg	0.46	0.28	170	1.1	0.01	*	---	---	---	0.01		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Semivolatile Organic Analytical Parameters																			
Acenaphthene	mg/kg	4,700	---	120,000	---	570	*	0.94	0.13	0.04	570		0.29	<0.047	<0.035	0.066	<0.037	0.021	<0.089
Acenaphthylene	mg/kg	---	---	---	---	---	*	0.25	0.07	0.04	85		0.054	<0.047	<0.035	<0.037	<0.037	<0.037	<0.089
Anthracene	mg/kg	23,000	---	610,000	---	12,000	*	2.6	0.40	0.14	12,000		0.26	<0.047	0.0095	0.13	0.016	0.081	<0.089
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	*	11	1.8	0.72	0.9		0.28	<0.047	0.040	0.33	0.033	0.42	<0.089
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	*	11	2.1	0.98	0.09		0.30	<0.047	0.034	0.33	<0.037	0.36	<0.089
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	*	13	2.1	0.70	0.9		0.48	<0.047	0.057	0.47	0.042	0.55	<0.089
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	*	4.4	1.7	0.84	2,300		0.26	<0.047	0.023	0.21	0.023	0.19	<0.089
Benzo(k)fluoranthene	mg/kg	9.0	---	1700	---	49	*	8.1	1.7	0.63	9.0		0.15	<0.047	0.020	0.16	<0.037	0.23	<0.089
Chrysene	mg/kg	88	---	17000	---	160	*	11	2.7	1.1	88		0.33	<0.047	0.050	0.40	0.037	0.49	<0.089
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	*	1.0	0.42	0.15	0.09		<0.069	<0.047	<0.035	0.052	<0.037	0.055	<0.089
Fluoranthene	mg/kg	3,100	---	82,000	---	4,300	*	28	4.1	1.8	3,100		0.65	<0.047	0.094	0.86	0.063	0.96	0.059
Fluorene	mg/kg	3,100	---	82,000	---	560	*	1.1	0.18	0.04	560		0.41	<0.047	<0.035	0.050	0.013	0.019	<0.089
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	*	5.8	1.6	0.51	0.9		0.25	<0.047	<0.035	0.21	<0.037	0.19	<0.089
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	*	0.26	0.20	0.17	1.8		0.11	<0.047	0.020	0.020	0.077	0.0085	<0.089
Phenanthrene	mg/kg	---	---	---	---	---	*	15	2.5	0.99	200		0.91	<0.047	0.060	0.67	0.11	0.42	0.046
Pyrene	mg/kg	2,300	---	61,000	---	4,200	*	18	3.0	1.2	2,300		0.81	<0.047	0.077	0.80	0.060	0.84	0.045
Bis(2-Ethylhexyl)phthalate	mg/kg	46	31,000	4,100	31,000	3,600	*	---	---	---	46		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	---	0.6		<0.35	<0.24	<0.18	0.086	<0.19	0.061	<0.45
Dibenzofuran	mg/kg	---	---	---	---	---	*	---	---	---	6.1		0.19	<0.24	<0.18	0.029	0.020	<0.19	<0.45
Di-n-butylphthalate	mg/kg	7,800	2,300	200,000	2,300	2,300	*	---	---	---	2,300		<0.35	<0.24	<0.18	<0.19	0.013	<0.19	<0.45
2,4-Dimethylphenol	mg/kg	1,600	---	41,000	---	9.0	*	---	---	---	9.0		<0.69	<0.47	<0.35	<0.37	<0.37	<0.37	<0.89
2-Methylnaphthalene	mg/kg	---	---	---	---	---	*	---	0.14	0.29	7.2		0.20	<0.095	<0.071	0.023	0.087	<0.075	<0.18
2-Methylphenol	mg/kg	3900	---	100,000	---	15	*	---	---	---	15		<0.35	<0.24	<0.18	<0.19	0.030	<0.19	<0.45
4-Methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
4-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.1		<0.69	<0.47	<0.35	<0.37	<0.37	<0.37	<0.89
Phenol	mg/kg	23,000	---	61,000	---	100	*	---	---	---	100		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	0.042
Pesticide Organic Analytical Parameters																			
4,4'-DDD	mg/kg	3	---	520	---	16	*	---	---	---	3.0		<1.9	--	<1.9	<1.9	--	<1.9	--
4,4'-DDE	mg/kg	2	---	370	---	54	*	---	---	---	2.0		<1.9	--	<1.9	<1.9	--	<1.9	--
Aroclor Organic Analytical Parameters																			

Table 4-2 - Detected - Soil Analytical Results
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B27 (1-5)	5-B27 (5-12)	5-B28 (1-5)	5-B28 (1-5)D	5-B28 (5-12)	5-B29 (1-5)	5-B29 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	1-5	5-12	1-5	5-12
												Date Collected	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23
												pH	7.4	7.6	7.1	7.1	6.6	6.8	7.0
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(5)	(a)(2)	Unrestricted	(a)(3)	(a)(5)	(a)(3)	(a)(2)
Aroclor - 1248	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.019	<0.018	--	0.017	--
Aroclor - 1254	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.019	<0.018	--	<0.019	--
Inorganic Analytical Parameters																			
Arsenic	mg/kg	11.3	750	61	25,000	---	*	13.0	13.0	11.3	11.3		3.4	7.0	4.5	5.4	6.5	4.5	3.7
Barium	mg/kg	5,500	690,000	14,000	870,000	---	*	110	110	122	1,500		48	240	72	100	90	82	180
Cadmium	mg/kg	78	1,800	200	59,000	---	*	0.6	0.6	0.5	5.2		0.91	0.15	0.11	0.16	0.28	0.15	0.62
Chromium	mg/kg	230	270	4,100	690	---	*	16.2	16.2	13	21		15	29	24	25	27	21	20
Lead	mg/kg	400	---	700	---	---	*	36	36	20.9	107		30	17	12	24	42	28	23
Mercury	mg/kg	23	10	61	0.1	---	*	0.06	0.06	0.05	0.89		1.0	0.040	0.020	0.022	0.016	0.020	0.042
Selenium	mg/kg	390	---	1,000	---	---	*	0.48	0.48	0.37	1.3		<1.1	<1.4	<0.96	<1.1	1.5	<0.97	0.86
Silver	mg/kg	390	---	1,000	---	---	*	0.55	0.55	0.5	4.4		3.8	7.7	4.9	5.7	4.0	4.8	4.2
Antimony	mg/kg	31	---	82	---	---	*	4.0	4.0	3.3	5.0		<2.1	<2.7	<1.9	<2.2	<2.0	<1.9	<2.5
Beryllium	mg/kg	160	1300	410	44,000	---	*	0.59	0.59	0.56	22		0.45	1.1	0.71	0.71	0.60	0.60	0.80
Cobalt	mg/kg	4,700	---	12,000	---	---	*	8.9	8.9	8.9	20		4.5	18	12	11	21	8.9	6.0
Copper	mg/kg	2,900	---	8,200	---	---	*	19.6	19.6	12	2,900		12	13	19	22	28	17	24
Cyanide	mg/kg	1,600	---	4,100	---	---	*	0.51	0.51	0.5	40		<0.24	<0.31	<0.25	<0.26	<0.26	<0.27	<0.29
Iron	mg/kg	---	---	---	---	---	*	15,900	15,900	15,000	15,000		15000	33000	21000	23000	31000	19000	17000
Magnesium	mg/kg	325,000	---	730,000	---	---	*	4,820	4,820	2,700	---		7900	5100	3600	4200	3400	3100	4000
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	*	636	636	630	630		380	460	300	510	4000	530	330
Nickel	mg/kg	1,600	13,000	4,100	440,000	---	*	18	18	13	100		13	23	19	21	29	17	22
Thallium	mg/kg	6.3	---	160	---	---	*	0.32	0.32	0.42	2.6		2.5	3.2	2.1	3.4	6.0	3.6	2.4
Vanadium	mg/kg	550	---	1,400	---	---	*	25.2	25.2	25	550		19	57	49	47	34	37	32
Zinc	mg/kg	23,000	---	61,000	---	---	*	95.0	95.0	60.2	5,100		140	110	48	52	82	47	83
TCLP																			
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Chromium	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	0.0018	0.0021	<0.010	0.0035	<0.010	--
Lead	mg/L	---	---	---	---	0.0075	---	---	---	---	0.0075		--	--	--	--	--	--	--
Selenium	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	0.010	--	--
Silver	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	0.0055	<0.0050	0.0022	0.010	0.0095	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	---	0.006		--	--	--	--	--	--	--
Cobalt	mg/L	---	---	---	---	1.0	---	---	---	---	1.0		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	---	5.0		0.11	0.33	1.7	0.29	0.80	0.19	0.90
Manganese	mg/L	---	---	---	---	0.15	---	---	---	---	0.15		3.9	2.4	0.40	0.84	4.6	4.3	4.3
Nickel	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	--	--	--	--
Thallium	mg/L	---	---	---	---	0.002	---	---	---	---	0.002		--	<0.0020	--	<0.0020	<0.0020	<0.0020	--
Inorganic Analytical Parameters (SPLP)																			
Antimony	mg/L	---	---	---	---	0.006	*	---	---	---	0.006		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	*	---	---	---	5.0		--	--	--	--	--	--	--
Lead	mg/L	---	---	---	---	0.0075	*	---	---	---	0.0075		--	--	--	--	--	--	--
Manganese	mg/L	---	---	---	---	0.15	*	---	---	---	0.15		0.0059	0.57	0.074	0.019	1.3	0.16	0.51
Mismatched CAS Numbers																			
gamma-Chlordane	---	---	---	---	---	---	---	---	---	---	---		<1.9	--	<1.9	<1.9	--	<1.9	--
Boron	---	---	---	---	---	---	---	---	---	---	---		15	9.7	8.5	8.9	6.1	5.8	14

Table 4-2 - Detected - Groundwater Analytical Results
Between 3rd Street and 7th Street
East Moline, Illinois
Project No. 11247243B

Analyte	Units	Groundwater Remediation Objectives	Groundwater Indoor Inhalation Exposure Route				Sample Identification	TMW-5-B08	TMW-5-B08 (Dissolved)	TMW-5-B15	TMW-5-B22	TMW-5-B22 (Dissolved)
		Groundwater Ingestion Route	Diffusion and Advection		Diffusion Only		Date Collected	2025-05-28	2025-05-28	2025-05-28	2025-05-28	2025-05-28
		Class I	Residential	Industrial/Commercial	Residential	Industrial/Commercial						
Volatile Organic Analytical Parameters												
Ethylbenzene	mg/L	0.7	0.37	1.4	1.3	8.1		<0.00050	--	0.00029	<0.00050	--
Xylenes (total)	mg/L	10.0	30	93	96	110		<0.0010	--	0.0015	<0.0010	--
Acetone	mg/L	6.3	1,000,000	1,000,000	1,000,000	1,000,000		0.0072	--	<0.010	<0.010	--
Carbon Disulfide	mg/L	0.7	67	210	170	820		<0.0020	--	0.0072	<0.0020	--
Semivolatile Organic Analytical Parameters												
Acenaphthene	mg/L	0.42	---	---	---	---		0.00032	--	--	<0.0010	--
Benzo(a)anthracene	mg/L	0.00013	---	---	---	---		0.00050	--	--	<0.00016	--
Benzo(a)pyrene	mg/L	0.0002	---	---	---	---		0.00090	--	--	<0.00020	--
Benzo(b)fluoranthene	mg/L	0.00018	---	---	---	---		0.0012	--	--	<0.00020	--
Benzo(g,h,i)perylene	mg/L	0.21	---	---	---	---		0.00083	--	--	<0.0010	--
Benzo(k)fluoranthene	mg/L	0.00017	---	---	---	---		0.00039	--	--	<0.00020	--
Chrysene	mg/L	0.0015	---	---	---	---		0.00061	--	--	<0.00020	--
Dibenzo(a,h)anthracene	mg/L	0.0003	---	---	---	---		0.00018	--	--	<0.00030	--
Fluoranthene	mg/L	0.28	---	---	---	---		0.00099	--	--	<0.0010	--
Indeno(1,2,3-c,d)pyrene	mg/L	0.00043	---	---	---	---		0.00074	--	--	<0.00020	--
Phenanthrene	mg/L	0.21	---	---	---	---		0.00059	--	--	<0.0010	--
Pyrene	mg/L	0.21	---	---	---	---		0.00083	--	--	<0.0010	--
Inorganic Analytical Parameters												
Arsenic	mg/L	0.05	---	---	---	---		0.10	0.013	--	0.026	0.0029
Barium	mg/L	2.0	---	---	---	---		3.3	0.064	--	0.54	0.17
Cadmium	mg/L	0.005	---	---	---	---		0.021	<0.00050	--	0.0044	<0.00050
Chromium, total	mg/L	0.1	---	---	---	---		0.87	0.0062	--	0.18	<0.0050
Lead	mg/L	0.0075	---	---	---	---		1.5	<0.00050	--	0.98	0.00020
Mercury	mg/L	0.002	0.053	0.060	0.060	0.060		0.0019	<0.00020	--	0.00021	<0.00020
Selenium	mg/L	0.05	---	---	---	---		0.028	0.0012	--	0.0061	0.0010
Silver	mg/L	0.05	---	---	---	---		0.0027	<0.00050	--	0.0011	<0.00050
Antimony	mg/L	0.006	---	---	---	---		0.0015	0.0013	--	0.0043	<0.0030
Beryllium	mg/L	0.004	---	---	---	---		0.0090	<0.0010	--	0.0024	<0.0010
Cobalt	mg/L	1.0	---	---	---	---		0.14	<0.0010	--	0.028	0.0024
Copper	mg/L	0.65	---	---	---	---		1.1	0.00060	--	0.27	0.00060
Iron	mg/L	5.0	---	---	---	---		450	<0.10	--	140	5.7
Manganese	mg/L	0.15	---	---	---	---		14	0.028	--	3.4	1.1
Nickel	mg/L	0.1	---	---	---	---		0.76	0.0049	--	0.14	0.0057
Thallium	mg/L	0.002	---	---	---	---		0.0031	<0.0020	--	<0.0020	<0.0020
Vanadium	mg/L	0.049	---	---	---	---		0.44	0.0076	--	0.11	<0.0050
Zinc	mg/L	5.0	---	---	---	---		2.1	<0.020	--	0.75	<0.020

Table Notes

Remediation Objectives from 35 Illinois Administrative Code (IAC) Chapter 742: Tiered Approach to Corrective Action Objectives (TACO) and the most stringent Maximum Allowable Concentrations of Chemical Constituents in Uncontaminated Soil (MACs) outlined in Title 35 Administrative Code of the Illinois Administrative Code Part 1100 (35 IAC 1100).

Remediation Objectives for Non-TACO compounds from Illinois Environmental Protection Agency's (IEPA's) web site (http://www.epa.state.il.us/land/taco/chemicals-not-in-taco-tier-1-tables.html).

RO = Remediation Objective

mg/kg = milligrams per kilogram, generally equivalent to parts per million (ppm)

mg/L = milligrams per liter, generally equivalent to ppm

TCLP = Toxicity Characteristic Leaching Procedure

SPLP = Synthetic Precipitation Leaching Procedure

-- = Sample not analyzed for this constituent
--- = No IEPA RO for this exposure route.
---- = Not measured

Italicized Tier 1 ROs were changed to laboratory Acceptable Detection Limits (ADL) per 35 IAC 742.510(a)(8).

**Lab Data for 3 & 4 methylphenol compared to 4 methylphenol ROs

(Yellow) Soil concentration is above the most stringent MAC

(Blue) Soil concentration is above the MAC and City of Chicago Background but below the MSA Background

(Green) Soil concentration is above MAC and MSA County Background

(Orange) Soil concentration is above the lowest construction worker RO.

(Gray) PID readings above background (1 ppm)

*ND = PID Reading below background (1ppm)

(Taupe) Groundwater concentration exceeds IEPA Tier 1 RO for Class I Groundwater

(Red Outline) Soil concentration is above a Tier 1 SRO

Table 4-3 - Contaminants of Concern and Classifications
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Boring ID	Impacted Stationing[2]	Contaminant of Concern Sampling Parameters	Construction Feature Within Impacted Soil Area	Estimated Soil Volumes by Standard Specifications, Article 669.05 Classification (cubic yards)[1]							
				(a)(1)	(a)(2)	(a)(3)	(a)(4)	(a)(5)	(b)(1)	(c)	Unrestricted
Former Case Plant/Vacant Lot, 1100 3rd Street, East Moline, Illinois (Site #5)											
5-B01 (1-5)	Station 22+11 to 23+42 from 0RT to 72RT	Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Dibenzo(a,h)anthracene, Indeno(1,2,3-c,d)pyrene, Carbazole	Roadway and Sidewalk Construction, Storm Sewer Installation, Traffic Signal Foundations	--	--	--	--	203.6	--	--	--
5-B01 (5-7)		Benzo(a)pyrene, Mercury		X	--	--	--	--	--	--	--
5-B02 (1-3)	Station 22+11 to 24+34 from 0LT to 72LT	Iron, Manganese, pH		X	--	--	--	--	--	--	--
5-B03 (1-5)	Station 23+42 to 25+40 from 0RT to 72RT	Mercury, Manganese		X	--	--	--	--	--	--	--
5-B03 (5-12)		Arsenic		--	--	--	--	349	--	--	--
5-B04 (1-5)	Station 24+34 to 26+38 from 0LT to 72LT	Iron, Manganese		--	X	--	--	--	--	--	--
5-B04 (5-12)		Manganese, PID		--	--	--	--	349	--	--	--
5-B05 (1-5)	Station 25+40 to 27+44 from 0RT to 72RT	Manganese, pH		X	--	--	--	--	--	--	--
5-B05 (1-5)D		Manganese, pH		X	--	--	--	--	--	--	--
5-B05 (5-12)		Benzo(a)pyrene		--	--	X	--	--	--	--	--
5-B06 (1-5)	Station 26+38 to 28+40 from 0LT to 72LT	Manganese		--	X	--	--	--	--	--	--
5-B06 (5-12)		Iron, Manganese		--	X	--	--	--	--	--	--
5-B07 (1-5)	Station 27+44 to 29+45 from 0RT to 72RT	Manganese		X	--	--	--	--	--	--	--
5-B07 (5-12)		Iron, Manganese		--	X	--	--	--	--	--	--
5-B08 (1-5)	Station 28+43 to 30+48 from 0LT to 72LT	Manganese, PID		--	--	--	--	349	--	--	--
5-B08 (5-12)		Iron, Manganese		--	X	--	--	--	--	--	--
5-B09 (1-5)	Station 29+45 to 31+43 from 0RT to 72RT	--		--	--	--	--	--	--	--	X
5-B09 (5-12)		--		--	--	--	--	--	--	--	X
5-B10 (1-5)	Station 30+48 to 32+48 from 0LT to 72LT	--		--	--	--	--	--	--	--	X
5-B10 (1-5)D		--		--	--	--	--	--	--	--	X
5-B10 (5-12)		Manganese		--	X	--	--	--	--	--	--
5-B11 (1-5)	Station 31+43 to 33+48 from 0RT to 72RT	--		--	--	--	--	--	--	--	X
5-B11 (5-12)		Manganese		--	X	--	--	--	--	--	--
5-B12 (1-5)	Station 32+48 to 34+32 from 0LT to 72LT	--		--	--	--	--	--	--	--	X
5-B12 (5-12)		--		--	--	--	--	--	--	--	X
5-B13 (1-5)	Station 33+48 to 35+39 from 0RT to 72RT	--		--	--	--	--	--	--	--	X
5-B13 (5-12)		--		--	--	--	--	--	--	--	X
5-B14 (1-5)	Station 34+32 to 36+41 from 0LT to 72LT	--		--	--	--	--	--	--	--	X
5-B14 (5-8)		Manganese		--	--	--	--	233	--	--	--
5-B15 (1-5)	Station 35+39 to 37+45 from 0RT to 72RT	Manganese		--	X	--	--	--	--	--	--
5-B15 (1-5)D		4,4'-DDD, 4,4'-DDE, Manganese		--	--	--	--	349	--	--	--
5-B15 (5-12)		--		--	--	--	--	--	--	--	X

Table 4-3 - Contaminants of Concern and Classifications
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Boring ID	Impacted Stationing[2]	Contaminant of Concern Sampling Parameters	Construction Feature Within Impacted Soil Area	Estimated Soil Volumes by Standard Specifications, Article 669.05 Classification (cubic yards)[1]							
				(a)(1)	(a)(2)	(a)(3)	(a)(4)	(a)(5)	(b)(1)	(c)	Unrestricted
5-B16 (1-5)	Station 36+41 to 38+39 from 0LT to 72LT	Benzo(a)pyrene, PID	Roadway and Sidewalk Construction, Storm Sewer Installation, Traffic Signal Foundations	--	--	--	--	262	--	--	--
5-B16 (5-9)		Manganese		--	X	--	--	--	--	--	--
5-B17 (1-5)	Station 37+45 to 39+40 from 0RT to 72RT	Lead		X	--	--	--	--	--	--	--
5-B17 (5-12)		Manganese		--	X	--	--	--	--	--	--
5-B18 (1-5)	Station 38+39 to 40+40 from 0LT to 72LT	Benzo(a)pyrene, Lead		--	--	--	--	349	--	--	--
5-B18 (5-12)		Manganese		--	X	--	--	--	--	--	--
5-B19 (1-5)	Station 39+40 to 40+85 from 0RT to 72RT	Iron, Manganese		--	X	--	--	--	--	--	--
5-B19 (5-12)		Manganese		--	X	--	--	--	--	--	--
5-B20 (1-5)	Station 40+40 to 40+85 from 0 LT to 72 LT and Station 40+85 to 41+86 from 72RT to 72LT	Manganese		--	X	--	--	--	--	--	--
5-B20 (1-5)D		Manganese		--	X	--	--	--	--	--	--
5-B20 (5-12)		Manganese		--	--	--	--	--	--	--	X
5-B21 (1-5)	Station 41+86 to 42+84 from 72RT to 72LT	Benzo(a)pyrene, Lead, Manganese		X	--	--	--	--	--	--	--
5-B21 (5-12)		--		--	--	--	--	--	--	--	X
5-B22 (1-5)	Station 42+84 to 43+84 from 72RT to 72LT	Arsenic, Thallium		--	--	--	--	349	--	--	--
5-B22 (5-12)		--		--	--	--	--	--	--	--	X
5-B23 (1-5)	Station 43+84 to 44+90 from 72RT to 72LT	Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Dibenzo(a,h)anthracene, Indeno(1,2,3-c,d)pyrene, Lead, Mercury		--	--	--	--	349	--	--	--
5-B23 (5-12)		Manganese		--	X	--	--	--	--	--	--
5-B24 (1-5)	Station 44+90 to 45+82 from 72RT to 100LT	Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Dibenzo(a,h)anthracene, Indeno(1,2,3-c,d)pyrene, Naphthalene, Carbazole, Dibenzofuran, 4,4'-DDD, 4,4'-DDE, Lead, Antimony		--	--	--	--	349	--	--	--
5-B24 (5-12)		--		--	--	--	--	--	--	--	X
5-B25 (1-5)	Station 45+82 to 46+82 from 72RT to 93LT	Manganese		--	X	--	--	--	--	--	--
5-B25 (5-12)		--		--	--	--	--	--	--	--	X
5-B25 (5-12)D		--		--	--	--	--	--	--	--	X
5-B26 (1-5)	Station 46+82 to 47+85 from 72RT to 93LT	--		--	--	--	--	--	--	--	X
5-B26 (5-12)		Manganese		--	X	--	--	--	--	--	--

Table 4-3 - Contaminants of Concern and Classifications
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Boring ID	Impacted Stationing[2]	Contaminant of Concern Sampling Parameters	Construction Feature Within Impacted Soil Area	Estimated Soil Volumes by Standard Specifications, Article 669.05 Classification (cubic yards)[1]							
				(a)(1)	(a)(2)	(a)(3)	(a)(4)	(a)(5)	(b)(1)	(c)	Unrestricted
5-B27 (1-5)	Station 47+85 to 48+88 from 72RT to 88LT	Benzo(a)pyrene, Mercury	Roadway and Sidewalk Construction, Storm Sewer Installation, Traffic Signal Foundations	--	--	--	--	349	--	--	--
5-B27 (5-12)		Manganese		--	X	--	--	--	--	--	--
5-B28 (1-5)	Station 48+88 to 49+78 from 72RT to 88LT	--		--	--	--	--	--	--	--	X
5-B28 (1-5)D		Benzo(a)pyrene		--	--	X	--	--	--	--	--
5-B28 (5-12)		Manganese		--	--	--	--	349	--	--	--
5-B29 (1-5)	Station 49+78 to 50+68.97 from 111RT to 74LT	Benzo(a)pyrene, Manganese		--	--	X	--	--	--	--	--
5-B29 (5-12)		Manganese		--	X	--	--	--	--	--	--
Total Volume of Impacted Soil in Construction Zone:				--	--	--	--	4,188	--	--	--

Notes:

1. Estimated excavation volumes provided by Crawford, Murphy & Tilly
2. Stationing estimated by figures to encapsulate planned construction

X = Estimated soil excavation volumes have not been provided at the issuance of this report
-- = Not applicable

Table 5-1A - Est. Cost for Impacted Soil and Permitted Discharge of Groundwater to Sanitary Sewer Option
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Site	Pay Item/Cost per Unit																										Total Cost (Rounded to nearest dollar)[8]
	SSRBC Article 669.11 Regulated Substances Pre-Construction Plan[1]		SSRBC Article 669.11 On-Site Monitoring of Regulated Substances[1]		SSRBC Article 669.11 Regulated Substances Final Construction Report[1]		Non-Special Waste Disposal $75.00 per cubic yard				CCDD/USFO Disposal $50 per cubic yard[3]						SSRBC Article 202.03 Uncontaminated/Not CCDD Eligible $0 per cubic yard				Unrestricted		Soil Disposal Analysis at $1,400 each[7]		Groundwater Disposal[9]		Groundwater Disposal Analysis at $1200 each[10]		
							669.05 (a)(1)[2]		669.05 (a)(5)[2]		665.05(a)(2)[4]		665.05(a)(3)[4]		665.05(a)(4)[4]		665.05(b)(1)[5]		665.05 (c)[6]						665.05(d)			
	Quantity	Cost ($)	Quantity (Days)	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	
Former Case Plant/Vacant Lot 1100 3rd Street, East Moline, Illinois (Site #5)	1	$ 2,500	110	$ 126,500	1	$ 3,000	--	--	4,188	$ 314,100	--	--	--	--	--	--	--	--	--	--	--	--	1	$ 1,400	1	$ 51,742	1	$ 1,200	$ 500,442
Project Totals	1	$ 2,500	110	$ 126,500	1	$ 3,000	--	--	4,188	$ 314,100	--	--	--	--	--	--	--	--	--	--	--	--	1	$ 1,400	1	$ 51,742	1	$ 1,200	$ 500,442

Notes:
Crawford, Murphy & Tilly indicated that all excavation soils will be reused on-site as fill, with the exception of soils classified as (a)(5). As such, cost estimates for disposal of soils other than those classified as (a)(5) have not been included.
-- = Not applicable

1 Standard Specifications for Road and Bridge Construction (SSRBC) Article 669.11 Basis of Payment - (Site Health and Safety Plan, Site Contamination Operation Plan, and Erosion Control Plan are considered Regulated Substance Pre-Construction Plan (BDE 2730). Regulated Substance Monitoring is to be recorded on BDE 2732. The Regulated Substance Final Construction Report is to be reported on BDE 2734. Estimated number of days for disposal monitoring oversight was provided by Crawford, Murphy & Tilly. Estimated costs for disposal monitoring oversight was assumed at $1150/day.

2 Material must be managed at a non-special waste disposal facility. Transportation and disposal costs for soil are based on generic 100-mile distance to permitted disposal facility and a truck capacity of 14 cubic yards.

3 Estimated CCDD/USFO Disposal cost per cubic yard provided by Crawford, Murphy & Tilly. The costs for off-site disposal are not included in this estimate, but this soil is included in the estimate for monitoring costs.

4 Soil in this category may be managed on site as uncontaminated soil or managed off site at an IEPA compliant CCDD/USFO facility. If a CCDD/USFO facility in compliance with all IEPA regulations and permit conditions cannot be located within the vicinity of the contract area, CCDD eligible soils may be managed to a permitted landfill under the non-special waste pay item with advanced written approval from the RE.

5 Soil in this category may be managed on site as uncontaminated soil or managed and disposed off site according to Article 202.03, but may NOT be managed to a CCDD facility or USFO due to pH outside of the acceptable range or elevated PID readings above background. Costs for off-site disposal are not included in this estimate, but this soil is included in the estimate for monitoring costs.

6 The material included for management under 669.05(c) is impacted with iron and/or manganese at levels less than TACO Tier 1 Soil Remediation Objectives, but greater than MAC Table values. This material should be managed within the IDOT site or off-site as uncontaminated soil according to Article 202.03. This material may NOT be managed to a CCDD facility of USFO. Costs for off-site disposal are not included in this estimate, but this soil is included in the estimate for monitoring costs.

7 Disposal Analysis Methods: SPLP Metals - EPA Methods 1312 for extraction, 6010; TCLP Metals - EPA Methods 1311 for extraction, 6010, 6020 and 7470; TCLP (organics) - EPA Methods 1311 for extraction; 7471 Mercury; 8260 VOCs; 8270 SVOCs; Reactive Cyanide - EPA Methods 7.3.3.2/9012; pH - EPA Method 9045

8 Excavation volumes were provided by Crawford, Murphy & Tilly.

9 Crawford, Murphy & Tilly, Inc. estimated up to 70 days of subsurface construction where dewatering would be required. An estimate of 2,500 gallons/day per 100 linear feet (LF) of trenching/excavation was used for calculations. The city of East Moline reportedly plans to require periodic sampling of the water being discharged (period to be determined). Volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PNAs), and metals were assumed to be sampled every 14 days per the POTW. Rental fees for on-site sampling/measurement of pH and turbidity/TSS were included. Costs associated with labor for the required sampling is not included in this estimate. Costs for bag/cartridge filter units, filter bags, a flow meter, a pump, and hoses were estimated through vendor research. Costs for a granular activated carbon filtration system were not included in this estimate. The contractor may instead containerize and properly dispose groundwater per Table 5-1B.

10 Groundwater disposal analysis estimate provided by Crawford, Murphy & Tilly

Table 5-1B - Est. Cost for Impacted Soil and Containerization Off-Site Disposal of Groundwater Option
Between 3rd Street and 7th Street
East Moline, Rock Island County, Illinois
Project No. 11247243B

Site	Pay Item/Cost per Unit																										Total Cost (Rounded to nearest dollar)[8]
	SSRBC Article 669.11 Regulated Substances Pre-Construction Plan[1]		SSRBC Article 669.11 On-Site Monitoring of Regulated Substances[1]		SSRBC Article 669.11 Regulated Substances Final Construction Report[1]		Non-Special Waste Disposal $75.00 per cubic yard				CCDD/USFO Disposal $50 per cubic yard[3]						SSRBC Article 202.03 Uncontaminated/Not CCDD Eligible $0 per cubic yard				Unrestricted		Soil Disposal Analysis at $1,400 each[7]		Groundwater Disposal[9]		Groundwater Disposal Analysis at $1200 each[10]		
							669.05 (a)(1)[2]		669.05 (a)(5)[2]		665.05(a)(2)[4]		665.05(a)(3)[4]		665.05(a)(4)[4]		665.05(b)(1)[5]		665.05 (c)[6]						665.05(d)			
	Quantity	Cost ($)	Quantity (Days)	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	Quantity	Cost ($)	
Former Case Plant/Vacant Lot 1100 3rd Street, East Moline, Illinois (Site #5)	1.0	$ 2,500	110	$ 126,500	1	$ 3,000	--	--	4,188	$ 314,100	--	--	--	--	--	--	--	--	--	--	--	--	1	$ 1,400	1	$ 245,000	1	$ 1,200	$ 693,700
Project Totals	1	$ 2,500	110	$ 126,500	1	$ 3,000	--	--	4,188	$ 314,100	--	--	--	--	--	--	--	--	--	--	--	--	1	$ 1,400	1	$ 245,000	1	$ 1,200	$ 693,700

Notes:
Crawford, Murphy & Tilly indicated that all excavation soils will be reused on-site as fill, with the exception of soils classified as (a)(5). As such, cost estimates for disposal of soils other than those classified as (a)(5) have not been included.
-- = Not applicable

1 Standard Specifications for Road and Bridge Construction (SSRBC) Article 669.11 Basis of Payment - (Site Health and Safety Plan, Site Contamination Operation Plan, and Erosion Control Plan are considered Regulated Substance Pre-Construction Plan (BDE 2730). Regulated Substance Monitoring is to be recorded on BDE 2732. The Regulated Substance Final Construction Report is to be reported on BDE 2734. Estimated number of days for disposal monitoring oversight was provided by Crawford, Murphy & Tilly. Estimated costs for disposal monitoring oversight was assumed at $1150/day.

2 Material must be managed at a non-special waste disposal facility. Transportation and disposal costs for soil are based on generic 100-mile distance to permitted disposal facility and a truck capacity of 14 cubic yards.

3 Estimated CCDD/USFO Disposal cost per cubic yard provided by Crawford, Murphy & Tilly. The costs for off-site disposal are not included in this estimate, but this soil is included in the estimate for monitoring costs.

4 Soil in this category may be managed on site as uncontaminated soil or managed off site at an IEPA compliant CCDD/USFO facility. If a CCDD/USFO facility in compliance with all IEPA regulations and permit conditions cannot be located within the vicinity of the contract area, CCDD eligible soils may be managed to a permitted landfill under the non-special waste pay item with advanced written approval from the RE.

5 Soil in this category may be managed on site as uncontaminated soil or managed and disposed off site according to Article 202.03, but may NOT be managed to a CCDD facility or USFO due to pH outside of the acceptable range or elevated PID readings above background. Costs for off-site disposal are not included in this estimate, but this soil is included in the estimate for monitoring costs.

6 The material included for management under 669.05(c) is impacted with iron and/or manganese at levels less than TACO Tier 1 Soil Remediation Objectives, but greater than MAC Table values. This material should be managed within the IDOT site or off-site as uncontaminated soil according to Article 202.03. This material may NOT be managed to a CCDD facility of USFO. Costs for off-site disposal are not included in this estimate, but this soil is included in the estimate for monitoring costs.

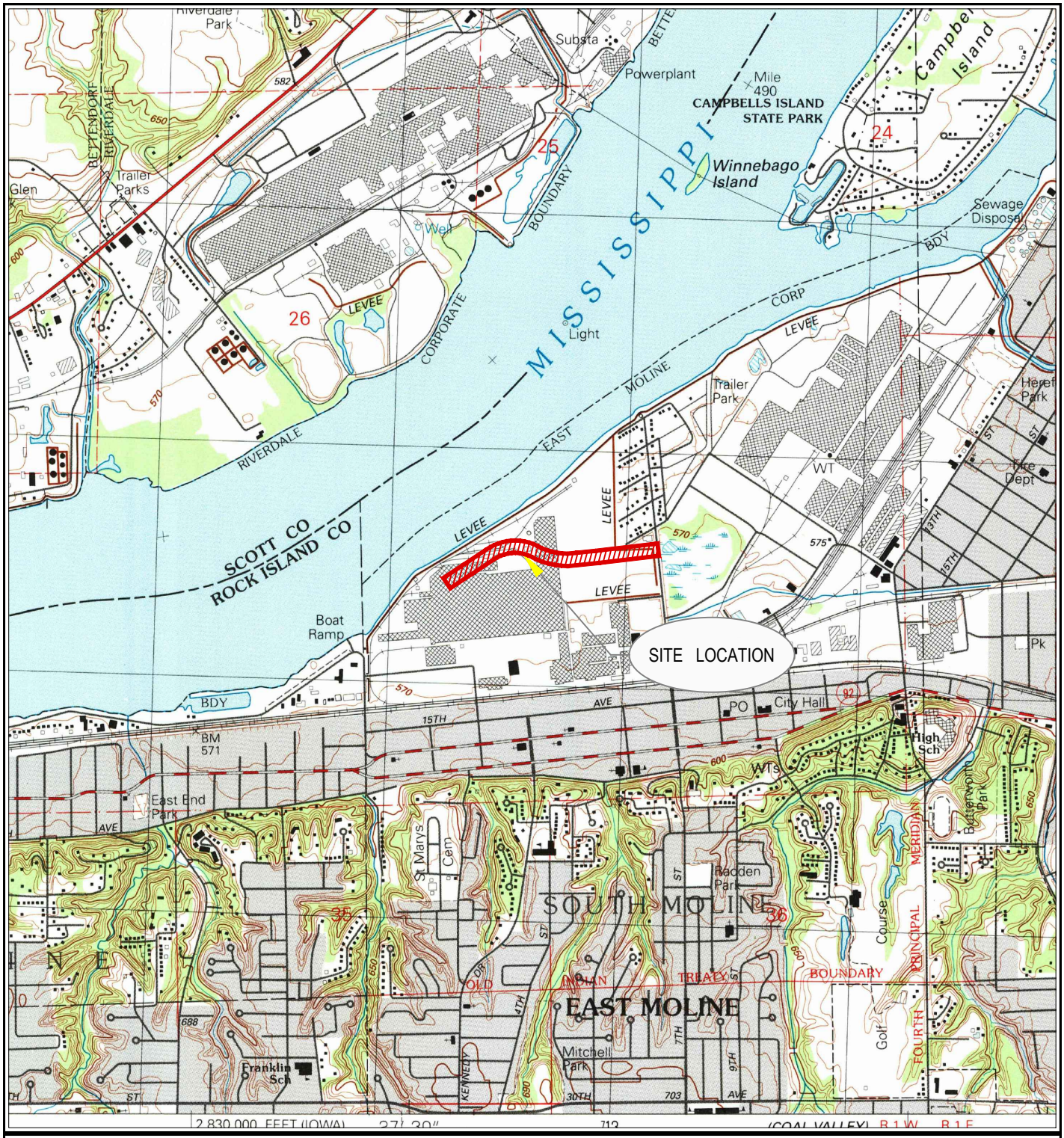
7 Disposal Analysis Methods: SPLP Metals - EPA Methods 1312 for extraction, 6010; TCLP Metals - EPA Methods 1311 for extraction, 6010, 6020 and 7470; TCLP (organics) - EPA Methods 1311 for extraction; 7471 Mercury; 8260 VOCs; 8270 SVOCs; Reactive Cyanide - EPA Methods 7.3.3.2/9012; pH - EPA Method 9045

8 Excavation volumes were provided by Crawford, Murphy & Tilly.

9 Crawford, Murphy & Tilly estimated 70 days of subsurface construction where dewatering would be required. Crawford, Murphy & Tilly's estimated 9,730 linear feet (LF) of trenching where dewatering would be required. A middle ground estimate of 2,500 gallons/day was used for a highly variable range of 1,000-5,000 gallons/day per 100 LF of trench at $0.50/gallon was used to estimate costs for groundwater containerization, transport and proper offsite disposal. Variables include: groundwater elevations, geologic conditions, rain encountered during construction, the potential to encounter preferential pathways in this historically industrial area, and construction means and methods. The more that excavation/trenching can be conducted in sections/stages, the better for limiting encounter of potentially impacted groundwater. The contractor may instead permit with the City of East Moline Regional WWTP to discharge to the City's sanitary sewer per Table 5-1A.

10 Groundwater disposal analysis estimate provided by Crawford, Murphy & Tilly

FIGURES



QUADRANGLE LOCATION

Scale 1:24000

0 1/2 1 MILE

1000 0 1000 2000 3000 FEET

(SOURCE OF MAP IS USGS 7.5 MINUTE QUADRANGLE MAP, SILVIS (1991), ILLINOIS-IOWA)

CHECK BY	RMP
DRAWN BY	RLW
DATE	APRIL 2026
SCALE	AS SHOWN
CAD NO.	11247243B
PRJ NO.	11247243B

SITE LOCATION MAP

PRELIMINARY SITE INVESTIGATION REPORT
BEND BOULEVARD EXTENSION
BETWEEN 3RD STREET AND 7TH STREET
EAST MOLINE, ILLINOIS

FIGURE

1

PRELIMINARY SITE INVESTIGATION REPORT
BEND BOULEVARD EXTENSION
BETWEEN 3RD STREET AND 7TH STREET
EAST MOLINE, ROCK ISLAND COUNTY, ILLINOIS

LEGEND

- BORING LOCATION
- PESA SITE BOUNDARY WITHIN PROPOSED WORK
- 4488-9 PESA ID
- TEMPORARY EASEMENT
- PID pH PID EXCEEDS BACKGROUND VALUE OR pH OUTSIDE ACCEPTABLE RANGE FOR CCDD DISPOSAL
- Depth | PID | pH

*ND INDICATES A READING OF LESS THAN THE FIELD DETECTION LIMIT (FDL) OF ONE (1) PART PER MILLION ISOBUTYLENE EQUIVALENTS (ppmi).

REGULATED SUBSTANCES CLASSIFICATIONS

- 669.05(a)(1)
- 669.05(a)(2)
- 669.05(a)(3)
- 669.05(a)(4)
- 669.05(a)(5)
- 669.05(a)(6)
- 669.05(b)(1)
- 669.05(b)(2)
- 669.05(c)
- 669.05(d)
- WORK ZONE

TABLE NOTES

- CONCENTRATION ABOVE THE MOST STRINGENT MAC VALUE
- CONCENTRATION ABOVE THE MAC VALUE FOR A CCDD/USFO FACILITY LOCATION IN THE CITY OF CHICAGO BUT BELOW THE MAC VALUE FOR A FACILITY LOCATION OUTSIDE THE CITY OF CHICAGO IN A MSA COUNTY
- CONCENTRATION ABOVE THE MAC VALUE FOR A CCDD/USFO FACILITY LOCATION WITHIN A MSA COUNTY/NON-MSA COUNTY
- CONCENTRATION ABOVE THE LOWEST REMEDIATION OBJECTIVE FOR CONSTRUCTION WORKERS
- CONCENTRATION ABOVE A TIER 1 REMEDIATION OBJECTIVE

N

0 150 300'

APPROXIMATE SCALE

NOTE: ADDITIONAL DETAIL AND INFORMATION REGARDING REGULATED SUBSTANCES MANAGEMENT AND DISPOSAL CLASSIFICATION CAN BE FOUND IN THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (SSRBC) SECTION 669.05

Project Mngr: AWP	Project No. 11247243B	Contract No.:	
Drawn By: RLW	Scale: AS-SHOWN	PESA No.:	
Checked By: AWP	File No. 11247243B-2	IDOT Job No.:	
Approved By: RO	Date: APRIL 2026	BDE Sequence No.:	

Terracon
192 Exchange Blvd
Glendale Heights, IL 60139
(630) 717-4263

GENERAL LEGEND

**PRELIMINARY SITE INVESTIGATION REPORT
BEND BOULEVARD EXTENSION
BETWEEN 3RD STREET AND 7TH STREET
EAST MOLINE, ILLINOIS**

FIGURE 2

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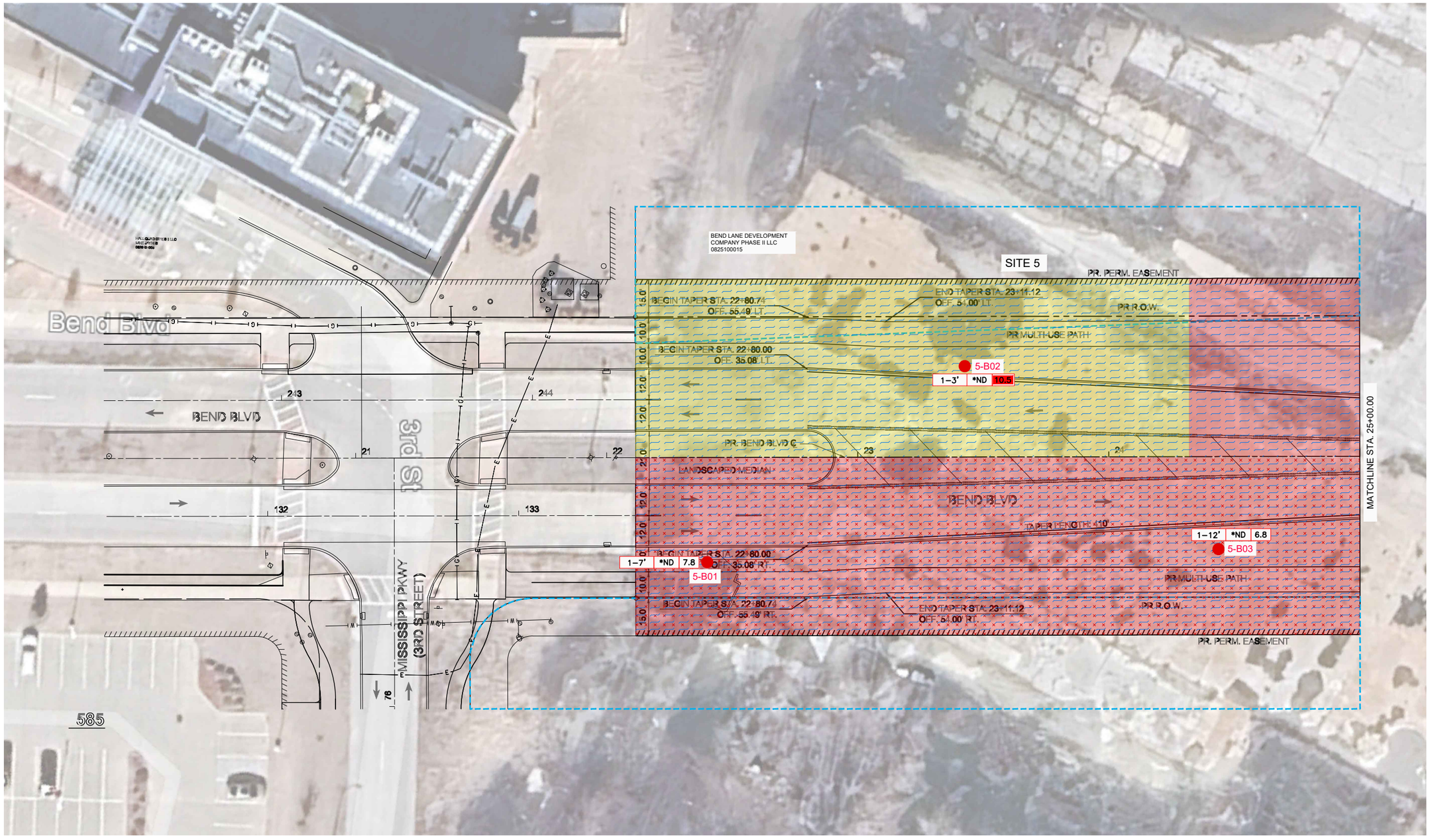
DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.



LEGEND

- BORING LOCATION
- PESA SITE BOUNDARY WITHIN PROPOSED WORK
- SITE # PESA ID

PID | pH — PID EXCEEDS BACKGROUND VALUE OR pH OUTSIDE ACCEPTABLE RANGE FOR CCDD DISPOSAL

Depth	PID	pH

*ND INDICATES A READING OF LESS THAN THE FIELD DETECTION LIMIT (FDL) OF ONE (1) PART PER MILLION ISOBUTYLENE EQUIVALENTS (ppmi).

REGULATED SUBSTANCES CLASSIFICATION

- 669.05(a)(1)
- 669.05(a)(5)
- WORK ZONE
- 669.05(d)

0 20 40
APPROXIMATE SCALE

Project Mngr: AWP	Project No. 11247243B	Contract No.:	
Drawn By: RLW	Scale: AS-SHOWN	PESA No.:	
Checked By: AWP	File No. 11247243B-2	IDOT Job No.:	
Approved By: RO	Date: APRIL 2026	BDE Sequence No.:	

Terracon
192 Exchange Blvd
Glendale Heights, IL 60139
(630) 717-4263

REGULATED SUBSTANCE MANAGEMENT AREAS

**PRELIMINARY SITE INVESTIGATION REPORT
BEND BOULEVARD EXTENSION
BETWEEN 3RD STREET AND 7TH STREET
EAST MOLINE, ILLINOIS**

FIGURE 3

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DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives					Background			Maximum Allowable Concentration	Sample Identification	5-B01 (1-5)	5-B01 (5-7)	5-B02 (1-3)	5-B03 (1-5)	5-B03 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route					Sample Depth (feet)	1-5	5-7	1-3	1-5	5-12
											Date Collected	2025-05-20	2025-05-20	2025-05-21	2025-05-21	2025-05-21
											pH	7.0	7.8	10.5	6.8	6.7
											PID	*ND	*ND	*ND	*ND	*ND
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Chicago	MSAs	Non-MSAs		Classification	(a)(5)	(a)(1)	(a)(1)	(a)(1)	(a)(5)
Semivolatile Organic Analytical Parameters																
Benzo(a)anthracene	mg/kg	0.9	—	170	—	2.0	11	1.8	0.72	0.9		4.2	0.41	0.060	<0.041	<0.036
Benzo(a)pyrene	mg/kg	0.09	—	17	—	8.0	11	2.1	0.98	0.09		4.0	0.34	0.052	<0.041	<0.036
Benzo(b)fluoranthene	mg/kg	0.9	—	170	—	5.0	13	2.1	0.70	0.9		5.6	0.47	0.074	<0.041	<0.036
Dibenzo(a,h)anthracene	mg/kg	0.09	—	17	—	2.0	1.0	0.42	0.15	0.09		0.83	0.060	<0.037	<0.041	<0.036
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	—	170	—	14	5.8	1.6	0.51	0.9		2.7	0.21	<0.037	<0.041	<0.036
Carbazole	mg/kg	32	—	6200	—	0.6	—	—	—	0.6		0.65	0.055	<0.19	<0.21	<0.18
Inorganic Analytical Parameters																
Arsenic	mg/kg	11.3	750	61	25,000	—	13.0	13.0	11.3	11.3		7.8	5.1	2.2	5.3	24
Mercury	mg/kg	23	10	61	0.1	—	0.06	0.06	0.05	0.89		0.10	0.11	0.024	0.13	0.031
Iron	mg/kg	—	—	—	—	—	15,900	15,900	15,000	15,000		26000	14000	15000	23000	27000
Manganese	mg/kg	1,600	69,000	4,100	8,700	—	636	636	630	630		740	510	350	780	230
TCLP																
Arsenic	mg/L	—	—	—	—	0.05	—	—	—	0.05		--	--	--	--	<0.010
Iron	mg/L	—	—	—	—	5.0	—	—	—	5.0		0.11	<0.20	6.1	0.15	0.25
Manganese	mg/L	—	—	—	—	0.15	—	—	—	0.15		7.5	7.6	6.3	33	1.0
Inorganic Analytical Parameters (SPLP)																
Iron	mg/L	—	—	—	—	5.0	—	—	—	5.0		--	--	10	--	--
Manganese	mg/L	—	—	—	—	0.15	—	—	—	0.15		0.082	0.028	0.25	1.2	0.0081

TABLE NOTES

- CONCENTRATION ABOVE THE MOST STRINGENT MAC VALUE
- CONCENTRATION ABOVE THE MAC VALUE FOR A CCDD/USFO FACILITY LOCATION IN THE CITY OF CHICAGO BUT BELOW THE MAC VALUE FOR A FACILITY LOCATION OUTSIDE THE CITY OF CHICAGO IN A MSA COUNTY
- CONCENTRATION ABOVE THE MAC VALUE FOR A CCDD/USFO FACILITY LOCATION WITHIN A MSA COUNTY/NON-MSA COUNTY
- CONCENTRATION ABOVE THE LOWEST REMEDIATION OBJECTIVE FOR CONSTRUCTION WORKERS
- CONCENTRATION ABOVE A TIER 1 REMEDIATION OBJECTIVE

Project Mngr: AWP	Project No. 11247243B	Contract No.:	Terracon	CONTAMINANTS OF CONCERN
Drawn By: RLW	Scale: AS-SHOWN	PESA No.:	192 Exchange Blvd Glendale Heights, IL 60139 (630) 717-4263	PRELIMINARY SITE INVESTIGATION REPORT BEND BOULEVARD EXTENSION BETWEEN 3RD STREET AND 7TH STREET EAST MOLINE, ILLINOIS
Checked By: AWP	File No. 11247243B-2	IDOT Job No.:		
Approved By: RO	Date: APRIL 2026	BDE Sequence No.:		FIGURE 3T

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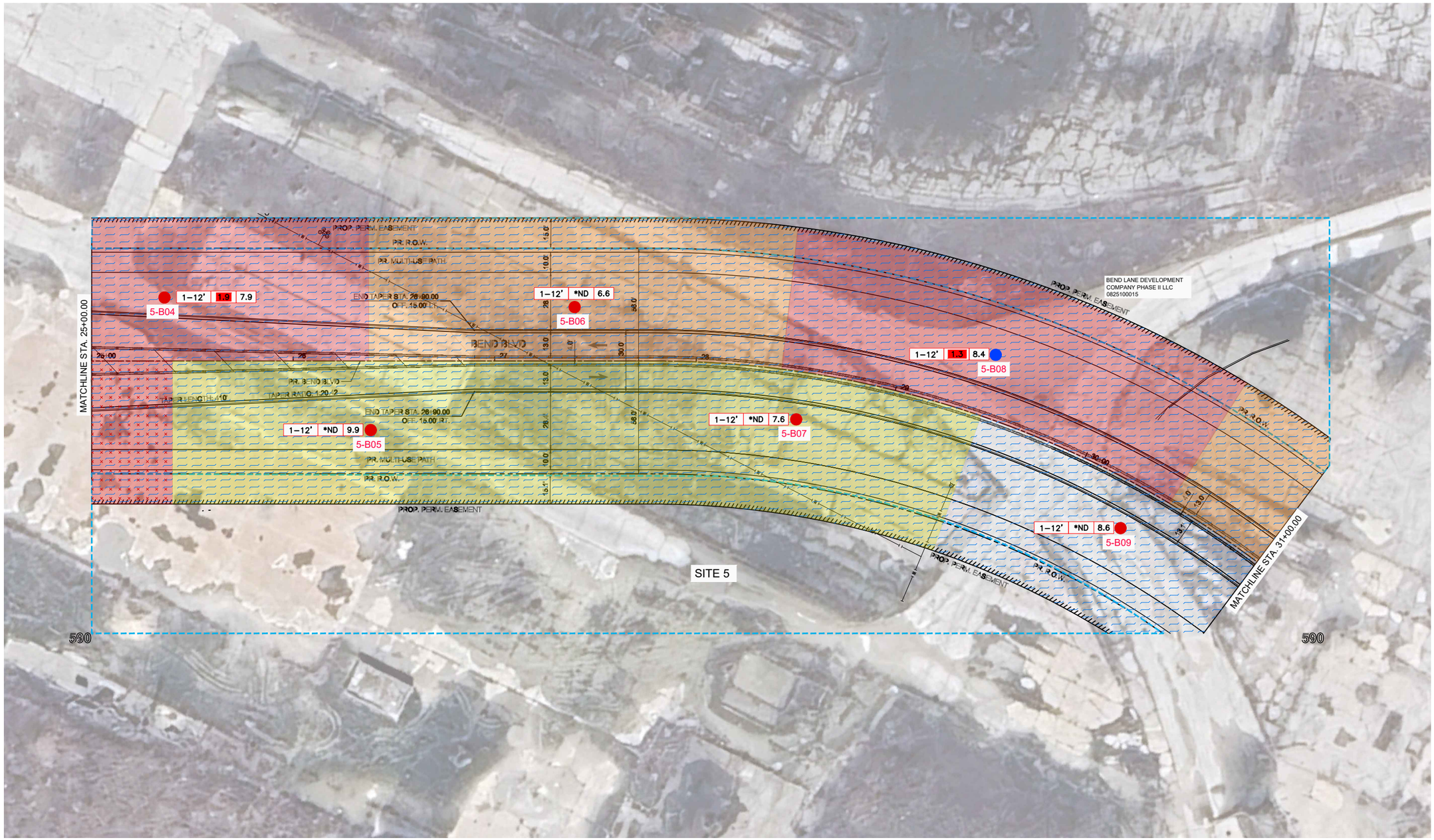
DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.



LEGEND

- BORING LOCATION
- BORING/TEMPORARY WELL LOCATION
- PESA SITE BOUNDARY WITHIN PROPOSED WORK
- SITE # PESA ID

PID | pH — PID EXCEEDS BACKGROUND VALUE OR pH OUTSIDE ACCEPTABLE RANGE FOR CCDD DISPOSAL

Depth	PID	pH

*ND INDICATES A READING OF LESS THAN THE FIELD DETECTION LIMIT (FDL) OF ONE (1) PART PER MILLION ISOBUTYLENE EQUIVALENTS (ppmi).

REGULATED SUBSTANCES CLASSIFICATION

- 669.05(a)(1)
- 669.05(a)(2)
- 669.05(a)(5)
- WORK ZONE
- 669.05(d)

0 25 50
APPROXIMATE SCALE

Project Mngr: AWP	Project No. 11247243B	Contract No.:	
Drawn By: RLW	Scale: AS-SHOWN	PESA No.:	
Checked By: AWP	File No. 11247243B-2	IDOT Job No.:	
Approved By: RO	Date: APRIL 2026	BDE Sequence No.:	

Terracon
192 Exchange Blvd
Glendale Heights, IL 60139
(630) 717-4263

REGULATED SUBSTANCE MANAGEMENT AREAS

PRELIMINARY SITE INVESTIGATION REPORT
BEND BOULEVARD EXTENSION
BETWEEN 3RD STREET AND 7TH STREET
EAST MOLINE, ILLINOIS

FIGURE 4

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DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives					Background			Maximum Allowable Concentration	Sample Identification	5-B04 (1-5)	5-B04 (5-12)	5-B05 (1-5)	5-B05 (1-5)D	5-B05 (5-12)	5-B06 (1-5)	5-B06 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route					Sample Depth (feet)	1-5	5-12	1-5	1-5	5-12	1-5	5-12
											Date Collected	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
											pH	7.9	7.6	9.9	9.9	8.5	7.5	6.6
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Chicago	MSAs	Non-MSAs		PID	*ND	1.9	*ND	*ND	*ND	*ND	*ND
											Classification	(a)(2)	(a)(5)	(a)(1)	(a)(1)	(a)(3)	(a)(2)	(a)(2)
Semivolatile Organic Analytical Parameters																		
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	11	2.1	0.98	0.09		<0.036	<0.041	<0.042	<0.041	0.13	<0.039	<0.039
Inorganic Analytical Parameters																		
Iron	mg/kg	---	---	---	---	---	15,900	15,900	15,000	15,000		17000	24000	15000	23000	2800	11000	30000
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	636	636	630	630		190	1100	270	290	13	590	310
TCLP																		
Iron	mg/L	---	---	---	---	5.0	---	---	---	5.0		14	0.26	5.0	2.1	0.14	0.36	12
Manganese	mg/L	---	---	---	---	0.15	---	---	---	0.15		2.8	16	4.2	4.5	0.13	12	17
Inorganic Analytical Parameters (SPLP)																		
Iron	mg/L	---	---	---	---	5.0	---	---	---	5.0		86	--	150	--	--	--	13
Manganese	mg/L	---	---	---	---	0.15	---	---	---	0.15		0.72	2.4	1.8	2.3	0.014	1.8	0.43

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives					Background			Maximum Allowable Concentration	Sample Identification	5-B07 (1-5)	5-B07 (5-12)	5-B08 (1-5)	5-B08 (5-12)	5-B09 (1-5)	5-B09 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route					Sample Depth (feet)	1-5	5-12	1-5	5-12	1-5	5-12
											Date Collected	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
											pH	7.6	7.3	8.4	8.3	7.4	8.6
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Chicago	MSAs	Non-MSAs		PID	*ND	*ND	1.3	*ND	*ND	*ND
											Classification	(a)(1)	(a)(2)	(a)(5)	(a)(2)	Unrestricted	Unrestricted
Semivolatile Organic Analytical Parameters																	
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	11	2.1	0.98	0.09		<0.037	<0.040	<0.039	<0.037	<0.040	0.043
Inorganic Analytical Parameters																	
Iron	mg/kg	---	---	---	---	---	15,900	15,900	15,000	15,000		13000	20000	11000	12000	22000	10000
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	636	636	630	630		880	290	500	120	320	300
TCLP																	
Iron	mg/L	---	---	---	---	5.0	---	---	---	5.0		0.63	10	1.2	20	0.33	9.5
Manganese	mg/L	---	---	---	---	0.15	---	---	---	0.15		19	6.0	10	2.5	0.066	0.65
Inorganic Analytical Parameters (SPLP)																	
Iron	mg/L	---	---	---	---	5.0	---	---	---	5.0		--	35	--	53	--	2.3
Manganese	mg/L	---	---	---	---	0.15	---	---	---	0.15		1.2	0.64	2.1	0.51	--	0.010

TABLE NOTES

CONCENTRATION ABOVE THE MOST STRINGENT MAC VALUE

CONCENTRATION ABOVE THE MAC VALUE FOR A CCDD/USFO FACILITY LOCATION IN THE CITY OF CHICAGO BUT BELOW THE MAC VALUE FOR A FACILITY LOCATION OUTSIDE THE CITY OF CHICAGO IN A MSA COUNTY

CONCENTRATION ABOVE THE MAC VALUE FOR A CCDD/USFO FACILITY LOCATION WITHIN A MSA COUNTY/NON-MSA COUNTY

CONCENTRATION ABOVE THE LOWEST REMEDIATION OBJECTIVE FOR CONSTRUCTION WORKERS

CONCENTRATION ABOVE A TIER 1 REMEDIATION OBJECTIVE

Project Mngr: AWP	Project No. 11247243B	Contract No.:	Terracon
Drawn By: RLW	Scale: AS-SHOWN	PESA No.:	192 Exchange Blvd Glendale Heights, IL 60139 (630) 717-4263
Checked By: AWP	File No. 11247243B-2	IDOT Job No.:	CONTAMINANTS OF CONCERN
Approved By: RO	Date: APRIL 2026	BDE Sequence No.:	PRELIMINARY SITE INVESTIGATION REPORT BEND BOULEVARD EXTENSION BETWEEN 3RD STREET AND 7TH STREET EAST MOLINE, ILLINOIS

FIGURE 4T

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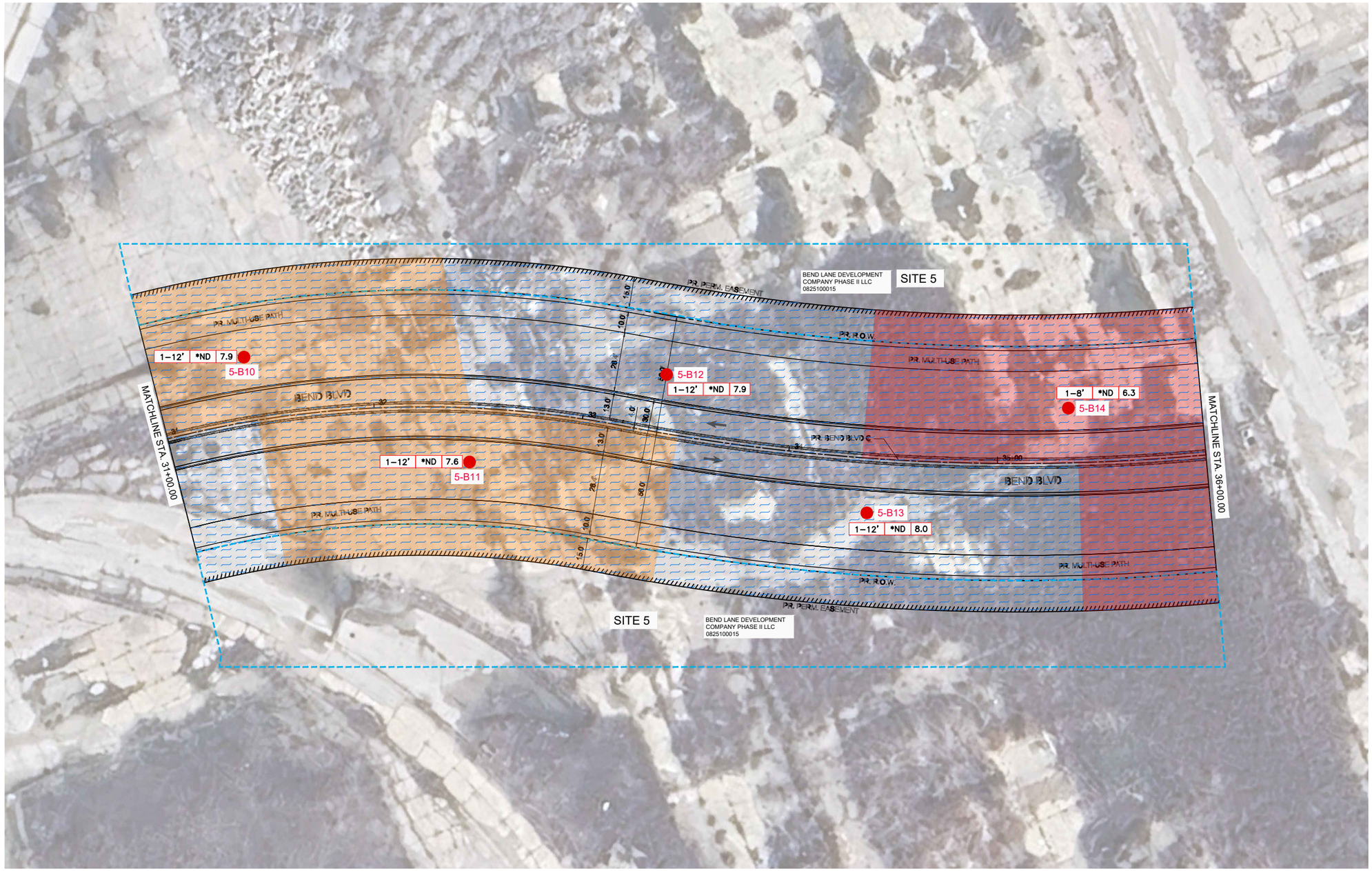
DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.



LEGEND

- BORING LOCATION
- PESA SITE BOUNDARY WITHIN PROPOSED WORK
- SITE # PESA ID

PID pH PID EXCEEDS BACKGROUND VALUE OR pH OUTSIDE ACCEPTABLE RANGE FOR CCDD DISPOSAL

Depth	PID	pH

*ND INDICATES A READING OF LESS THAN THE FIELD DETECTION LIMIT (FDL) OF ONE (1) PART PER MILLION ISOBUTYLENE EQUIVALENTS (ppmi).

REGULATED SUBSTANCES CLASSIFICATION

- 669.05(a)(2)
- 669.05(a)(5)
- 669.05(d)

0 25 50
APPROXIMATE SCALE

Project Mngr: AWP	Project No. 11247243B	Contract No.:	
Drawn By: RLW	Scale: AS-SHOWN	PESA No.:	
Checked By: AWP	File No. 11247243B-2	IDOT Job No.:	
Approved By: RO	Date: APRIL 2026	BDE Sequence No.:	

Terracon
192 Exchange Blvd
Glendale Heights, IL 60139
(630) 717-4263

REGULATED SUBSTANCE MANAGEMENT AREAS

PRELIMINARY SITE INVESTIGATION REPORT
BEND BOULEVARD EXTENSION
BETWEEN 3RD STREET AND 7TH STREET
EAST MOLINE, ILLINOIS

FIGURE 5

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DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives					Background			Maximum Allowable Concentration	Sample Identification	5-B10 (1-5)	5-B10 (1-5)D	5-B10 (5-12)	5-B11 (1-5)	5-B11 (5-12)	5-B12 (1-5)	5-B12 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route					Sample Depth (feet)	1-5	1-5	5-12	1-5	5-12	1-5	5-12
											Date Collected	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-22	2025-05-22
											pH	7.9	7.4	7.5	7.6	7.3	7.9	7.2
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
											Classification	Unrestricted	Unrestricted	(a)(2)	Unrestricted	(a)(2)	Unrestricted	Unrestricted
Inorganic Analytical Parameters																		
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	636	636	630	630		280	220	200	240	130	900	380
TCLP																		
Manganese	mg/L	---	---	---	---	0.15	---	---	---	0.15		0.077	0.034	1.7	0.047	2.6	0.011	0.14
Inorganic Analytical Parameters (SPLP)																		
Manganese	mg/L	---	---	---	---	0.15	---	---	---	0.15		--	--	0.48	--	0.38	--	--

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives					Background			Maximum Allowable Concentration	Sample Identification	5-B13 (1-5)	5-B13 (5-12)	5-B14 (1-5)	5-B14 (5-8)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route					Sample Depth (feet)	1-5	5-12	1-5	5-8
											Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22
											pH	7.5	8.0	7.4	6.3
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND
											Classification	Unrestricted	Unrestricted	Unrestricted	(a)(5)
Inorganic Analytical Parameters															
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	636	636	630	630		820	490	220	2100
TCLP															
Manganese	mg/L	---	---	---	---	0.15	---	---	---	0.15		0.69	1.7	0.043	0.063
Inorganic Analytical Parameters (SPLP)															
Manganese	mg/L	---	---	---	---	0.15	---	---	---	0.15		0.028	0.053	--	--

TABLE NOTES

- CONCENTRATION ABOVE THE MOST STRINGENT MAC VALUE
- CONCENTRATION ABOVE THE MAC VALUE FOR A CCDD/USFO FACILITY LOCATION IN THE CITY OF CHICAGO BUT BELOW THE MAC VALUE FOR A FACILITY LOCATION OUTSIDE THE CITY OF CHICAGO IN A MSA COUNTY
- CONCENTRATION ABOVE THE MAC VALUE FOR A CCDD/USFO FACILITY LOCATION WITHIN A MSA COUNTY/NON-MSA COUNTY
- CONCENTRATION ABOVE THE LOWEST REMEDIATION OBJECTIVE FOR CONSTRUCTION WORKERS
- CONCENTRATION ABOVE A TIER 1 REMEDIATION OBJECTIVE

Project Mngr: AWP	Project No. 11247243B	Contract No.:	
Drawn By: RLW	Scale: AS-SHOWN	PESA No.:	
Checked By: AWP	File No. 11247243B-2	IDOT Job No.:	
Approved By: RO	Date: APRIL 2026	BDE Sequence No.:	

Terracon
192 Exchange Blvd
Glendale Heights, IL 60139
(630) 717-4263

CONTAMINANTS OF CONCERN

PRELIMINARY SITE INVESTIGATION REPORT
BEND BOULEVARD EXTENSION
BETWEEN 3RD STREET AND 7TH STREET
EAST MOLINE, ILLINOIS

FIGURE
5T

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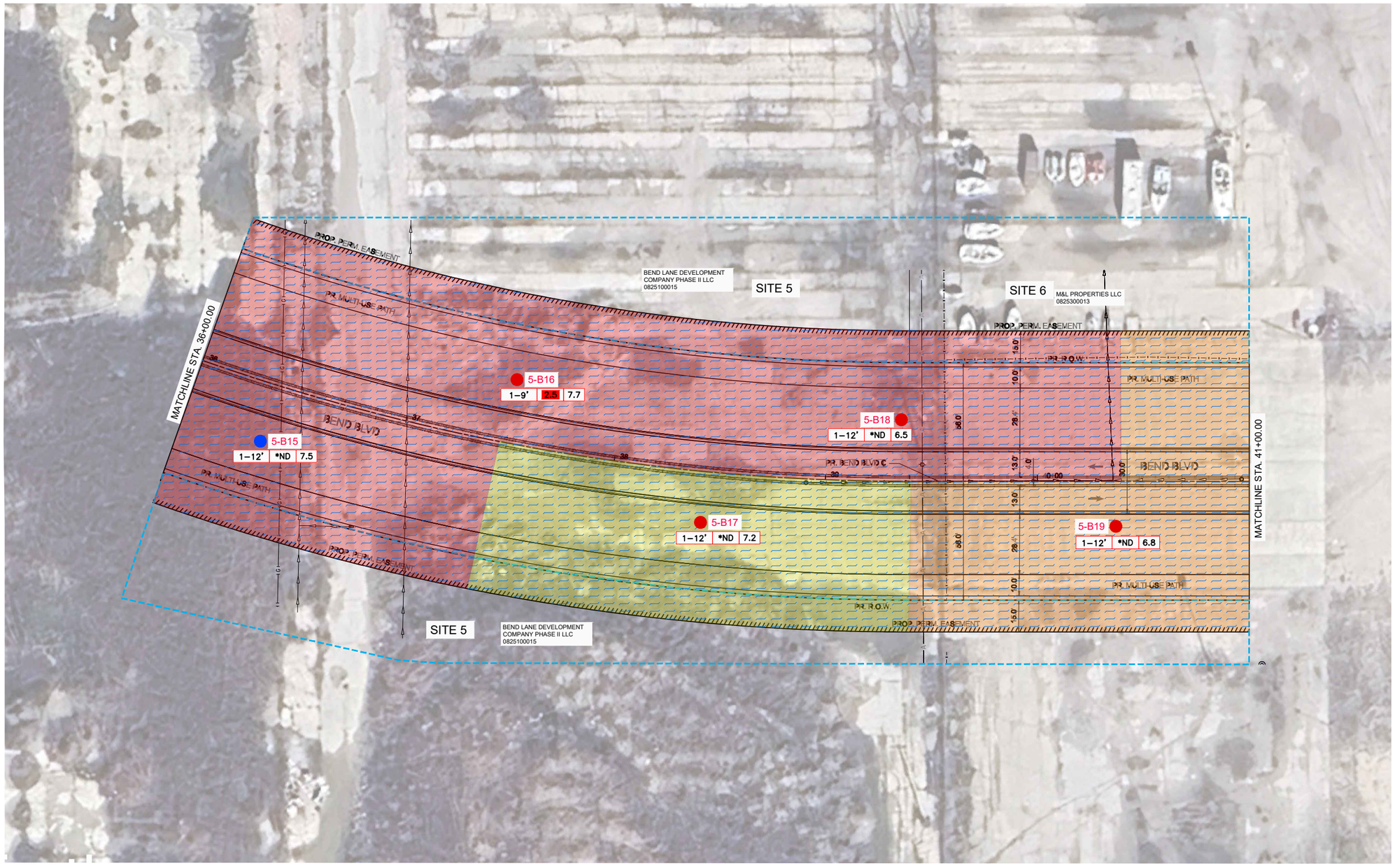
DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.



LEGEND

- BORING LOCATION
- BORING/TEMPORARY WELL LOCATION
- PESA SITE BOUNDARY WITHIN PROPOSED WORK
- SITE # PESA ID

PID pH PID EXCEEDS BACKGROUND VALUE OR pH OUTSIDE ACCEPTABLE RANGE FOR CCDD DISPOSAL

Depth	PID	pH

*ND INDICATES A READING OF LESS THAN THE FIELD DETECTION LIMIT (FDL) OF ONE (1) PART PER MILLION ISOBUTYLENE EQUIVALENTS (ppmi).

REGULATED SUBSTANCES CLASSIFICATION

- 669.05(a)(1)
- 669.05(a)(2)
- 669.05(a)(5)
- 669.05(d)

0 25 50
APPROXIMATE SCALE

Project Mngr: AWP	Project No. 11247243B	Contract No.:	
Drawn By: RLW	Scale: AS-SHOWN	PESA No.:	
Checked By: AWP	File No. 11247243B-2	IDOT Job No.:	
Approved By: RO	Date: APRIL 2026	BDE Sequence No.:	

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REGULATED SUBSTANCE MANAGEMENT AREAS

PRELIMINARY SITE INVESTIGATION REPORT
BEND BOULEVARD EXTENSION
BETWEEN 3RD STREET AND 7TH STREET
EAST MOLINE, ILLINOIS

FIGURE 6

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Analyte	Units	IEPA Tier 1 Soil Remediation Objectives					Background			Maximum Allowable Concentration	Sample Identification	5-B15 (1-5)	5-B15 (1-5)D	5-B15 (5-12)	5-B16 (1-5)	5-B16 (5-9)	5-B17 (1-5)	5-B17 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route					Sample Depth (feet)	1-5	1-5	5-12	1-5	5-9	1-5	5-12
											Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
											pH	7.5	7.4	6.6	7.7	6.6	7.2	7.1
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	2.5	*ND	*ND	*ND
											Classification	(a)(2)	(a)(5)	Unrestricted	(a)(5)	(a)(2)	(a)(1)	(a)(2)
Semivolatile Organic Analytical Parameters																		
Benzo(a)pyrene	mg/kg	0.09	—	17	---	8.0	11	2.1	0.98	0.09		<0.037	0.055	<0.036	0.46	<0.037	<0.036	<0.036
Pesticide Organic Analytical Parameters																		
4,4'-DDD	mg/kg	3	—	520	---	16	—	—	—	3.0		<1.9	8.5	--	<1.9	--	<1.9	--
4,4'-DDE	mg/kg	2	—	370	---	54	—	—	—	2.0		1.2	18	--	<1.9	--	0.98	--
Inorganic Analytical Parameters																		
Lead	mg/kg	400	—	700	---	—	36	36	20.9	107		8.3	8.7	2.2	66	5.1	260	2.0
Iron	mg/kg	---	—	—	---	—	15,900	15,900	15,000	15,000		14000	13000	1900	18000	6600	25000	1500
Manganese	mg/kg	1,600	69,000	4,100	8,700	—	636	636	630	630		460	990	47	730	150	950	27
TCLP																		
Lead	mg/L	---	—	—	---	0.0075	—	—	—	0.0075		--	--	--	--	--	0.44	--
Iron	mg/L	---	—	—	---	5.0	—	—	—	5.0		<0.20	0.39	0.10	9.1	0.19	30	0.66
Manganese	mg/L	---	—	—	---	0.15	—	—	—	0.15		8.1	1.2	0.89	3.5	2.3	5.7	1.2
Inorganic Analytical Parameters (SPLP)																		
Iron	mg/L	---	—	—	---	5.0	—	—	—	5.0		--	--	--	2.3	--	3.2	--
Lead	mg/L	---	—	—	---	0.0075	—	—	—	0.0075		--	--	--	--	--	0.024	--
Manganese	mg/L	---	—	—	---	0.15	—	—	—	0.15		1.3	1.4	0.081	0.029	0.70	0.071	0.38

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives					Background			Maximum Allowable Concentration	Sample Identification	5-B18 (1-5)	5-B18 (5-12)	5-B19 (1-5)	5-B19 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route					Sample Depth (feet)	1-5	5-12	1-5	5-12
											Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22
											pH	7.3	6.5	6.9	6.8
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND
											Classification	(a)(5)	(a)(2)	(a)(2)	(a)(2)
Semivolatile Organic Analytical Parameters															
Benzo(a)pyrene	mg/kg	0.09	—	17	—	8.0	11	2.1	0.98	0.09		0.091	<0.041	<0.036	<0.044
Pesticide Organic Analytical Parameters															
4,4'-DDD	mg/kg	3	—	520	—	16	—	---	—	3.0		<1.8	--	<1.9	--
4,4'-DDE	mg/kg	2	—	370	—	54	—	---	—	2.0		<1.8	--	<1.9	--
Inorganic Analytical Parameters															
Lead	mg/kg	400	—	700	—	—	36	36	20.9	107		470	10	16	15
Iron	mg/kg	—	—	—	—	—	15,900	15,900	15,000	15,000		21000	15000	18000	35000
Manganese	mg/kg	1,600	69,000	4,100	8,700	—	636	636	630	630		1200	120	420	240
TCLP															
Lead	mg/L	—	—	—	—	0.0075	—	---	—	0.0075		0.10	--	--	--
Iron	mg/L	—	—	—	—	5.0	—	---	—	5.0		0.22	1.1	9.1	0.18
Manganese	mg/L	—	—	—	—	0.15	—	---	—	0.15		2.0	0.70	8.2	2.1
Inorganic Analytical Parameters (SPLP)															
Iron	mg/L	—	—	—	—	5.0	—	---	—	5.0		--	--	110	--
Lead	mg/L	—	—	—	—	0.0075	—	---	—	0.0075		0.039	--	--	--
Manganese	mg/L	—	—	—	—	0.15	—	---	—	0.15		0.026	0.18	1.6	0.28

TABLE NOTES

CONCENTRATION ABOVE THE MOST STRINGENT MAC VALUE

CONCENTRATION ABOVE A TIER 1 REMEDIATION OBJECTIVE

CONCENTRATION ABOVE THE MAC VALUE FOR A CCDD/USFO FACILITY LOCATION WITHIN A MSA COUNTY/NON–MSA COUNTY

Project Mngr: AWP	Project No. 11247243B	Contract No.:	Terracon	CONTAMINANTS OF CONCERN
Drawn By: RLW	Scale: AS-SHOWN	PESA No.:	192 Exchange Blvd Glendale Heights, IL 60139 (630) 717-4263	PRELIMINARY SITE INVESTIGATION REPORT BEND BOULEVARD EXTENSION BETWEEN 3RD STREET AND 7TH STREET EAST MOLINE, ILLINOIS
Checked By: AWP	File No. 11247243B-2	IDOT Job No.:		FIGURE 6T
Approved By: RO	Date: APRIL 2026	BDE Sequence No.:		

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DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.

N

SITE 6

M&L PROPERTIES LLC
0825300013

PROP. PERM. EASEMENT

PR. R.O.W.

EX. PROPERTY LINE

PR. MULTI-USE PATH

5-B20
1–12' | *ND | 7.5

5-B21
1–12' | *ND | 6.5

1–12' | *ND | 6.4
5-B22

1–12' | 5.1 | 7.5
5-B24

5-B23
1–12' | *ND | 7.9

BEND BLVD

PR. BEND BLVD C

MATCHLINE STA. 41+00.00

MATCHLINE STA. 46+00.00

66.0'

28.4'

13.5'

10.0'

10.0'

15.0'

STA. 42+80.33
12.5° CCE

BEND LANE DEVELOPMENT
COMPANY PHASE II LLC
0825100015

SITE 5

SITE 7

LEGEND

- BORING LOCATION
- BORING/TEMPORARY WELL LOCATION
- PESA SITE BOUNDARY WITHIN PROPOSED WORK
- SITE # PESA ID

PID | pH — PID EXCEEDS BACKGROUND VALUE OR pH OUTSIDE ACCEPTABLE RANGE FOR CCDD DISPOSAL

Depth	PID	pH

*ND INDICATES A READING OF LESS THAN THE FIELD DETECTION LIMIT (FDL) OF ONE (1) PART PER MILLION ISOBUTYLENE EQUIVALENTS (ppmi).

REGULATED SUBSTANCES CLASSIFICATION

- 669.05(a)(1)
- 669.05(a)(2)
- 669.05(a)(5)
- 669.05(d)
- WORK ZONE

0 25 50
APPROXIMATE SCALE

Project Mngr: AWP	Project No. 11247243B	Contract No.:	
Drawn By: RLW	Scale: AS-SHOWN	PESA No.:	
Checked By: AWP	File No. 11247243B-2	IDOT Job No.:	
Approved By: RO	Date: APRIL 2026	BDE Sequence No.:	

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REGULATED SUBSTANCE MANAGEMENT AREAS

**PRELIMINARY SITE INVESTIGATION REPORT
BEND BOULEVARD EXTENSION
BETWEEN 3RD STREET AND 7TH STREET
EAST MOLINE, ILLINOIS**

FIGURE 7

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DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives					Background			Maximum Allowable Concentration	Sample Identification	5-B20 (1-5)	5-B20 (1-5)D	5-B20 (5-12)	5-B21 (1-5)	5-B21 (5-12)	5-B22 (1-5)	5-B22 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route					Sample Depth (feet)	1-5	1-5	5-12	1-5	5-12	1-5	5-12
											Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
											pH	7.1	7.5	6.9	7.4	6.5	7.1	6.4
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
											Classification	(a)(2)	(a)(2)	Unrestricted	(a)(1)	Unrestricted	(a)(5)	Unrestricted
Semivolatile Organic Analytical Parameters																		
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	11	1.8	0.72	0.9		<0.036	<0.036	<0.039	0.19	<0.039	0.062	<0.045
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	11	2.1	0.98	0.09		<0.036	<0.036	<0.039	0.16	<0.039	<0.038	<0.045
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	13	2.1	0.70	0.9		<0.036	<0.036	<0.039	0.28	<0.039	0.080	<0.045
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	1.0	0.42	0.15	0.09		<0.036	<0.036	<0.039	<0.037	<0.039	<0.038	<0.045
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	5.8	1.6	0.51	0.9		<0.036	<0.036	<0.039	0.13	<0.039	<0.038	<0.045
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	0.26	0.20	0.17	1.8		<0.036	<0.036	<0.039	0.20	<0.039	0.24	<0.045
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	0.6		<0.18	<0.18	<0.19	0.039	<0.20	<0.19	<0.23
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	6.1		<0.18	<0.18	<0.19	0.11	<0.20	0.10	<0.23
Pesticide Organic Analytical Parameters																		
4,4'-DDD	mg/kg	3	---	520	---	16	---	---	---	3.0		<1.8	<1.9	--	<1.9	--	<2.0	--
4,4'-DDE	mg/kg	2	---	370	---	54	---	---	---	2.0		<1.8	<1.9	--	<1.9	--	<2.0	--
Inorganic Analytical Parameters																		
Arsenic	mg/kg	11.3	750	61	25,000	---	13.0	13.0	11.3	11.3		2.6	3.5	1.6	4.0	3.0	18	1.9
Lead	mg/kg	400	---	700	---	---	36	36	20.9	107		13	8.4	6.8	110	9.9	75	11
Mercury	mg/kg	23	10	61	0.1	---	0.06	0.06	0.05	0.89		0.034	0.024	0.034	0.030	0.039	0.0078	0.041
Antimony	mg/kg	31	---	82	---	---	4.0	4.0	3.3	5.0		<2.2	<2.1	<2.1	<2.2	<2.1	<2.3	<2.7
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	636	636	630	630		270	330	77	400	74	1000	120
Thallium	mg/kg	6.3	---	160	---	---	0.32	0.32	0.42	2.6		0.82	0.87	<1.1	2.4	0.61	7.1	<1.4
TCLP																		
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	0.05		--	--	--	--	--	<0.010	--
Lead	mg/L	---	---	---	---	0.0075	---	---	---	0.0075		--	--	--	0.068	--	--	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	0.006		--	--	--	--	--	--	--
Manganese	mg/L	---	---	---	---	0.15	---	---	---	0.15		6.2	3.0	0.79	9.3	1.1	1.4	0.84
Thallium	mg/L	---	---	---	---	0.002	---	---	---	0.002		--	--	--	--	--	<0.0020	--
Inorganic Analytical Parameters (SPLP)																		
Antimony	mg/L	---	---	---	---	0.006	---	---	---	0.006		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	5.0		--	--	--	--	--	--	--
Lead	mg/L	---	---	---	---	0.0075	---	---	---	0.0075		--	--	--	0.41	--	--	--
Manganese	mg/L	---	---	---	---	0.15	---	---	---	0.15		0.68	0.76	0.066	1.3	0.10	0.098	0.087

TABLE NOTES

CONCENTRATION ABOVE THE MOST STRINGENT MAC VALUE

CONCENTRATION ABOVE THE MAC VALUE FOR A CCDD/USFO FACILITY LOCATION IN THE CITY OF CHICAGO BUT BELOW THE MAC VALUE FOR A FACILITY LOCATION OUTSIDE THE CITY OF CHICAGO IN A MSA COUNTY

CONCENTRATION ABOVE THE MAC VALUE FOR A CCDD/USFO FACILITY LOCATION WITHIN A MSA COUNTY/NON-MSA COUNTY

CONCENTRATION ABOVE THE LOWEST REMEDIATION OBJECTIVE FOR CONSTRUCTION WORKERS

CONCENTRATION ABOVE A TIER 1 REMEDIATION OBJECTIVE

Project Mngr: AWP	Project No. 11247243B	Contract No.:	
Drawn By: RLW	Scale: AS-SHOWN	PESA No.:	
Checked By: AWP	File No. 11247243B-2	IDOT Job No.:	
Approved By: RO	Date: APRIL 2026	BDE Sequence No.:	

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CONTAMINANTS OF CONCERN

PRELIMINARY SITE INVESTIGATION REPORT
BEND BOULEVARD EXTENSION
BETWEEN 3RD STREET AND 7TH STREET
EAST MOLINE, ILLINOIS

FIGURE 7T

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DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives					Background			Maximum Allowable Concentration	Sample Identification	5-B23 (1-5)	5-B23 (5-12)	5-B24 (1-5)	5-B24 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route					Sample Depth (feet)	1-5	5-12	1-5	5-12
											Date Collected	2025-05-23	2025-05-23	2025-05-23	2025-05-23
											pH	7.9	7.0	7.5	7.1
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Chicago	MSAs	Non-MSAs		PID	*ND	*ND	5.1	*ND
											Classification	(a)(5)	(a)(2)	(a)(5)	Unrestricted
Semivolatile Organic Analytical Parameters															
Benzo(a)anthracene	mg/kg	0.9	—	170	---	2.0	11	1.8	0.72	0.9		2.0	0.027	14	0.093
Benzo(a)pyrene	mg/kg	0.09	—	17	---	8.0	11	2.1	0.98	0.09		2.1	<0.044	13	0.089
Benzo(b)fluoranthene	mg/kg	0.9	—	170	---	5.0	13	2.1	0.70	0.9		3.0	<0.044	17	0.13
Dibenzo(a,h)anthracene	mg/kg	0.09	—	17	---	2.0	1.0	0.42	0.15	0.09		0.40	<0.044	2.3	<0.041
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	—	170	---	14	5.8	1.6	0.51	0.9		1.6	<0.044	8.8	0.069
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	0.26	0.20	0.17	1.8		0.21	0.038	20	0.053
Carbazole	mg/kg	32	—	6200	---	0.6	---	---	---	0.6		0.22	<0.22	7.7	0.024
Dibenzofuran	mg/kg	---	---	---	---	---	---	---	---	6.1		0.21	<0.22	11	0.021
Pesticide Organic Analytical Parameters															
4,4'-DDD	mg/kg	3	—	520	---	16	---	---	---	3.0		<1.9	--	15	--
4,4'-DDE	mg/kg	2	—	370	---	54	---	---	---	2.0		<1.9	--	13	--
Inorganic Analytical Parameters															
Arsenic	mg/kg	11.3	750	61	25,000	---	13.0	13.0	11.3	11.3		5.6	2.4	6.8	2.5
Lead	mg/kg	400	—	700	---	---	36	36	20.9	107		310	15	780	13
Mercury	mg/kg	23	10	61	0.1	---	0.06	0.06	0.05	0.89		0.18	0.043	0.062	0.039
Antimony	mg/kg	31	—	82	---	---	4.0	4.0	3.3	5.0		0.98	<2.3	6.7	<2.3
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	636	636	630	630		460	260	640	160
Thallium	mg/kg	6.3	—	160	---	---	0.32	0.32	0.42	2.6		2.8	1.7	3.6	1.2
TCLP															
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	0.05		--	--	--	--
Lead	mg/L	---	---	---	---	0.0075	---	---	---	0.0075		0.13	--	0.018	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	0.006		--	--	0.0061	--
Manganese	mg/L	---	---	---	---	0.15	---	---	---	0.15		3.6	6.1	4.8	2.5
Thallium	mg/L	---	---	---	---	0.002	---	---	---	0.002		<0.0020	--	<0.0020	--
Inorganic Analytical Parameters (SPLP)															
Antimony	mg/L	---	---	---	---	0.006	---	---	---	0.006		--	--	0.0087	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	5.0		--	--	--	--
Lead	mg/L	---	---	---	---	0.0075	---	---	---	0.0075		0.12	--	0.018	--
Manganese	mg/L	---	---	---	---	0.15	---	---	---	0.15		0.030	0.93	0.026	0.049

TABLE NOTES

CONCENTRATION ABOVE THE MOST STRINGENT MAC VALUE

CONCENTRATION ABOVE THE MAC VALUE FOR A CCDD/USFO FACILITY LOCATION IN THE CITY OF CHICAGO BUT BELOW THE MAC VALUE FOR A FACILITY LOCATION OUTSIDE THE CITY OF CHICAGO IN A MSA COUNTY

CONCENTRATION ABOVE THE MAC VALUE FOR A CCDD/USFO FACILITY LOCATION WITHIN A MSA COUNTY/NON-MSA COUNTY

CONCENTRATION ABOVE THE LOWEST REMEDIATION OBJECTIVE FOR CONSTRUCTION WORKERS

CONCENTRATION ABOVE A TIER 1 REMEDIATION OBJECTIVE

Project Mngr: AWP	Project No. 11247243B	Contract No.:	
Drawn By: RLW	Scale: AS-SHOWN	PESA No.:	
Checked By: AWP	File No. 11247243B-2	IDOT Job No.:	
Approved By: RO	Date: APRIL 2026	BDE Sequence No.:	

Terracon
192 Exchange Blvd
Glendale Heights, IL 60139
(630) 717-4263

CONTAMINANTS OF CONCERN

PRELIMINARY SITE INVESTIGATION REPORT
BEND BOULEVARD EXTENSION
BETWEEN 3RD STREET AND 7TH STREET
EAST MOLINE, ILLINOIS

FIGURE 7T

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DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.

N

SITE 15

BI STATE STEEL CO.
0825300001

801 7TH STREET
0825300008

SITE 7

PROP. TEMP. EASEMENT

PR. R.O.W.

EX. PROPERTY LINE

PR. MULTI-USE PATH

PROP. PERM. EASEMENT

BEND BLVD

7TH STREET

MATCHLINE STA. 46+00.00

STA. 50+68.97 (BEND BLVD) =
STA. 720+21.21 (7TH STREET)
Δ = 90°0'00"

7TH STREET ℄

	Depth	PID	pH
5-B25	1–12'	*ND	7.4
5-B26	1–12'	*ND	7.5
5-B27	1–12'	*ND	7.6
5-B28	1–12'	*ND	6.6
5-B29	1–12'	*ND	6.8

LEGEND

- BORING LOCATION
- PESA SITE BOUNDARY WITHIN PROPOSED WORK
- SITE # PESA ID

PID pH PID EXCEEDS BACKGROUND VALUE OR pH OUTSIDE ACCEPTABLE RANGE FOR CCDD DISPOSAL

*ND INDICATES A READING OF LESS THAN THE FIELD DETECTION LIMIT (FDL) OF ONE (1) PART PER MILLION ISOBUTYLENE EQUIVALENTS (ppmi).

REGULATED SUBSTANCES CLASSIFICATION

- 669.05(a)(2)
- 669.05(a)(5)
- WORK ZONE
- 669.05(d)

0 25 50
APPROXIMATE SCALE

Project Mngr: AWP	Project No. 11247243B	Contract No.:	
Drawn By: RLW	Scale: AS-SHOWN	PESA No.:	
Checked By: AWP	File No. 11247243B-2	IDOT Job No.:	
Approved By: RO	Date: APRIL 2026	BDE Sequence No.:	

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REGULATED SUBSTANCE MANAGEMENT AREAS

PRELIMINARY SITE INVESTIGATION REPORT
BEND BOULEVARD EXTENSION
BETWEEN 3RD STREET AND 7TH STREET
EAST MOLINE, ILLINOIS

FIGURE 8

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DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES.

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives					Background			Maximum Allowable Concentration	Sample Identification	5-B25 (1-5)	5-B25 (5-12)	5-B25 (5-12)D	5-B26 (1-5)	5-B26 (5-12)	5-B27 (1-5)	5-B27 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route					Sample Depth (feet)	1-5	5-12	5-12	1-5	5-12	1-5	5-12
											Date Collected	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23
											pH	7.1	7.4	7.4	7.5	7.3	7.4	7.6
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
											Classification	(a)(2)	Unrestricted	Unrestricted	Unrestricted	(a)(2)	(a)(5)	(a)(2)
Semivolatile Organic Analytical Parameters																		
Benzo(a)pyrene	mg/kg	0.09	--	17	--	8.0	11	2.1	0.98	0.09		<0.037	<0.040	<0.041	<0.037	<0.037	0.30	<0.047
Inorganic Analytical Parameters																		
Mercury	mg/kg	23	10	61	0.1	--	0.06	0.06	0.05	0.89		0.021	0.039	0.043	0.025	0.022	1.0	0.040
Manganese	mg/kg	1,600	69,000	4,100	8,700	--	636	636	630	630		600	210	120	800	200	380	460
TCLP																		
Manganese	mg/L	--	--	--	--	0.15	--	--	--	0.15		7.5	1.2	1.3	0.14	4.3	3.9	2.4
Inorganic Analytical Parameters (SPLP)																		
Manganese	mg/L	--	--	--	--	0.15	--	--	--	0.15		0.26	0.088	0.078	--	1.2	0.0059	0.57

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives					Background			Maximum Allowable Concentration	Sample Identification	5-B28 (1-5)	5-B28 (1-5)D	5-B28 (5-12)	5-B29 (1-5)	5-B29 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route					Sample Depth (feet)	1-5	1-5	5-12	1-5	5-12
											Date Collected	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23
											pH	7.1	7.1	6.6	6.8	7.0
		Ingestion	Inhalation	Ingestion	Inhalation	Class I	Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND
											Classification	Unrestricted	(a)(3)	(a)(5)	(a)(3)	(a)(2)
Semivolatile Organic Analytical Parameters																
Benzo(a)pyrene	mg/kg	0.09	--	17	--	8.0	11	2.1	0.98	0.09		0.034	0.33	<0.037	0.36	<0.089
Inorganic Analytical Parameters																
Mercury	mg/kg	23	10	61	0.1	--	0.06	0.06	0.05	0.89		0.020	0.022	0.016	0.020	0.042
Manganese	mg/kg	1,600	69,000	4,100	8,700	--	636	636	630	630		300	510	4000	530	330
TCLP																
Manganese	mg/L	--	--	--	--	0.15	--	--	--	0.15		0.40	0.84	4.6	4.3	4.3
Inorganic Analytical Parameters (SPLP)																
Manganese	mg/L	--	--	--	--	0.15	--	--	--	0.15		0.074	0.019	1.3	0.16	0.51

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Project Mngr: AWP	Project No. 11247243B	Contract No.:	
Drawn By: RLW	Scale: AS-SHOWN	PESA No.:	
Checked By: AWP	File No. 11247243B-2	IDOT Job No.:	
Approved By: RO	Date: APRIL 2026	BDE Sequence No.:	

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CONTAMINANTS OF CONCERN

**PRELIMINARY SITE INVESTIGATION REPORT
BEND BOULEVARD EXTENSION
BETWEEN 3RD STREET AND 7TH STREET
EAST MOLINE, ILLINOIS**

FIGURE
8T

APPENDICES

APPENDIX A

Soil Boring Logs

Bend Boulevard Extension Preliminary Site Investigation
Between 3rd Street and 7th Street | East Moline, Illinois
Terracon Project No. 11247243B

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B01

Location See Figure 3

Graphic Log	Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
		FILL - SILTY CLAY, with sand and gravel, trace brick, black, moist					*ND		
						44	*ND	1	5-B01 (1-5)
		grades to no brick at 4'							
	5.0		5						
		FILL - SAND AND GRAVEL, trace brick, brown gray, moist					*ND		5-B01 (5-7)
						20		2	
	7.0								
		Refusal at 7 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
None during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-20-2025

Boring Completed
05-20-2025

Bend Boulevard Extension Preliminary Site Investigation
Between 3rd Street and 7th Street | East Moline, Illinois
Terracon Project No. 11247243B

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B02

Location See Figure 3

Graphic Log	Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
		FILL - CONCRETE							
	0.8								
		FILL - FINE SAND, trace concrete, gray, moist				24	*ND	1	5-B02 (1-3)
	3.0						*ND		
		Refusal at 3 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
None during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-21-2025

Boring Completed
05-21-2025

Bend Boulevard Extension Preliminary Site Investigation
Between 3rd Street and 7th Street | East Moline, Illinois
Terracon Project No. 11247243B

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B03

Graphic Log	Location See Figure 3 Depth — Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
	FILL - CONCRETE 1.0							
	FILL - SILTY CLAY, trace sand and gravel, black, moist 5.0				38	*ND *ND	1	5-B03 (1-5)
	FILL - FINE SAND, brown, moist 8.0	5			60	*ND *ND	2	
	SILTY CLAY (CL-ML), trace sand, gray, moist grades to gray/dark gray at 10' 12.0	10			20	*ND *ND	3	5-B03 (5-12)
	Boring Terminated at 12 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
None during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-21-2025

Boring Completed
05-21-2025

Bend Boulevard Extension Preliminary Site Investigation
Between 3rd Street and 7th Street | East Moline, Illinois
Terracon Project No. 11247243B

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B04

Graphic Log	Location See Figure 4 Depth — Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
	FILL - TOPSOIL, with roots and concrete, black, moist 0.5							
	FILL - SILTY CLAY, with sand, trace gravel, brown gray, moist					*ND		
					46		1	
						*ND		5-B04 (1-5)
	grades to only trace gravel, black at 4'							
	grades to no more trace gravel, trace sand at 5'	5				*ND		
	grades to black/olive gray, slight petroleum-like odor at 7'					1.4		
					60		2	
	9.0		▽					
	FILL - FINE SAND, trace brick, gray, moist-wet 10.0					1.9		5-B04 (5-12)
	SILTY CLAY (CL-ML), trace sand, gray, moist	10						
					24	*ND	3	
	12.0							
	Boring Terminated at 12 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ 9' during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-21-2025

Boring Completed
05-21-2025

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B05

Location See Figure 4

Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
0.5	**FILL - CONCRETE AND TOPSOIL**, with roots, black/dark brown							
2.0	**FILL - SILTY CLAY**, trace sand and gravel, brown gray, moist					*ND		
5.0	**SILTY CLAY (CL-ML)**, trace sand, gray, moist				48	*ND	1	5-B05 (1-5)
9.0	**COARSE SAND (SP)**, gray, wet grades to brown gray	5	▽		56	*ND *ND	2	
12.0	**SILT (ML)**, trace clay, black/dark gray, moist grades to dark gray at 10'	10			24	*ND *ND	3	5-B05 (5-12)
	Boring Terminated at 12 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ 5' during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Duplicate Sample collected from 1-5' interval [5-B05 (1-5) D].

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-21-2025

Boring Completed
05-21-2025

Bend Boulevard Extension Preliminary Site Investigation
Between 3rd Street and 7th Street | East Moline, Illinois
Terracon Project No. 11247243B

192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B06

Location See Figure 4

Graphic Log	Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
		FILL - CONCRETE, with gravel, moist-dry							
	0.8								
		FILL - SILTY CLAY, with gravel and cinders, trace sand, gray, moist					*ND		
	2.0								
		SILTY CLAY (CL-ML), with sand, trace gravel, gray, moist				36	*ND	1	5-B06 (1-5)
		grades to trace sand and gravel at 5'	5				*ND		
						44	*ND	2	
	9.0								5-B06 (5-12)
		SANDY SILTY CLAY (CL-ML), with gravel, brown, moist					*ND		
	10.0		10						
		SILT (ML), trace clay and gravel, gray, moist-dry				24	*ND	3	
	12.0								
		Boring Terminated at 12 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
None during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-21-2025

Boring Completed
05-21-2025

Bend Boulevard Extension Preliminary Site Investigation
Between 3rd Street and 7th Street | East Moline, Illinois
Terracon Project No. 11247243B

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B07

Location See Figure 4

Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
0.3	**FILL - ASPHALT**							
	FILL - GRAVEL, with brown coarse sand, moist					*ND		
2.0								
	FILL - SILTY CLAY, with gravel, trace sand, brown, moist				34		1	
	grades to with sand, trace gravel, black at 3'					*ND		5-B07 (1-5)
5.0		5						
	SANDY SILTY CLAY (CL-ML), dark gray, moist					*ND		
7.0								
	FINE SAND (SP), trace clay, brown, moist				50	*ND	2	
9.0								
	SILT (ML), with clay, brown gray, moist-dry					*ND		5-B07 (5-12)
	grades to gray, trace clay at 10'	10						
					24	*ND	3	
12.0								
	Boring Terminated at 12 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
None during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-21-2025

Boring Completed
05-21-2025

Bend Boulevard Extension Preliminary Site Investigation
Between 3rd Street and 7th Street | East Moline, Illinois
Terracon Project No. 11247243B

Terracon
192 Exchange Blvd
Glendale Heights, IL

Well Log No. 5-B08

Location See Figure 4

Depth	Material Description	Depth (ft)	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
0.5	**FILL - CONCRETE**					
2.0	**FILL - SILTY CLAY**, with gravel and sand, dark gray/black, moist			*ND		
4.0	**SILTY CLAY (CL-ML)**, with sand, dark gray/black, moist		50	1.3	1	5-B08 (1-5)
9.0	**SANDY SILTY CLAY (CL-ML)**, wet grades to gray, wet-moist at 5'	5	46	1.0 *ND	2	
10.0	**FINE SAND (SP)**, trace gravel, gray, wet			*ND		5-B08 (5-12)
12.0	**SILT (ML)**, trace clay, gray, moist-dry	10	18	*ND	3	
	Boring Terminated at 12 Feet					

INSTALLATION DETAILS
Well Completion:
Riser
Screen

Water Level Observations: ▽ 4' during drilling

See Supporting Information for explanation of symbols and abbreviations.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Well removed, boring backfilled with soil cuttings and bentonite chips upon completion.

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Well Started
05-21-2025

Well Completed
05-21-2025

Bend Boulevard Extension Preliminary Site Investigation
Between 3rd Street and 7th Street | East Moline, Illinois
Terracon Project No. 11247243B

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B09

Graphic Log	Location See Figure 4 Depth — Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
	FILL - ASPHALT, with base stone 0.8							
	FILL - SANDY SILTY CLAY, trace gravel, black, moist 2.0					*ND		
	SILTY CLAY (CL-ML), trace sand, red brown, moist 4.0				48	*ND	1	5-B09 (1-5)
	COARSE SAND (SP), brown, moist grades to wet at 4.5' 7.0	5	▽			*ND		
	SILTY CLAY (CL-ML), with sand, red brown, wet 8.0				58	*ND	2	
	COARSE SAND (SP), brown gray, wet 9.0					*ND		5-B09 (5-12)
	SILT (ML), trace clay, gray, moist-dry 12.0	10			24	*ND	3	
	Boring Terminated at 12 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ 4.5' during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-21-2025

Boring Completed
05-21-2025

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B10

Location See Figure 5

Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
0.8	**FILL - CONCRETE**, with base stone							
2.0	**FILL - SILTY CLAY**, with gravel, trace sand, dark brown, moist					*ND		
4.0	**SILTY CLAY (CL-ML)**, trace sand, red brown, moist				46	*ND	1	5-B10 (1-5)
5.0	**CLAYEY SAND (SC)**, red brown grades to wet at 4.5'	5	▽					
9.0	**COARSE SAND**, brown, wet grades to trace clay and silt at 7'				52	*ND *ND	2	
12.0	**SILT (ML)**, trace clay, gray, moist-dry	10			24	*ND *ND	3	5-B10 (5-12)
	Boring Terminated at 12 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ 4.5' during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Duplicate Sample collected from 1-5' interval [5-B10 (1-5) D].

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-21-2025

Boring Completed
05-21-2025

Bend Boulevard Extension Preliminary Site Investigation
Between 3rd Street and 7th Street | East Moline, Illinois
Terracon Project No. 11247243B

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B11

Graphic Log	Location See Figure 5 Depth — Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
	0.5 **FILL - CONCRETE**, with base stone							
	FILL - SILTY CLAY, with gravel, trace sand, dark gray/black, moist					*ND		
	2.0 **SILTY CLAY (CL-ML)**, trace sand, red brown, moist				50	*ND	1	5-B11 (1-5)
	5.0 **SANDY CLAYEY SILT (ML)**, red brown, moist grades to wet at 6'	5	▽			*ND *ND	2	
	8.0 **COARSE SAND (SP)**, brown, wet				60			
	9.0 **SILT (ML)**, trace clay, gray, moist-dry	10				*ND		5-B11 (5-12)
	12.0 ***Boring Terminated at 12 Feet***				24	*ND	3	

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ 6' during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-21-2025

Boring Completed
05-21-2025

Bend Boulevard Extension Preliminary Site Investigation
Between 3rd Street and 7th Street | East Moline, Illinois
Terracon Project No. 11247243B

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B12

Graphic Log	Location See Figure 5 Depth / Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
	FILL - CONCRETE, with base stone 0.8							
	FILL - SILTY CLAY, with gravel and sand, brown, moist 3.0				38	*ND *ND	1	5-B12 (1-5)
	SILTY CLAY (CL-ML), with sand, red brown, moist 5.0	5						
	SANDY SILTY CLAY (CL-ML), red brown, moist 8.0		▽		56	*ND *ND	2	
	COARSE SAND (SP), with gravel, brown, wet 9.0							
	SILT (ML), trace clay, gray black, moist-dry grades to gray at 10' 12.0	10			24	*ND	3	5-B12 (5-12)
	Boring Terminated at 12 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ 8' during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-22-2025

Boring Completed
05-22-2025

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B13

Graphic Log	Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
Location See Figure 5									
		FILL - CONCRETE, with base stone							
	1.0						*ND		
		FILL - SANDY SILTY CLAY, with gravel, brown gray, moist				42		1	
							*ND		5-B13 (1-5)
	4.0								
		SANDY SILTY CLAY (CL-ML), red brown, moist	5						
				▽			*ND		
		grades to wet at 5.5'							
	7.0						*ND		
		COARSE SAND (SP), trace gravel, brown, wet-moist				60		2	
	8.0								
		SILT (ML), trace clay, gray, moist-dry					*ND		5-B13 (5-12)
		grades to dry at 10'	10						
						22	*ND	3	
	12.0								
		Boring Terminated at 12 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ 5.5' during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-22-2025

Boring Completed
05-22-2025

Bend Boulevard Extension Preliminary Site Investigation
Between 3rd Street and 7th Street | East Moline, Illinois
Terracon Project No. 11247243B

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B14

Location See Figure 5

Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
0.0	**FILL - CONCRETE**, with base stone							
1.0	**FILL - SILTY CLAY**, with sand, trace gravel, brown, moist					*ND		
					40		1	
						*ND		5-B14 (1-5)
4.0	**FINE SAND (SP)**, trace clay and gravel, gray, moist							
5.0	**COARSE SAND (SP)**, trace gravel, brown, moist	5				*ND		
6.0	**SILTY CLAY (CL-ML)**, trace sand and gravel, brown, wet		▽		32		2	
7.0	**SANDY SILT (ML)**, trace gravel, gray, moist					*ND		5-B14 (5-8)
8.0	***Refusal at 8 Feet***							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ 6' during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-22-2025

Boring Completed
05-22-2025

Bend Boulevard Extension Preliminary Site Investigation
Between 3rd Street and 7th Street | East Moline, Illinois
Terracon Project No. 11247243B

Terracon
192 Exchange Blvd
Glendale Heights, IL

Well Log No. 5-B15

Location See Figure 6

Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
0.5	**FILL - ASPHALT**, with base stone							
	FILL - SILTY CLAY, trace sand and gravel, black, moist					*ND		
					52		1	
						*ND		5-B15 (1-5)
4.0								
	SILTY CLAY (CL-ML), trace sand, brown, moist							
5.0		5						
	SANDY SILTY CLAY (CL-ML), brown, moist					*ND		
	grades to wet at 7'		▽			*ND		
					50		2	
8.0								
	SANDY SILT (ML), trace clay, gray, dry					*ND		5-B15 (5-12)
		10						
					20	*ND	3	
12.0								
	Boring Terminated at 12 Feet							

INSTALLATION DETAILS

Well Completion:

Riser

Screen

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ 7' during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes

* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).

Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Well removed, boring backfilled with soil cuttings and bentonite chips upon completion.

Well Started
05-22-2025

Well Completed
05-22-2025

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B16

Location See Figure 6

Graphic Log	Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
	0.8	**FILL - ASPHALT**, with base stone							
	4.0	**FILL - SAND AND CINDERS**, with gravel, trace clay, black, moist				48	1.9 2.5	1	5-B16 (1-5)
	8.0	**FILL - SILTY CLAY**, trace sand and gravel, black, moist grades to light gray at 6'	5			46	*ND *ND	2	5-B16 (5-9)
	9.0	**SANDY SILT (ML)**, trace gravel, brown, moist							
		Refusal at 9 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
None during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-22-2025

Boring Completed
05-22-2025

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B17

Location See Figure 6

Graphic Log	Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
	0.5	**FILL - ASPHALT**, with base stone							
	2.0	**FILL - GRAVEL**, with black fine sand, moist					*ND		
	4.0	**FILL - FINE SAND**, black, moist				38	*ND	1	5-B17 (1-5)
	7.0	**FILL - SILTY CLAY**, with sand, black, moist	5				*ND		
	8.0	**SANDY SILTY CLAY (CL-ML)**, brown, moist				56	*ND	2	
	12.0	**SANDY SILT (ML)**, trace clay, gray, moist grades to moist-dry at 9'	10			22	*ND	3	5-B17 (5-12)
		Boring Terminated at 12 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
None during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-22-2025

Boring Completed
05-22-2025

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B18

Graphic Log	Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
		Location See Figure 6							
	0.5	**FILL - ASPHALT**, with base stone							
	2.0	**FILL - GRAVEL**, with black fine sand, trace clay, moist					*ND		
	7.0	**FILL - FINE SAND**, trace gravel, black, moist grades to also include trace clay at 5' grades to wet at 5.5'	5	▽		46	*ND	1	5-B18 (1-5)
	9.0	**SILTY CLAY (CL-ML)**, trace sand, brown gray, moist				50	*ND *ND	2	
	12.0	**SANDY SILT (ML)**, trace clay, gray, moist-dry	10			24	*ND	3	5-B18 (5-12)
		Boring Terminated at 12 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ 5.5' during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-22-2025

Boring Completed
05-22-2025

Bend Boulevard Extension Preliminary Site Investigation
Between 3rd Street and 7th Street | East Moline, Illinois
Terracon Project No. 11247243B

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B19

Graphic Log	Location See Figure 6 Depth — Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
	FILL - CONCRETE, with base stone 0.8							
	FILL - GRAVEL AND SILTY CLAY, trace sand, brown gray, moist 2.0					*ND		
	FILL - SILTY CLAY, trace sand and gravel, brown gray, moist 4.0				50	*ND	1	5-B19 (1-5)
	FILL - FINE SAND, trace gravel, brown, moist 5.0		▽					
	FILL - SILTY CLAY, trace roots, trace sand, black, wet-moist 7.0	5				*ND		
	SILTY CLAY (CL-ML), trace sand, olive gray, moist 10.0				60	*ND	2	5-B19 (5-12)
	SANDY SILTY CLAY (CL-ML), gray, moist 12.0	10			20	*ND	3	
	Boring Terminated at 12 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ 5' during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-22-2025

Boring Completed
05-22-2025

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B20

Graphic Log	Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
		Location See Figure 7							
	0.8	**FILL - CONCRETE**, with base stone							
	4.0	**FILL - SILTY CLAY**, with sand, trace gravel, brown, moist				48	*ND *ND	1	5-B20 (1-5)
	5.0	**FILL - COARSE SAND**, brown, moist grades to wet at 4.5'	5	▽					
	8.0	**FILL - SILTY CLAY**, trace sand, black, moist				60	*ND *ND	2	
	9.0	**SILTY CLAY (CL-ML)**, trace sand, olive gray, moist							
	10.0	**COARSE SAND (SP)**, trace gravel, brown, wet					*ND		5-B20 (5-12)
	12.0	**SANDY SILT (ML)**, trace clay, gray, moist	10			24	*ND	3	
		Boring Terminated at 12 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ 4.5' during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Duplicate Sample collected from 1-5' interval [5-B20 (1-5) D].

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-22-2025

Boring Completed
05-22-2025

Bend Boulevard Extension Preliminary Site Investigation
Between 3rd Street and 7th Street | East Moline, Illinois
Terracon Project No. 11247243B

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B21

Graphic Log	Location See Figure 7 Depth — Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
	FILL - GRAVEL, trace sand and clay, moist					*ND		
	2.0							
	FILL - SILTY CLAY, with gravel, trace sand, brown/black, moist				48		1	
						*ND		5-B21 (1-5)
	grades to trace gravel, brown at 4'							
	5.0	5						
	FILL - SANDY SILTY CLAY, trace gravel, black, moist					*ND		
						*ND		
					32		2	
	9.0					*ND		5-B21 (5-12)
	SANDY SILTY CLAY (CL-ML), trace gravel, olive gray, moist	10						
	11.0		▽		24	*ND	3	
	CLAYEY SAND (SC), gray, wet							
	12.0							
	Boring Terminated at 12 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ 11' during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-22-2025

Boring Completed
05-22-2025

Bend Boulevard Extension Preliminary Site Investigation
Between 3rd Street and 7th Street | East Moline, Illinois
Terracon Project No. 11247243B

Terracon
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Glendale Heights, IL

Well Log No. 5-B22

Location See Figure 7

Depth	Material Description	Installation Details	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
0.0	**FILL - SILTY CLAY**, with gravel, trace sand, brown, moist	Riser					*ND		
2.0	**FILL - FINE SAND**, with gravel and clay, black, moist					40	*ND	1	5-B22 (1-5)
4.0	**FILL - SILTY CLAY**, trace sand, brown, moist		5				*ND		
	grades to trace root, black at 6'								
	grades to wet at 6.5'			▽					
		Screen					*ND		
						52		2	
9.0	**SANDY SILTY CLAY (CL-ML)**, olive gray, moist						*ND		5-B22 (5-12)
10.0	**CLAYEY SILT (ML)**, trace sand, gray, moist-dry		10						
						24	*ND	3	
12.0	***Boring Terminated at 12 Feet***								

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ 6.5' during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Well removed, boring backfilled with soil cuttings and bentonite chips upon completion.

Well Started
05-22-2025

Well Completed
05-22-2025

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B23

Location See Figure 7

Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
	FILL - GRAVEL, with clay, moist							
1.0	**FILL - SILTY CLAY**, with gravel, trace sand, brown, moist					*ND		
	grades to black at 3'				54	*ND	1	5-B23 (1-5)
	grades to with sand, trace gravel at 5'	5				*ND		
	grades to black/dark gray at 7'				40	*ND	2	
	grades to trace sand and roots, black at 9'					*ND		5-B23 (5-12)
10.0	**SILTY CLAY (CL-ML)**, trace sand, dark gray, moist	10						
11.0	**SAND AND GRAVEL (SP)**, brown, wet		▽		24	*ND	3	
11.5	**SILT (ML)**, trace clay and gravel, gray, moist-dry							
12.0	***Boring Terminated at 12 Feet***							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ 11' during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-23-2025

Boring Completed
05-23-2025

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B24

Graphic Log	Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
		Location See Figure 7							
		FILL - GRAVEL, trace clay, moist							
	1.0						*ND		
		FILL - SILTY CLAY, trace sand and gravel, brown gray, moist							
	2.0								
		FILL - SANDY SILTY CLAY, with gravel, black, petroleum-like odor, moist				54	5.1	1	5-B24 (1-5)
	4.0								
		FILL - SILTY CLAY, trace sand and gravel, brown gray, moist	5				*ND		
		grades to trace sand and roots, black at 7'				56	*ND	2	
	10.0		10				*ND		5-B24 (5-12)
		SILTY CLAY (CL-ML), with sand, gray, moist							
	11.0								
		SANDY SILTY CLAY (CL-ML), gray, moist		▽		24	*ND	3	
	11.5								
		SILTY CLAY (CL-ML), trace sand, gray, wet-moist							
	12.0								
		Boring Terminated at 12 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ 11.5' during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-23-2025

Boring Completed
05-23-2025

Bend Boulevard Extension Preliminary Site Investigation
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Glendale Heights, IL

Boring Log No. 5-B25

Graphic Log	Location See Figure 8 Depth — Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
	FILL - SILTY CLAY, with gravel, trace sand, brown, moist					*ND		
	grades to dark gray at 2'				58	*ND	1	5-B25 (1-5)
	grades to trace sand, gravel and roots, black at 6'	5				*ND		
	grades to no gravel at 8'				58	*ND	2	5-B25 (5-12)
	10.0 **SILTY CLAY (CL-ML)**, trace sand, olive gray, moist	10			24	*ND	3	
	12.0 ***Boring Terminated at 12 Feet***							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
None during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Duplicate Sample collected from 1-5' interval [5-B25 (1-5) D].

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-23-2025

Boring Completed
05-23-2025

Bend Boulevard Extension Preliminary Site Investigation
Between 3rd Street and 7th Street | East Moline, Illinois
Terracon Project No. 11247243B

192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B26

Graphic Log	Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
	Location	See Figure 8							
		FILL - SILTY CLAY, with gravel, brown gray, moist					*ND		
		grades to trace sand and gravel, red brown at 2'				60	*ND	1	5-B26 (1-5)
		grades to with sand, trace roots, brown at 4'							
		grades to trace wood and sand, dark brown/black at 5'	5				*ND		
		grades to trace sand and gravel, brown gray at 6'					*ND		
		grades to with sand, trace roots, black at 9'				52	*ND	2	5-B26 (5-12)
	10.0								
		SILTY CLAY (CL-ML), trace sand, olive gray, moist	10			24	*ND	3	
	12.0								
		Boring Terminated at 12 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
None during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-23-2025

Boring Completed
05-23-2025

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B27

Location See Figure 8

Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
	FILL - GRAVEL, with brown silty clay, trace sand, moist							
1.0	**FILL - SILTY CLAY**, with gravel, trace sand and brick, brown, moist					*ND		
					55		1	
	grades to with sand, no brick at 3'					*ND		5-B27 (1-5)
	grades to just trace sand, brown gray, wet at 5'	5	▽			*ND		
						*ND		
					42		2	
	grades to trace roots, black at 9'					*ND		5-B27 (5-12)
10.0	**SILTY CLAY (CL-ML)**, trace sand, olive gray, moist	10						
					20	*ND	3	
12.0	***Boring Terminated at 12 Feet***							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ 5' during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-23-2025

Boring Completed
05-23-2025

Bend Boulevard Extension Preliminary Site Investigation
Between 3rd Street and 7th Street | East Moline, Illinois
Terracon Project No. 11247243B

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B28

Graphic Log	Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
		Location See Figure 8							
		FILL - GRAVEL, with brown silty clay, moist							
	1.0						*ND		
		FILL - SILTY CLAY, with gravel, trace sand, brown, moist							
						52		1	
		grades to trace gravel at 3'					*ND		5-B28 (1-5)
		grades to brown gray at 5'	5				*ND		
							*ND		
						56		2	
		grades to trace roots, black at 8'							
							*ND		5-B28 (5-12)
	10.0		10						
		SILTY CLAY (CL-ML), trace sand, olive gray, moist							
						24	*ND	3	
	12.0								
		Boring Terminated at 12 Feet							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
None during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes

* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).

Environmental Technician III: D. Gift

Duplicate Sample collected from 1-5' interval [5-B28 (1-5) D].

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

Boring Started
05-23-2025

Boring Completed
05-23-2025

Terracon
192 Exchange Blvd
Glendale Heights, IL

Boring Log No. 5-B29

Location See Figure 8

Depth	Material Description	Depth (ft)	Water Level Observations	Sample Type	Recovery (In.)	OVA/PID (ppm)	SAMPLE	Sample Sent To Lab (ID Number)
	FILL - TOPSOIL AND GRAVEL, black, moist							
1.0	**FILL - SILTY CLAY**, trace sand and gravel, brown, moist					*ND		
					60	*ND	1	5-B29 (1-5)
		5				*ND		
					60	*ND	2	
	grades to trace sand and roots, black at 9'	10				*ND		5-B29 (5-12)
11.0	**SILTY CLAY (CL-ML)**, trace sand, olive gray, moist				24	*ND	3	
12.0	***Boring Terminated at 12 Feet***							

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
None during drilling

Drill Rig
7822DT

Driller
C.S. Drilling Inc.

Notes
* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).
Environmental Technician III: D. Gift

Advancement Method
Direct Push

Abandonment Method
Boring backfilled with soil cuttings and bentonite chips upon completion.

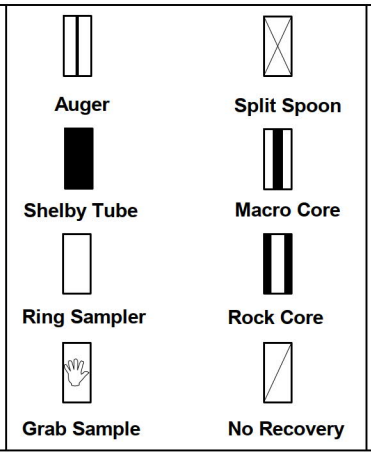
Boring Started
05-23-2025

Boring Completed
05-23-2025

GENERAL NOTES

DESCRIPTION OF SYMBOLS AND ABBREVIATIONS

SAMPLING



WATER LEVEL

Water Initially Encountered

Water Level After a Specified Period of Time

Water Level After a Specified Period of Time

Water levels indicated on the soil boring logs are the levels measured in the borehole at the times indicated. Groundwater level variations will occur over time. In low permeability soils, accurate determination of groundwater levels is not possible with short term water level observations.

FIELD TESTS

(HP)	Hand Penetrometer
(T)	Torvane
(b/f)	Standard Penetration Test (blows per foot)
(PID)	Photo-Ionization Detector
(OVA)	Organic Vapor Analyzer

DESCRIPTIVE SOIL CLASSIFICATION

Soil classification is based on the Unified Soil Classification System. Coarse Grained Soils have more than 50% of their dry weight retained on a #200 sieve; their principal descriptors are: boulders, cobbles, gravel or sand. Fine Grained Soils have less than 50% of their dry weight retained on a #200 sieve; they are principally described as clays if they are plastic, and silts if they are slightly plastic or non-plastic. Major constituents may be added as modifiers and minor constituents may be added according to the relative proportions based on grain size. In addition to gradation, coarse-grained soils are defined on the basis of their in-place relative density and fine-grained soils on the basis of their consistency.

LOCATION AND ELEVATION NOTES

Unless otherwise noted, Latitude and Longitude are approximately determined using a hand-held GPS device. The accuracy of such devices is variable. Surface elevation data annotated with +/- indicates that no actual topographical survey was conducted to confirm the surface elevation. Instead, the surface elevation was approximately determined from topographic maps of the area.

STRENGTH TERMS

RELATIVE DENSITY OF COARSE-GRAINED SOILS (More than 50% retained on No. 200 sieve.) Density determined by Standard Penetration Resistance Includes gravels, sands and silts.			CONSISTENCY OF FINE-GRAINED SOILS (50% or more passing the No. 200 sieve.) Consistency determined by laboratory shear strength testing, field visual-manual procedures or standard penetration resistance			
Descriptive Term (Density)	**Standard Penetration or N-Value Blows/Ft.**	**Ring Sampler Blows/Ft.**	**Descriptive Term (Consistency)**	**Unconfined Compressive Strength, Qu, psf**	**Standard Penetration or N-Value Blows/Ft.**	**Ring Sampler Blows/Ft.**
Very Loose	0 - 3	0 - 6	Very Soft	less than 500	0 - 1	< 3
Loose	4 - 9	7 - 18	Soft	500 to 1,000	2 - 4	3 - 4
Medium Dense	10 - 29	19 - 58	Medium-Stiff	1,000 to 2,000	4 - 8	5 - 9
Dense	30 - 50	59 - 98	Stiff	2,000 to 4,000	8 - 15	10 - 18
Very Dense	> 50	≥ 99	Very Stiff	4,000 to 8,000	15 - 30	19 - 42
			Hard	> 8,000	> 30	> 42

RELATIVE PROPORTIONS OF SAND AND GRAVEL

Descriptive Term(s) of other constituents	Percent of Dry Weight
Trace	< 15
With	15 - 29
Modifier	> 30

GRAIN SIZE TERMINOLOGY

Major Component of Sample	Particle Size
Boulders	Over 12 in. (300 mm)
Cobbles	12 in. to 3 in. (300mm to 75mm)
Gravel	3 in. to #4 sieve (75mm to 4.75 mm)
Sand	#4 to #200 sieve (4.75mm to 0.075mm
Silt or Clay	Passing #200 sieve (0.075mm)

RELATIVE PROPORTIONS OF FINES

Descriptive Term(s) of other constituents	Percent of Dry Weight
Trace	< 5
With	5 - 12
Modifier	> 12

PLASTICITY DESCRIPTION

Term	Plasticity Index
Non-plastic	0
Low	1 - 10
Medium	11 - 30
High	> 30

UNIFIED SOIL CLASSIFICATION SYSTEM

Criteria for Assigning Group Symbols and Group Names Using Laboratory Tests[A]					Soil Classification	
					Group Symbol	Group Name[B]
Coarse Grained Soils More than 50% retained on No. 200 sieve	Gravels More than 50% of coarse fraction retained on No. 4 sieve	Clean Gravels Less than 5% fines[C]	$Cu \geq 4$ and $1 \leq Cc \leq 3$[E]		GW	Well-graded gravel[F]
			$Cu < 4$ and/or $1 > Cc > 3$[E]		GP	Poorly graded gravel[F]
		Gravels with Fines More than 12% fines[C]	Fines classify as ML or MH		GM	Silty gravel[F,G,H]
			Fines classify as CL or CH		GC	Clayey gravel[F,G,H]
	Sands 50% or more of coarse fraction passes No. 4 sieve	Clean Sands Less than 5% fines[D]	$Cu \geq 6$ and $1 \leq Cc \leq 3$[E]		SW	Well-graded sand[I]
			$Cu < 6$ and/or $1 > Cc > 3$[E]		SP	Poorly graded sand[I]
		Sands with Fines More than 12% fines[D]	Fines classify as ML or MH		SM	Silty sand[G,H,I]
			Fines Classify as CL or CH		SC	Clayey sand[G,H,I]
Fine-Grained Soils 50% or more passes the No. 200 sieve	Silts and Clays Liquid limit less than 50	inorganic	PI > 7 and plots on or above "A" line[J]		CL	Lean clay[K,L,M]
			PI < 4 or plots below "A" line[J]		ML	Silt[K,L,M]
		organic	Liquid limit - oven dried / Liquid limit - not dried	< 0.75	OL	Organic clay[K,L,M,N] / Organic silt[K,L,M,O]
	Silts and Clays Liquid limit 50 or more	inorganic	PI plots on or above "A" line		CH	Fat clay[K,L,M]
			PI plots below "A" line		MH	Elastic Silt[K,L,M]
		organic	Liquid limit - oven dried / Liquid limit - not dried	< 0.75	OH	Organic clay[K,L,M,P] / Organic silt[K,L,M,Q]
Highly organic soils	Primarily organic matter, dark in color, and organic odor				PT	Peat

[A] Based on the material passing the 3-in. (75-mm) sieve

[B] If field sample contained cobbles or boulders, or both, add "with cobbles or boulders, or both" to group name.

[C] Gravels with 5 to 12% fines require dual symbols: GW-GM well-graded gravel with silt, GW-GC well-graded gravel with clay, GP-GM poorly graded gravel with silt, GP-GC poorly graded gravel with clay.

[D] Sands with 5 to 12% fines require dual symbols: SW-SM well-graded sand with silt, SW-SC well-graded sand with clay, SP-SM poorly graded sand with silt, SP-SC poorly graded sand with clay

[E] $Cu = D_{60}/D_{10}$ $\quad Cc = \dfrac{(D_{30})^2}{D_{10} \times D_{60}}$

[F] If soil contains ≥ 15% sand, add "with sand" to group name.

[G] If fines classify as CL-ML, use dual symbol GC-GM, or SC-SM.

[H] If fines are organic, add "with organic fines" to group name.

[I] If soil contains ≥ 15% gravel, add "with gravel" to group name.

[J] If Atterberg limits plot in shaded area, soil is a CL-ML, silty clay.

[K] If soil contains 15 to 29% plus No. 200, add "with sand" or "with gravel," whichever is predominant.

[L] If soil contains ≥ 30% plus No. 200 predominantly sand, add "sandy" to group name.

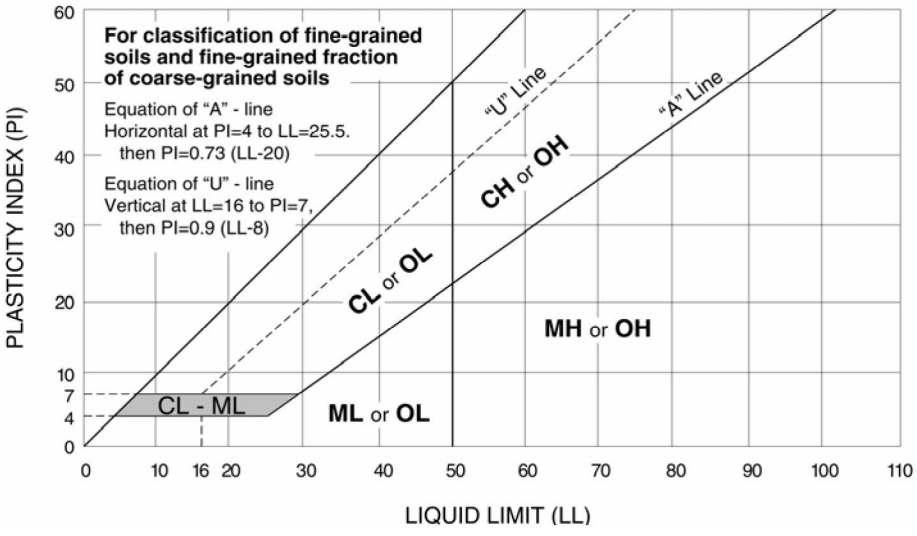
[M] If soil contains ≥ 30% plus No. 200, predominantly gravel, add "gravelly" to group name.

[N] PI ≥ 4 and plots on or above "A" line.

[O] PI < 4 or plots below "A" line.

[P] PI plots on or above "A" line.

[Q] PI plots below "A" line.



APPENDIX B

LPC-663 Forms

[Not Provided]

APPENDIX C

Analytical Data Tables

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B01 (1-5)	5-B01 (5-7)	5-B02 (1-3)	5-B03 (1-5)	5-B03 (5-12)	5-B04 (1-5)	5-B04 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-7	1-3	1-5	5-12	1-5	5-12
												Date Collected	2025-05-20	2025-05-20	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
												pH	7.0	7.8	10.5	6.8	6.7	7.9	7.6
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	1.9
												Classification	(a)(5)	(a)(1)	(a)(1)	(a)(1)	(a)(5)	(a)(2)	(a)(5)
Volatile Organic Analytical Parameters																			
Benzene	mg/kg	12	0.8	2,300	2.2	0.03	*	---	---	---	0.03		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Toluene	mg/kg	16,000	650	410,000	42	12	*	---	---	---	12		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Ethylbenzene	mg/kg	7,800	400	20,000	58	13	*	---	---	---	13		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Xylenes (total)	mg/kg	16,000	320	41,000	5.6	150	*	---	---	---	5.6		<0.0036	<0.0030	<0.0031	<0.0038	<0.0029	<0.0030	<0.0029
Methyl Tertiary-Butyl Ether	mg/kg	780	8,800	2,000	140	0.32	*	---	---	---	0.32		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Acetone	mg/kg	70,000	100,000	---	100,000	25	*	---	---	---	25		<0.018	0.017	<0.016	0.020	<0.015	0.077	0.010
Bromodichloromethane	mg/kg	10	3,000	2,000	3,000	0.6	*	---	---	---	0.6		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Bromoform	mg/kg	81	53	16,000	140	0.8	*	---	---	---	0.8		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Bromomethane	mg/kg	110	10	1,000	3.9	0.2	*	---	---	---	0.2		<0.0045	<0.0038	<0.0039	<0.0048	<0.0037	<0.0037	<0.0036
2-Butanone	mg/kg	---	---	---	---	---	*	---	---	---	17		<0.0045	<0.0038	<0.0039	<0.0048	<0.0037	<0.0037	<0.0036
Carbon Disulfide	mg/kg	7,800	720	20,000	9.0	32	*	---	---	---	9.0		<0.0045	<0.0038	0.00090	<0.0048	<0.0037	<0.0037	<0.0036
Carbon Tetrachloride	mg/kg	5.0	0.3	410	0.9	0.07	*	---	---	---	0.07		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Chlorobenzene	mg/kg	1,600	130	4,100	1.3	1.0	*	---	---	---	1.0		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Chloroethane	mg/kg	---	---	---	---	---	*	---	---	---	15		<0.0045	<0.0038	<0.0039	<0.0048	<0.0037	<0.0037	<0.0036
Chloroform	mg/kg	100	0.3	2,000	0.76	0.6	*	---	---	---	0.3		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Chloromethane	mg/kg	---	---	---	---	---	*	---	---	---	0.14		<0.0045	<0.0038	<0.0039	<0.0048	<0.0037	<0.0037	<0.0036
cis-1,2-Dichloroethene	mg/kg	780	1,200	20,000	1,200	0.4	*	---	---	---	0.4		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Dibromochloromethane	mg/kg	1,600	1,300	41,000	1,300	0.4	*	---	---	---	0.4		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
1,1-Dichloroethane	mg/kg	7,800	1,300	200,000	130	23	*	---	---	---	23		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
1,2-Dichloroethane	mg/kg	7.0	0.4	1,400	0.99	0.02	*	---	---	---	0.02		<0.0045	<0.0038	<0.0039	<0.0048	<0.0037	<0.0037	<0.0036
1,1-Dichloroethene	mg/kg	3,900	290	10,000	3.0	0.06	*	---	---	---	0.06		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
1,2-Dichloropropane	mg/kg	9.0	15	1,800	0.5	0.03	*	---	---	---	0.03		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
1,3-Dichloropropene (cis+trans)	mg/kg	6.4	1.1	1,200	0.39	0.005	0.005	---	---	---	0.005		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
2-Hexanone	mg/kg	---	---	---	---	---	*	---	---	---	0.72		<0.0045	<0.0038	<0.0039	<0.0048	<0.0037	<0.0037	<0.0036
4-Methyl-2-pentanone	mg/kg	---	---	---	---	---	*	---	---	---	2.5		<0.0045	<0.0038	<0.0039	<0.0048	<0.0037	<0.0037	<0.0036
Methylene Chloride	mg/kg	85	13	12,000	34	0.02	*	---	---	---	0.02		<0.0045	<0.0038	<0.0039	<0.0048	<0.0037	<0.0037	<0.0036
Styrene	mg/kg	16,000	1,500	41,000	430	4.0	*	---	---	---	4.0		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
1,1,2,2-Tetrachloroethane	mg/kg	---	---	---	---	---	*	---	---	---	3.3		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Tetrachloroethene	mg/kg	12	11	2,400	28	0.06	*	---	---	---	0.06		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
trans-1,2-Dichloroethene	mg/kg	1,600	3,100	41,000	3,100	0.7	*	---	---	---	0.7		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Trichloroethene	mg/kg	58	5.0	1,200	12	0.06	*	---	---	---	0.06		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
1,1,1-Trichloroethane	mg/kg	---	1,200	---	1,200	2.0	*	---	---	---	2.0		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
1,1,2-Trichloroethane	mg/kg	310	1,800	8,200	1,800	0.02	*	---	---	---	0.02		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Vinyl Chloride	mg/kg	0.46	0.28	170	1.1	0.01	*	---	---	---	0.01		<0.0018	<0.0015	<0.0016	<0.0019	<0.0015	<0.0015	<0.0014
Semivolatile Organic Analytical Parameters																			
Acenaphthene	mg/kg	4,700	---	120,000	---	570	*	0.94	0.13	0.04	570		0.35	0.032	0.010	<0.041	<0.036	<0.036	<0.041
Acenaphthylene	mg/kg	---	---	---	---	---	*	0.25	0.07	0.04	85		0.036	0.0066	<0.037	<0.041	<0.036	<0.036	<0.041
Anthracene	mg/kg	23,000	---	610,000	---	12,000	*	2.6	0.40	0.14	12,000		1.3	0.11	0.027	<0.041	<0.036	<0.036	<0.041
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	*	11	1.8	0.72	0.9		4.2	0.41	0.060	<0.041	<0.036	<0.036	<0.041
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	*	11	2.1	0.98	0.09		4.0	0.34	0.052	<0.041	<0.036	<0.036	<0.041
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	*	13	2.1	0.70	0.9		5.6	0.47	0.074	<0.041	<0.036	<0.036	<0.041
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	*	4.4	1.7	0.84	2,300		2.6	0.20	0.035	<0.041	0.12	<0.036	<0.041
Benzo(k)fluoranthene	mg/kg	9.0	---	1700	---	49	*	8.1	1.7	0.63	9.0		2.0	0.20	0.029	<0.041	<0.036	<0.036	<0.041
Chrysene	mg/kg	88	---	17000	---	160	*	11	2.7	1.1	88		4.4	0.43	0.070	<0.041	<0.036	<0.036	<0.041
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	*	1.0	0.42	0.15	0.09		0.83	0.060	<0.037	<0.041	<0.036	<0.036	<0.041
Fluoranthene	mg/kg	3,100	---	82,000	---	4,300	*	28	4.1	1.8	3,100		9.0	0.98	0.19	<0.041	0.022	<0.036	<0.041

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B01 (1-5)	5-B01 (5-7)	5-B02 (1-3)	5-B03 (1-5)	5-B03 (5-12)	5-B04 (1-5)	5-B04 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-7	1-3	1-5	5-12	1-5	5-12
												Date Collected	2025-05-20	2025-05-20	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
												pH	7.0	7.8	10.5	6.8	6.7	7.9	7.6
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	1.9
												Classification	(a)(5)	(a)(1)	(a)(1)	(a)(1)	(a)(5)	(a)(2)	(a)(5)
Fluorene	mg/kg	3,100	---	82,000	---	560	*	1.1	0.18	0.04	560		0.44	0.030	0.022	<0.041	0.012	<0.036	<0.041
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	*	5.8	1.6	0.51	0.9		2.7	0.21	<0.037	<0.041	<0.036	<0.036	<0.041
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	*	0.26	0.20	0.17	1.8		0.074	0.028	<0.037	<0.041	0.017	<0.036	<0.041
Phenanthrene	mg/kg	---	---	---	---	---	*	15	2.5	0.99	200		4.8	0.47	0.15	<0.041	0.047	<0.036	<0.041
Pyrene	mg/kg	2,300	---	61,000	---	4,200	*	18	3.0	1.2	2,300		6.9	0.89	0.16	<0.041	0.035	<0.036	<0.041
Bis(2-Chloroethoxy)methane	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
Bis(2-Chloroethyl)ether	mg/kg	0.66	0.66	75	0.66	0.66	0.66	---	---	---	0.66		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
Bis(2-Ethylhexyl)phthalate	mg/kg	46	31,000	4,100	31,000	3,600	*	---	---	---	46		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
4-Bromophenyl-phenyl ether	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
Butyl benzyl phthalate	mg/kg	16,000	930	410,000	930	930	*	---	---	---	930		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	---	0.6		0.65	0.055	<0.19	<0.21	<0.18	<0.18	<0.21
4-Chloroaniline	mg/kg	310	---	820	---	0.7	*	---	---	---	0.7		<1.5	<0.77	<0.75	<0.83	<0.74	<0.73	<0.83
2-Chloronaphthalene	mg/kg	---	---	---	---	---	*	---	---	---	49		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
4-Chloro-3-methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	24		<0.75	<0.38	<0.37	<0.41	<0.36	<0.36	<0.41
2-Chlorophenol	mg/kg	390	53,000	10,000	53,000	4.0	*	---	---	---	1.5		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
4-Chlorophenyl-phenyl ether	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
Dibenzofuran	mg/kg	---	---	---	---	---	*	---	---	---	6.1		0.26	0.033	<0.19	<0.21	0.013	<0.18	<0.21
1,2-Dichlorobenzene	mg/kg	7,000	560	18,000	310	17	*	---	---	---	17		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
1,3-Dichlorobenzene	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
1,4-Dichlorobenzene	mg/kg	---	11,000	---	340	2.0	*	---	---	---	2.0		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
3,3'-Dichlorobenzidine	mg/kg	1.3	---	280	---	1.3	1.3	---	---	---	1.3		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
2,4-Dichlorophenol	mg/kg	230	---	610	---	1.0	*	---	---	---	0.48		<0.75	<0.38	<0.37	<0.41	<0.36	<0.36	<0.41
Diethyl phthalate	mg/kg	63,000	2,000	1,000,000	2,000	470	*	---	---	---	470		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
Dimethyl phthalate	mg/kg	---	---	---	---	---	*	---	---	---	380		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
Di-n-butylphthalate	mg/kg	7,800	2,300	200,000	2,300	2,300	*	---	---	---	2,300		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
2,4-Dimethylphenol	mg/kg	1,600	---	41,000	---	9.0	*	---	---	---	9.0		<0.75	<0.38	<0.37	<0.41	<0.36	<0.36	<0.41
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	7.80		<1.5	<0.77	<0.75	<0.83	<0.74	<0.73	<0.83
2,4-Dinitrophenol	mg/kg	160	---	410	---	3.3	3.3	---	---	---	3.30		<1.5	<0.77	<0.75	<0.83	<0.74	<0.73	<0.83
2,4-Dinitrotoluene	mg/kg	0.9	---	180	---	0.25	0.25	---	---	---	0.25		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
2,6-Dinitrotoluene	mg/kg	0.9	---	180	---	0.26	0.26	---	---	---	0.26		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
Di-n-octylphthalate	mg/kg	1,600	10,000	4,100	10,000	10,000	*	---	---	---	1,600		<0.75	<0.38	<0.37	<0.41	<0.36	<0.36	<0.41
Hexachlorobenzene	mg/kg	0.4	1.0	78	2.6	2.0	*	---	---	---	0.4		<0.15	<0.077	<0.075	<0.083	<0.074	<0.073	<0.083
Hexachlorobutadiene	mg/kg	---	---	---	---	---	*	---	---	---	2.9		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
Hexachlorocyclopentadiene	mg/kg	550	10	14,000	1.1	400	*	---	---	---	1.1		<1.5	<0.77	<0.75	<0.83	<0.74	<0.73	<0.83
Hexachloroethane	mg/kg	78	---	2,000	---	0.5	*	---	---	---	0.5		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
Isophorone	mg/kg	15,600	4,600	410,000	4,600	8.0	*	---	---	---	8.0		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
2-Methylnaphthalene	mg/kg	---	---	---	---	---	*	---	0.14	0.29	7.2		0.091	0.058	<0.075	<0.083	0.058	<0.073	<0.083
2-Methylphenol	mg/kg	3900	---	100,000	---	15	*	---	---	---	15		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
4-Methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
2-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.14		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
3-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.01		<0.75	<0.38	<0.37	<0.41	<0.36	<0.36	<0.41
4-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.1		0.071	<0.38	<0.37	<0.41	<0.36	<0.36	<0.41
Nitrobenzene	mg/kg	39	92	1,000	9.4	0.26	0.26	---	---	---	0.26		<0.075	<0.038	<0.037	<0.041	<0.036	<0.036	<0.041
2-Nitrophenol	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.75	<0.38	<0.37	<0.41	<0.36	<0.36	<0.41
4-Nitrophenol	mg/kg	---	---	---	---	---	*	---	---	---	630		<1.5	<0.77	<0.75	<0.83	<0.74	<0.73	<0.83
N-Nitroso-di-n-propylamine	mg/kg	0.09	---	18	---	0.0018	0.0018	---	---	---	0.00018		<0.15	<0.077	<0.075	<0.083	<0.074	<0.073	<0.083
N-Nitrosodiphenylamine	mg/kg	130	---	4,100	1.8	1.0	*	---	---	---	1.0		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
2,2'-oxybis (1-chloropropane)	mg/kg	---	---	---	---	---	*	---	---	---	2.4		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
Pentachlorophenol	mg/kg	3.0	---	520	---	0.03	*	---	---	---	0.02		<1.5	<0.77	<0.75	<0.83	<0.74	<0.73	<0.83

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B01 (1-5)	5-B01 (5-7)	5-B02 (1-3)	5-B03 (1-5)	5-B03 (5-12)	5-B04 (1-5)	5-B04 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-7	1-3	1-5	5-12	1-5	5-12
												Date Collected	2025-05-20	2025-05-20	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
												pH	7.0	7.8	10.5	6.8	6.7	7.9	7.6
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	1.9
												Classification	(a)(5)	(a)(1)	(a)(1)	(a)(1)	(a)(5)	(a)(2)	(a)(5)
Phenol	mg/kg	23,000	---	61,000	---	100	*	---	---	---	100		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
1,2,4-Trichlorobenzene	mg/kg	780	3,200	2,000	920	5.0	*	---	---	---	5.0		<0.38	<0.19	<0.19	<0.21	<0.18	<0.18	<0.21
2,4,5-Trichlorophenol	mg/kg	7,800	---	200,000	---	270	*	---	---	---	26		<0.75	<0.38	<0.37	<0.41	<0.36	<0.36	<0.41
2,4,6-Trichlorophenol	mg/kg	58	200	11,000	540	0.66	0.66	---	---	---	0.66		<0.75	<0.38	<0.37	<0.41	<0.36	<0.36	<0.41
Pesticide Organic Analytical Parameters																			
Aldrin	mg/kg	0.94	3.0	6.1	9.3	0.94	0.94	---	---	---	0.94		<9.7	--	<190	<210	--	<190	--
alpha-BHC	mg/kg	0.1	0.8	20	2.1	0.0074	0.0074	---	---	---	0.0074		<9.7	--	<190	<210	--	<190	--
alpha-Chlordane	mg/kg	---	---	---	---	---	*	---	---	---	1.8		<9.7	--	<190	<210	--	<190	--
beta-BHC	mg/kg	---	---	---	---	---	*	---	---	---	---		<9.7	--	<190	<210	--	<190	--
delta-BHC	mg/kg	---	---	---	---	---	*	---	---	---	---		<9.7	--	<190	<210	--	<190	--
Dieldrin	mg/kg	0.603	1.0	7.8	3.1	0.603	0.603	---	---	---	0.603		<9.7	--	<190	<210	--	<190	--
4,4'-DDD	mg/kg	3	---	520	---	16	*	---	---	---	3.0		<9.7	--	<190	<210	--	<190	--
4,4'-DDE	mg/kg	2	---	370	---	54	*	---	---	---	2.0		<9.7	--	<190	<210	--	<190	--
4,4'-DDT	mg/kg	2	---	100	2,100	32	*	---	---	---	2.0		<9.7	--	<190	<210	--	<190	--
Endosulfan I	mg/kg	---	---	---	---	---	---	---	---	---	18		<9.7	--	<190	<210	--	<190	--
Endosulfan II	mg/kg	---	---	---	---	---	---	---	---	---	18		<9.7	--	<190	<210	--	<190	--
Endosulfan sulfate	mg/kg	---	---	---	---	---	---	---	---	---	18		<9.7	--	<190	<210	--	<190	--
Endrin	mg/kg	23	---	61	---	1.0	*	---	---	---	1.0		<9.7	--	<190	<210	--	<190	--
Endrin aldehyde	mg/kg	---	---	---	---	---	*	---	---	---	1.0		<9.7	--	<190	<210	--	<190	--
Endrin ketone	mg/kg	---	---	---	---	---	*	---	---	---	1.0		<9.7	--	<190	<210	--	<190	--
gamma-BHC	mg/kg	0.5	---	96	---	0.009	*	---	---	---	0.009		<9.7	--	<190	<210	--	<190	--
Heptachlor	mg/kg	0.871	0.871	28	16	23	0.871	---	---	---	0.871		<9.7	--	<190	<210	--	<190	--
Heptachlor epoxide	mg/kg	1.005	5.0	2.7	13	1.005	1.005	---	---	---	1.005		<9.7	--	<190	<210	--	<190	--
Methoxychlor	mg/kg	390	---	1,000	---	160	*	---	---	---	160		<47	--	<920	<1000	--	<930	--
Toxaphene	mg/kg	0.6	89	110	240	31	*	---	---	---	0.6		<95	--	<1900	<2100	--	<1900	--
Aroclor Organic Analytical Parameters																			
Aroclor - 1016	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.019	<0.021	--	<0.019	--
Aroclor - 1221	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.019	<0.021	--	<0.019	--
Aroclor - 1232	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.019	<0.021	--	<0.019	--
Aroclor - 1242	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.019	<0.021	--	<0.019	--
Aroclor - 1248	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.019	<0.021	--	<0.019	--
Aroclor - 1254	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.019	<0.021	--	<0.019	--
Aroclor - 1260	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.019	<0.021	--	<0.019	--
Inorganic Analytical Parameters																			
Arsenic	mg/kg	11.3	750	61	25,000	---	*	13.0	13.0	11.3	11.3		7.8	5.1	2.2	5.3	24	3.0	6.5
Barium	mg/kg	5,500	690,000	14,000	870,000	---	*	110	110	122	1,500		97	51	37	140	19	75	200
Cadmium	mg/kg	78	1,800	200	59,000	---	*	0.6	0.6	0.5	5.2		0.77	0.68	0.17	0.26	<0.21	0.073	0.73
Chromium	mg/kg	230	270	4,100	690	---	*	16.2	16.2	13	21		18	15	10	23	19	22	25
Lead	mg/kg	400	---	700	---	---	*	36	36	20.9	107		71	31	27	18	10	6.7	11
Mercury	mg/kg	23	10	61	0.1	---	*	0.06	0.06	0.05	0.89		0.10	0.11	0.024	0.13	0.031	0.030	0.041
Selenium	mg/kg	390	---	1,000	---	---	*	0.48	0.48	0.37	1.3		<1.1	<1.2	<1.1	<1.3	0.68	<1.1	<1.1
Silver	mg/kg	390	---	1,000	---	---	*	0.55	0.55	0.5	4.4		3.8	2.2	2.2	3.4	3.7	2.4	3.6
Antimony	mg/kg	31	---	82	---	---	*	4.0	4.0	3.3	5.0		<2.2	<2.4	<2.2	<2.5	<2.1	<2.2	<2.2
Beryllium	mg/kg	160	1300	410	44,000	---	*	0.59	0.59	0.56	22		0.73	0.62	0.28	0.82	1.1	0.53	0.79
Cobalt	mg/kg	4,700	---	12,000	---	---	*	8.9	8.9	8.9	20		9.6	5.8	3.9	15	19	9.6	13
Copper	mg/kg	2,900	---	8,200	---	---	*	19.6	19.6	12	2,900		24	18	8.9	16	19	18	18

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B01 (1-5)	5-B01 (5-7)	5-B02 (1-3)	5-B03 (1-5)	5-B03 (5-12)	5-B04 (1-5)	5-B04 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-7	1-3	1-5	5-12	1-5	5-12
												Date Collected	2025-05-20	2025-05-20	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		pH	7.0	7.8	10.5	6.8	6.7	7.9	7.6
												PID	*ND	*ND	*ND	*ND	*ND	*ND	1.9
												Classification	(a)(5)	(a)(1)	(a)(1)	(a)(1)	(a)(5)	(a)(2)	(a)(5)
Cyanide	mg/kg	1,600	---	4,100	---	---	*	0.51	0.51	0.5	40		<0.27	<0.27	<0.27	<0.28	<0.24	<0.25	<0.29
Iron	mg/kg	---	---	---	---	---	*	15,900	15,900	15,000	15,000		26000	14000	15000	23000	27000	17000	24000
Magnesium	mg/kg	325,000	---	730,000	---	---	*	4,820	4,820	2,700	---		3100	10000	2900	3400	2400	3000	3300
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	*	636	636	630	630		740	510	350	780	230	190	1100
Nickel	mg/kg	1,600	13,000	4,100	440,000	---	*	18	18	13	100		21	16	9.5	24	51	18	29
Thallium	mg/kg	6.3	---	160	---	---	*	0.32	0.32	0.42	2.6		<1.1	<1.2	<1.1	<1.3	0.77	<1.1	<1.1
Vanadium	mg/kg	550	---	1,400	---	---	*	25.2	25.2	25	550		27	28	16	44	30	45	43
Zinc	mg/kg	23,000	---	61,000	---	---	*	95.0	95.0	60.2	5,100		120	220	31	66	19	35	64
TCLP																			
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	<0.010	--	--
Chromium	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	0.0033	--	0.0017	0.0022
Lead	mg/L	---	---	---	---	0.0075	---	---	---	---	0.0075		--	--	--	--	--	--	--
Selenium	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Silver	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	---	0.006		--	--	--	--	--	--	--
Cobalt	mg/L	---	---	---	---	1.0	---	---	---	---	1.0		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	---	5.0		0.11	<0.20	6.1	0.15	0.25	14	0.26
Manganese	mg/L	---	---	---	---	0.15	---	---	---	---	0.15		7.5	7.6	6.3	33	1.0	2.8	16
Nickel	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	--	--	--	--
Thallium	mg/L	---	---	---	---	0.002	---	---	---	---	0.002		--	--	--	--	--	--	--
Inorganic Analytical Parameters (SPLP)																			
Antimony	mg/L	---	---	---	---	0.006	*	---	---	---	0.006		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	*	---	---	---	5.0		--	--	10	--	--	86	--
Lead	mg/L	---	---	---	---	0.0075	*	---	---	---	0.0075		--	--	--	--	--	--	--
Manganese	mg/L	---	---	---	---	0.15	*	---	---	---	0.15		0.082	0.028	0.25	1.2	0.0081	0.72	2.4
Mismatched CAS Numbers																			
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---		15	13	3.7	8.7	16	6.6	7.0

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B05 (1-5)	5-B05 (1-5)D	5-B05 (5-12)	5-B06 (1-5)	5-B06 (5-12)	5-B07 (1-5)	5-B07 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	1-5	5-12	1-5	5-12	1-5	5-12
												Date Collected	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
												pH	9.9	9.9	8.5	7.5	6.6	7.6	7.3
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(1)	(a)(1)	(a)(3)	(a)(2)	(a)(2)	(a)(1)	(a)(2)
Volatile Organic Analytical Parameters																			
Benzene	mg/kg	12	0.8	2,300	2.2	0.03	*	---	---	---	0.03		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
Toluene	mg/kg	16,000	650	410,000	42	12	*	---	---	---	12		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
Ethylbenzene	mg/kg	7,800	400	20,000	58	13	*	---	---	---	13		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
Xylenes (total)	mg/kg	16,000	320	41,000	5.6	150	*	---	---	---	5.6		<0.0033	<0.0028	<0.0024	<0.0031	<0.0035	<0.0028	<0.0030
Methyl Tertiary-Butyl Ether	mg/kg	780	8,800	2,000	140	0.32	*	---	---	---	0.32		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
Acetone	mg/kg	70,000	100,000	---	100,000	25	*	---	---	---	25		<0.016	<0.014	<0.012	0.028	0.030	<0.014	0.017
Bromodichloromethane	mg/kg	10	3,000	2,000	3,000	0.6	*	---	---	---	0.6		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
Bromoform	mg/kg	81	53	16,000	140	0.8	*	---	---	---	0.8		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
Bromomethane	mg/kg	110	10	1,000	3.9	0.2	*	---	---	---	0.2		<0.0041	<0.0036	<0.0030	<0.0039	<0.0044	<0.0035	<0.0038
2-Butanone	mg/kg	---	---	---	---	---	*	---	---	---	17		<0.0041	<0.0036	<0.0030	<0.0039	0.0044	<0.0035	0.0033
Carbon Disulfide	mg/kg	7,800	720	20,000	9.0	32	*	---	---	---	9.0		<0.0041	<0.0036	<0.0030	<0.0039	<0.0044	<0.0035	<0.0038
Carbon Tetrachloride	mg/kg	5.0	0.3	410	0.9	0.07	*	---	---	---	0.07		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
Chlorobenzene	mg/kg	1,600	130	4,100	1.3	1.0	*	---	---	---	1.0		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
Chloroethane	mg/kg	---	---	---	---	---	*	---	---	---	15		<0.0041	<0.0036	<0.0030	<0.0039	<0.0044	<0.0035	<0.0038
Chloroform	mg/kg	100	0.3	2,000	0.76	0.6	*	---	---	---	0.3		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
Chloromethane	mg/kg	---	---	---	---	---	*	---	---	---	0.14		<0.0041	<0.0036	<0.0030	<0.0039	<0.0044	<0.0035	<0.0038
cis-1,2-Dichloroethene	mg/kg	780	1,200	20,000	1,200	0.4	*	---	---	---	0.4		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
Dibromochloromethane	mg/kg	1,600	1,300	41,000	1,300	0.4	*	---	---	---	0.4		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
1,1-Dichloroethane	mg/kg	7,800	1,300	200,000	130	23	*	---	---	---	23		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	0.024	0.0029
1,2-Dichloroethane	mg/kg	7.0	0.4	1,400	0.99	0.02	*	---	---	---	0.02		<0.0041	<0.0036	<0.0030	<0.0039	<0.0044	<0.0035	<0.0038
1,1-Dichloroethene	mg/kg	3,900	290	10,000	3.0	0.06	*	---	---	---	0.06		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	0.0055	<0.0015
1,2-Dichloropropane	mg/kg	9.0	15	1,800	0.5	0.03	*	---	---	---	0.03		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
1,3-Dichloropropene (cis+trans)	mg/kg	6.4	1.1	1,200	0.39	0.005	0.005	---	---	---	0.005		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
2-Hexanone	mg/kg	---	---	---	---	---	*	---	---	---	0.72		<0.0041	<0.0036	<0.0030	<0.0039	<0.0044	<0.0035	<0.0038
4-Methyl-2-pentanone	mg/kg	---	---	---	---	---	*	---	---	---	2.5		<0.0041	<0.0036	<0.0030	<0.0039	<0.0044	<0.0035	<0.0038
Methylene Chloride	mg/kg	85	13	12,000	34	0.02	*	---	---	---	0.02		<0.0041	<0.0036	<0.0030	<0.0039	<0.0044	<0.0035	<0.0038
Styrene	mg/kg	16,000	1,500	41,000	430	4.0	*	---	---	---	4.0		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
1,1,2,2-Tetrachloroethane	mg/kg	---	---	---	---	---	*	---	---	---	3.3		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
Tetrachloroethene	mg/kg	12	11	2,400	28	0.06	*	---	---	---	0.06		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
trans-1,2-Dichloroethene	mg/kg	1,600	3,100	41,000	3,100	0.7	*	---	---	---	0.7		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
Trichloroethene	mg/kg	58	5.0	1,200	12	0.06	*	---	---	---	0.06		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
1,1,1-Trichloroethane	mg/kg	---	1,200	---	1,200	2.0	*	---	---	---	2.0		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	0.039	0.0065
1,1,2-Trichloroethane	mg/kg	310	1,800	8,200	1,800	0.02	*	---	---	---	0.02		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
Vinyl Chloride	mg/kg	0.46	0.28	170	1.1	0.01	*	---	---	---	0.01		<0.0016	<0.0014	<0.0012	<0.0016	<0.0018	<0.0014	<0.0015
Semivolatile Organic Analytical Parameters																			
Acenaphthene	mg/kg	4,700	---	120,000	---	570	*	0.94	0.13	0.04	570		<0.042	<0.041	0.036	<0.039	<0.039	<0.037	<0.040
Acenaphthylene	mg/kg	---	---	---	---	---	*	0.25	0.07	0.04	85		<0.042	<0.041	<0.072	<0.039	<0.039	<0.037	<0.040
Anthracene	mg/kg	23,000	---	610,000	---	12,000	*	2.6	0.40	0.14	12,000		<0.042	<0.041	<0.072	<0.039	<0.039	<0.037	<0.040
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	*	11	1.8	0.72	0.9		<0.042	<0.041	0.089	<0.039	<0.039	0.022	<0.040
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	*	11	2.1	0.98	0.09		<0.042	<0.041	0.13	<0.039	<0.039	<0.037	<0.040
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	*	13	2.1	0.70	0.9		<0.042	<0.041	0.16	<0.039	<0.039	0.038	<0.040
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	*	4.4	1.7	0.84	2,300		<0.042	<0.041	0.42	<0.039	<0.039	<0.037	<0.040
Benzo(k)fluoranthene	mg/kg	9.0	---	1700	---	49	*	8.1	1.7	0.63	9.0		<0.042	<0.041	0.039	<0.039	<0.039	<0.037	<0.040
Chrysene	mg/kg	88	---	17000	---	160	*	11	2.7	1.1	88		<0.042	<0.041	0.086	<0.039	<0.039	0.024	<0.040
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	*	1.0	0.42	0.15	0.09		<0.042	<0.041	<0.072	<0.039	<0.039	<0.037	<0.040
Fluoranthene	mg/kg	3,100	---	82,000	---	4,300	*	28	4.1	1.8	3,100		0.012	<0.041	0.11	<0.039	<0.039	0.033	0.013

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B05 (1-5)	5-B05 (1-5)D	5-B05 (5-12)	5-B06 (1-5)	5-B06 (5-12)	5-B07 (1-5)	5-B07 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	1-5	5-12	1-5	5-12	1-5	5-12
												Date Collected	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
												pH	9.9	9.9	8.5	7.5	6.6	7.6	7.3
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(1)	(a)(1)	(a)(3)	(a)(2)	(a)(2)	(a)(1)	(a)(2)
Fluorene	mg/kg	3,100	---	82,000	---	560	*	1.1	0.18	0.04	560		<0.042	<0.041	0.051	<0.039	<0.039	<0.037	<0.040
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	*	5.8	1.6	0.51	0.9		<0.042	<0.041	0.13	<0.039	<0.039	<0.037	<0.040
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	*	0.26	0.20	0.17	1.8		<0.042	<0.041	0.025	<0.039	<0.039	<0.037	<0.040
Phenanthrene	mg/kg	---	---	---	---	---	*	15	2.5	0.99	200		<0.042	<0.041	0.23	<0.039	<0.039	0.019	<0.040
Pyrene	mg/kg	2,300	---	61,000	---	4,200	*	18	3.0	1.2	2,300		<0.042	<0.041	0.22	<0.039	<0.039	0.027	<0.040
Bis(2-Chloroethoxy)methane	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
Bis(2-Chloroethyl)ether	mg/kg	0.66	0.66	75	0.66	0.66	0.66	---	---	---	0.66		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
Bis(2-Ethylhexyl)phthalate	mg/kg	46	31,000	4,100	31,000	3,600	*	---	---	---	46		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
4-Bromophenyl-phenyl ether	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
Butyl benzyl phthalate	mg/kg	16,000	930	410,000	930	930	*	---	---	---	930		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	---	0.6		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
4-Chloroaniline	mg/kg	310	---	820	---	0.7	*	---	---	---	0.7		<0.86	<0.84	<1.5	<0.79	<0.80	<0.75	<0.82
2-Chloronaphthalene	mg/kg	---	---	---	---	---	*	---	---	---	49		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
4-Chloro-3-methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	24		<0.42	<0.41	<0.72	<0.39	<0.39	<0.37	<0.40
2-Chlorophenol	mg/kg	390	53,000	10,000	53,000	4.0	*	---	---	---	1.5		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
4-Chlorophenyl-phenyl ether	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
Dibenzofuran	mg/kg	---	---	---	---	---	*	---	---	---	6.1		<0.21	<0.21	0.047	<0.20	<0.20	<0.19	<0.20
1,2-Dichlorobenzene	mg/kg	7,000	560	18,000	310	17	*	---	---	---	17		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
1,3-Dichlorobenzene	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
1,4-Dichlorobenzene	mg/kg	---	11,000	---	340	2.0	*	---	---	---	2.0		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
3,3'-Dichlorobenzidine	mg/kg	1.3	---	280	---	1.3	1.3	---	---	---	1.3		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
2,4-Dichlorophenol	mg/kg	230	---	610	---	1.0	*	---	---	---	0.48		<0.42	<0.41	<0.72	<0.39	<0.39	<0.37	<0.40
Diethyl phthalate	mg/kg	63,000	2,000	1,000,000	2,000	470	*	---	---	---	470		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
Dimethyl phthalate	mg/kg	---	---	---	---	---	*	---	---	---	380		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
Di-n-butylphthalate	mg/kg	7,800	2,300	200,000	2,300	2,300	*	---	---	---	2,300		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
2,4-Dimethylphenol	mg/kg	1,600	---	41,000	---	9.0	*	---	---	---	9.0		<0.42	<0.41	<0.72	<0.39	<0.39	<0.37	<0.40
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	7.80		<0.86	<0.84	<1.5	<0.79	<0.80	<0.75	<0.82
2,4-Dinitrophenol	mg/kg	160	---	410	---	3.3	3.3	---	---	---	3.30		<0.86	<0.84	<1.5	<0.79	<0.80	<0.75	<0.82
2,4-Dinitrotoluene	mg/kg	0.9	---	180	---	0.25	0.25	---	---	---	0.25		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
2,6-Dinitrotoluene	mg/kg	0.9	---	180	---	0.26	0.26	---	---	---	0.26		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
Di-n-octylphthalate	mg/kg	1,600	10,000	4,100	10,000	10,000	*	---	---	---	1,600		<0.42	<0.41	<0.72	<0.39	<0.39	<0.37	<0.40
Hexachlorobenzene	mg/kg	0.4	1.0	78	2.6	2.0	*	---	---	---	0.4		<0.086	<0.084	<0.15	<0.079	<0.080	<0.075	<0.082
Hexachlorobutadiene	mg/kg	---	---	---	---	---	*	---	---	---	2.9		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
Hexachlorocyclopentadiene	mg/kg	550	10	14,000	1.1	400	*	---	---	---	1.1		<0.86	<0.84	<1.5	<0.79	<0.80	<0.75	<0.82
Hexachloroethane	mg/kg	78	---	2,000	---	0.5	*	---	---	---	0.5		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
Isophorone	mg/kg	15,600	4,600	410,000	4,600	8.0	*	---	---	---	8.0		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
2-Methylnaphthalene	mg/kg	---	---	---	---	---	*	---	0.14	0.29	7.2		<0.086	<0.084	0.11	<0.079	<0.080	<0.075	<0.082
2-Methylphenol	mg/kg	3900	---	100,000	---	15	*	---	---	---	15		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
4-Methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
2-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.14		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
3-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.01		<0.42	<0.41	<0.72	<0.39	<0.39	<0.37	<0.40
4-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.1		<0.42	<0.41	<0.72	<0.39	<0.39	<0.37	<0.40
Nitrobenzene	mg/kg	39	92	1,000	9.4	0.26	0.26	---	---	---	0.26		<0.042	<0.041	<0.072	<0.039	<0.039	<0.037	<0.040
2-Nitrophenol	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.42	<0.41	<0.72	<0.39	<0.39	<0.37	<0.40
4-Nitrophenol	mg/kg	---	---	---	---	---	*	---	---	---	630		<0.86	<0.84	<1.5	<0.79	<0.80	<0.75	<0.82
N-Nitroso-di-n-propylamine	mg/kg	0.09	---	18	---	0.0018	0.0018	---	---	---	0.00018		<0.086	<0.084	<0.15	<0.079	<0.080	<0.075	<0.082
N-Nitrosodiphenylamine	mg/kg	130	---	4,100	1.8	1.0	*	---	---	---	1.0		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
2,2'-oxybis (1-chloropropane)	mg/kg	---	---	---	---	---	*	---	---	---	2.4		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
Pentachlorophenol	mg/kg	3.0	---	520	---	0.03	*	---	---	---	0.02		<0.86	<0.84	<1.5	<0.79	<0.80	<0.75	<0.82

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B05 (1-5)	5-B05 (1-5)D	5-B05 (5-12)	5-B06 (1-5)	5-B06 (5-12)	5-B07 (1-5)	5-B07 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	1-5	5-12	1-5	5-12	1-5	5-12
												Date Collected	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
												pH	9.9	9.9	8.5	7.5	6.6	7.6	7.3
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(1)	(a)(1)	(a)(3)	(a)(2)	(a)(2)	(a)(1)	(a)(2)
Phenol	mg/kg	23,000	---	61,000	---	100	*	---	---	---	100		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
1,2,4-Trichlorobenzene	mg/kg	780	3,200	2,000	920	5.0	*	---	---	---	5.0		<0.21	<0.21	<0.36	<0.20	<0.20	<0.19	<0.20
2,4,5-Trichlorophenol	mg/kg	7,800	---	200,000	---	270	*	---	---	---	26		<0.42	<0.41	<0.72	<0.39	<0.39	<0.37	<0.40
2,4,6-Trichlorophenol	mg/kg	58	200	11,000	540	0.66	0.66	---	---	---	0.66		<0.42	<0.41	<0.72	<0.39	<0.39	<0.37	<0.40
Pesticide Organic Analytical Parameters																			
Aldrin	mg/kg	0.94	3.0	6.1	9.3	0.94	0.94	---	---	---	0.94		<2.3	<2.1	--	<200	--	<200	--
alpha-BHC	mg/kg	0.1	0.8	20	2.1	0.0074	0.0074	---	---	---	0.0074		<2.3	<2.1	--	<200	--	<200	--
alpha-Chlordane	mg/kg	---	---	---	---	---	*	---	---	---	1.8		<2.3	<2.1	--	<200	--	<200	--
beta-BHC	mg/kg	---	---	---	---	---	*	---	---	---	---		<2.3	<2.1	--	<200	--	<200	--
delta-BHC	mg/kg	---	---	---	---	---	*	---	---	---	---		<2.3	<2.1	--	<200	--	<200	--
Dieldrin	mg/kg	0.603	1.0	7.8	3.1	0.603	0.603	---	---	---	0.603		<2.3	<2.1	--	<200	--	<200	--
4,4'-DDD	mg/kg	3	---	520	---	16	*	---	---	---	3.0		<2.3	<2.1	--	<200	--	<200	--
4,4'-DDE	mg/kg	2	---	370	---	54	*	---	---	---	2.0		<2.3	<2.1	--	<200	--	<200	--
4,4'-DDT	mg/kg	2	---	100	2,100	32	*	---	---	---	2.0		<2.3	<2.1	--	<200	--	<200	--
Endosulfan I	mg/kg	---	---	---	---	---	---	---	---	---	18		<2.3	<2.1	--	<200	--	<200	--
Endosulfan II	mg/kg	---	---	---	---	---	---	---	---	---	18		<2.3	<2.1	--	<200	--	<200	--
Endosulfan sulfate	mg/kg	---	---	---	---	---	---	---	---	---	18		<2.3	<2.1	--	<200	--	<200	--
Endrin	mg/kg	23	---	61	---	1.0	*	---	---	---	1.0		<2.3	<2.1	--	<200	--	<200	--
Endrin aldehyde	mg/kg	---	---	---	---	---	*	---	---	---	1.0		<2.3	<2.1	--	<200	--	<200	--
Endrin ketone	mg/kg	---	---	---	---	---	*	---	---	---	1.0		<2.3	<2.1	--	<200	--	<200	--
gamma-BHC	mg/kg	0.5	---	96	---	0.009	*	---	---	---	0.009		<2.3	<2.1	--	<200	--	<200	--
Heptachlor	mg/kg	0.871	0.871	28	16	23	0.871	---	---	---	0.871		<2.3	<2.1	--	<200	--	<200	--
Heptachlor epoxide	mg/kg	1.005	5.0	2.7	13	1.005	1.005	---	---	---	1.005		<2.3	<2.1	--	<200	--	<200	--
Methoxychlor	mg/kg	390	---	1,000	---	160	*	---	---	---	160		<11	<10	--	<990	--	<950	--
Toxaphene	mg/kg	0.6	89	110	240	31	*	---	---	---	0.6		<22	<21	--	<2000	--	<1900	--
Aroclor Organic Analytical Parameters																			
Aroclor - 1016	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.022	<0.021	--	<0.020	--	<0.019	--
Aroclor - 1221	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.022	<0.021	--	<0.020	--	<0.019	--
Aroclor - 1232	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.022	<0.021	--	<0.020	--	<0.019	--
Aroclor - 1242	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.022	<0.021	--	<0.020	--	<0.019	--
Aroclor - 1248	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.022	<0.021	--	<0.020	--	<0.019	--
Aroclor - 1254	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.022	<0.021	--	<0.020	--	<0.019	--
Aroclor - 1260	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.022	<0.021	--	<0.020	--	<0.019	--
Inorganic Analytical Parameters																			
Arsenic	mg/kg	11.3	750	61	25,000	---	*	13.0	13.0	11.3	11.3		4.1	7.1	5.6	4.2	9.0	4.0	8.0
Barium	mg/kg	5,500	690,000	14,000	870,000	---	*	110	110	122	1,500		80	120	26	120	250	120	51
Cadmium	mg/kg	78	1,800	200	59,000	---	*	0.6	0.6	0.5	5.2		0.059	0.24	<0.20	0.26	0.12	0.24	0.063
Chromium	mg/kg	230	270	4,100	690	---	*	16.2	16.2	13	21		20	26	12	13	21	16	17
Lead	mg/kg	400	---	700	---	---	*	36	36	20.9	107		12	11	7.2	9.9	16	12	4.3
Mercury	mg/kg	23	10	61	0.1	---	*	0.06	0.06	0.05	0.89		0.033	0.036	0.013	0.028	0.039	0.065	0.016
Selenium	mg/kg	390	---	1,000	---	---	*	0.48	0.48	0.37	1.3		<1.3	<1.3	<0.99	<1.2	<1.0	<1.0	<1.2
Silver	mg/kg	390	---	1,000	---	---	*	0.55	0.55	0.5	4.4		2.0	3.3	0.36	1.8	4.4	2.0	2.8
Antimony	mg/kg	31	---	82	---	---	*	4.0	4.0	3.3	5.0		<2.6	<2.6	<2.0	0.46	<2.1	<2.0	<2.5
Beryllium	mg/kg	160	1300	410	44,000	---	*	0.59	0.59	0.56	22		0.50	0.83	0.87	0.46	1.0	0.59	0.65
Cobalt	mg/kg	4,700	---	12,000	---	---	*	8.9	8.9	8.9	20		12	11	8.7	7.9	9.0	7.1	5.7
Copper	mg/kg	2,900	---	8,200	---	---	*	19.6	19.6	12	2,900		13	16	10	10	14	12	25

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B05 (1-5)	5-B05 (1-5)D	5-B05 (5-12)	5-B06 (1-5)	5-B06 (5-12)	5-B07 (1-5)	5-B07 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	1-5	5-12	1-5	5-12	1-5	5-12
												Date Collected	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
												pH	9.9	9.9	8.5	7.5	6.6	7.6	7.3
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(1)	(a)(1)	(a)(3)	(a)(2)	(a)(2)	(a)(1)	(a)(2)
Cyanide	mg/kg	1,600	---	4,100	---	---	*	0.51	0.51	0.5	40		<0.31	<0.29	<0.23	<0.29	<0.27	<0.26	<0.28
Iron	mg/kg	---	---	---	---	---	*	15,900	15,900	15,000	15,000		15000	23000	2800	11000	30000	13000	20000
Magnesium	mg/kg	325,000	---	730,000	---	---	*	4,820	4,820	2,700	---		2300	3200	1200	1600	2500	1800	1800
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	*	636	636	630	630		270	290	13	590	310	880	290
Nickel	mg/kg	1,600	13,000	4,100	440,000	---	*	18	18	13	100		13	23	23	15	37	15	19
Thallium	mg/kg	6.3	---	160	---	---	*	0.32	0.32	0.42	2.6		<1.3	<1.3	<0.99	1.5	<1.0	1.8	0.75
Vanadium	mg/kg	550	---	1,400	---	---	*	25.2	25.2	25	550		40	49	11	26	43	30	55
Zinc	mg/kg	23,000	---	61,000	---	---	*	95.0	95.0	60.2	5,100		45	56	30	51	75	43	27
TCLP																			
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Chromium	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	<0.010	--	--	0.0027	--	--
Lead	mg/L	---	---	---	---	0.0075	---	---	---	---	0.0075		--	--	--	--	--	--	--
Selenium	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Silver	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	<0.0050	--	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	---	0.006		--	--	--	--	--	--	--
Cobalt	mg/L	---	---	---	---	1.0	---	---	---	---	1.0		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	---	5.0		5.0	2.1	0.14	0.36	12	0.63	10
Manganese	mg/L	---	---	---	---	0.15	---	---	---	---	0.15		4.2	4.5	0.13	12	17	19	6.0
Nickel	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	--	--	--	--
Thallium	mg/L	---	---	---	---	0.002	---	---	---	---	0.002		--	--	--	--	--	--	--
Inorganic Analytical Parameters (SPLP)																			
Antimony	mg/L	---	---	---	---	0.006	*	---	---	---	0.006		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	*	---	---	---	5.0		150	--	--	--	13	--	35
Lead	mg/L	---	---	---	---	0.0075	*	---	---	---	0.0075		--	--	--	--	--	--	--
Manganese	mg/L	---	---	---	---	0.15	*	---	---	---	0.15		1.8	2.3	0.014	1.8	0.43	1.2	0.64
Mismatched CAS Numbers																			
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---		6.9	9.2	16	7.5	6.2	8.1	4.9

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B08 (1-5)	5-B08 (5-12)	5-B09 (1-5)	5-B09 (5-12)	5-B10 (1-5)	5-B10 (1-5)D	5-B10 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	5-12	1-5	1-5	5-12
												Date Collected	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
												pH	8.4	8.3	7.4	8.6	7.9	7.4	7.5
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	1.3	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(5)	(a)(2)	Unrestricted	Unrestricted	Unrestricted	Unrestricted	(a)(2)
Volatile Organic Analytical Parameters																			
Benzene	mg/kg	12	0.8	2,300	2.2	0.03	*	---	---	---	0.03		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Toluene	mg/kg	16,000	650	410,000	42	12	*	---	---	---	12		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Ethylbenzene	mg/kg	7,800	400	20,000	58	13	*	---	---	---	13		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Xylenes (total)	mg/kg	16,000	320	41,000	5.6	150	*	---	---	---	5.6		<0.0027	<0.0037	<0.0037	<0.0026	<0.0033	<0.0023	<0.0034
Methyl Tertiary-Butyl Ether	mg/kg	780	8,800	2,000	140	0.32	*	---	---	---	0.32		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Acetone	mg/kg	70,000	100,000	---	100,000	25	*	---	---	---	25		0.010	0.0077	<0.018	<0.013	<0.017	<0.011	<0.017
Bromodichloromethane	mg/kg	10	3,000	2,000	3,000	0.6	*	---	---	---	0.6		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Bromoform	mg/kg	81	53	16,000	140	0.8	*	---	---	---	0.8		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Bromomethane	mg/kg	110	10	1,000	3.9	0.2	*	---	---	---	0.2		<0.0034	<0.0046	<0.0046	<0.0033	<0.0041	<0.0029	<0.0042
2-Butanone	mg/kg	---	---	---	---	---	*	---	---	---	17		<0.0034	<0.0046	<0.0046	<0.0033	<0.0041	<0.0029	<0.0042
Carbon Disulfide	mg/kg	7,800	720	20,000	9.0	32	*	---	---	---	9.0		<0.0034	<0.0046	<0.0046	<0.0033	<0.0041	<0.0029	<0.0042
Carbon Tetrachloride	mg/kg	5.0	0.3	410	0.9	0.07	*	---	---	---	0.07		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Chlorobenzene	mg/kg	1,600	130	4,100	1.3	1.0	*	---	---	---	1.0		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Chloroethane	mg/kg	---	---	---	---	---	*	---	---	---	15		<0.0034	<0.0046	<0.0046	<0.0033	<0.0041	<0.0029	<0.0042
Chloroform	mg/kg	100	0.3	2,000	0.76	0.6	*	---	---	---	0.3		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Chloromethane	mg/kg	---	---	---	---	---	*	---	---	---	0.14		<0.0034	<0.0046	<0.0046	<0.0033	<0.0041	<0.0029	<0.0042
cis-1,2-Dichloroethene	mg/kg	780	1,200	20,000	1,200	0.4	*	---	---	---	0.4		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Dibromochloromethane	mg/kg	1,600	1,300	41,000	1,300	0.4	*	---	---	---	0.4		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
1,1-Dichloroethane	mg/kg	7,800	1,300	200,000	130	23	*	---	---	---	23		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	0.0042
1,2-Dichloroethane	mg/kg	7.0	0.4	1,400	0.99	0.02	*	---	---	---	0.02		<0.0034	<0.0046	<0.0046	<0.0033	<0.0041	<0.0029	<0.0042
1,1-Dichloroethene	mg/kg	3,900	290	10,000	3.0	0.06	*	---	---	---	0.06		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	0.0012
1,2-Dichloropropane	mg/kg	9.0	15	1,800	0.5	0.03	*	---	---	---	0.03		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
1,3-Dichloropropene (cis+trans)	mg/kg	6.4	1.1	1,200	0.39	0.005	0.005	---	---	---	0.005		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
2-Hexanone	mg/kg	---	---	---	---	---	*	---	---	---	0.72		<0.0034	<0.0046	<0.0046	<0.0033	<0.0041	<0.0029	<0.0042
4-Methyl-2-pentanone	mg/kg	---	---	---	---	---	*	---	---	---	2.5		<0.0034	<0.0046	<0.0046	<0.0033	<0.0041	<0.0029	<0.0042
Methylene Chloride	mg/kg	85	13	12,000	34	0.02	*	---	---	---	0.02		<0.0034	<0.0046	<0.0046	<0.0033	<0.0041	<0.0029	<0.0042
Styrene	mg/kg	16,000	1,500	41,000	430	4.0	*	---	---	---	4.0		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
1,1,2,2-Tetrachloroethane	mg/kg	---	---	---	---	---	*	---	---	---	3.3		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Tetrachloroethene	mg/kg	12	11	2,400	28	0.06	*	---	---	---	0.06		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
trans-1,2-Dichloroethene	mg/kg	1,600	3,100	41,000	3,100	0.7	*	---	---	---	0.7		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Trichloroethene	mg/kg	58	5.0	1,200	12	0.06	*	---	---	---	0.06		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
1,1,1-Trichloroethane	mg/kg	---	1,200	---	1,200	2.0	*	---	---	---	2.0		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
1,1,2-Trichloroethane	mg/kg	310	1,800	8,200	1,800	0.02	*	---	---	---	0.02		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Vinyl Chloride	mg/kg	0.46	0.28	170	1.1	0.01	*	---	---	---	0.01		<0.0013	<0.0018	<0.0018	<0.0013	<0.0017	<0.0011	<0.0017
Semivolatile Organic Analytical Parameters																			
Acenaphthene	mg/kg	4,700	---	120,000	---	570	*	0.94	0.13	0.04	570		<0.039	<0.037	<0.040	<0.036	<0.038	<0.038	<0.061
Acenaphthylene	mg/kg	---	---	---	---	---	*	0.25	0.07	0.04	85		<0.039	<0.037	<0.040	<0.036	<0.038	<0.038	<0.061
Anthracene	mg/kg	23,000	---	610,000	---	12,000	*	2.6	0.40	0.14	12,000		<0.039	<0.037	<0.040	<0.036	<0.038	<0.038	<0.061
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	*	11	1.8	0.72	0.9		0.025	<0.037	<0.040	0.029	<0.038	<0.038	<0.061
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	*	11	2.1	0.98	0.09		<0.039	<0.037	<0.040	0.043	<0.038	<0.038	<0.061
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	*	13	2.1	0.70	0.9		0.038	<0.037	<0.040	0.052	<0.038	<0.038	<0.061
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	*	4.4	1.7	0.84	2,300		0.021	<0.037	<0.040	0.17	<0.038	<0.038	<0.061
Benzo(k)fluoranthene	mg/kg	9.0	---	1700	---	49	*	8.1	1.7	0.63	9.0		<0.039	<0.037	<0.040	<0.036	<0.038	<0.038	<0.061
Chrysene	mg/kg	88	---	17000	---	160	*	11	2.7	1.1	88		0.028	<0.037	<0.040	0.029	<0.038	<0.038	<0.061
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	*	1.0	0.42	0.15	0.09		<0.039	<0.037	<0.040	<0.036	<0.038	<0.038	<0.061
Fluoranthene	mg/kg	3,100	---	82,000	---	4,300	*	28	4.1	1.8	3,100		0.034	<0.037	<0.040	0.027	<0.038	<0.038	<0.061

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B08 (1-5)	5-B08 (5-12)	5-B09 (1-5)	5-B09 (5-12)	5-B10 (1-5)	5-B10 (1-5)D	5-B10 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	5-12	1-5	1-5	5-12
												Date Collected	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
												pH	8.4	8.3	7.4	8.6	7.9	7.4	7.5
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	1.3	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(5)	(a)(2)	Unrestricted	Unrestricted	Unrestricted	Unrestricted	(a)(2)
Fluorene	mg/kg	3,100	---	82,000	---	560	*	1.1	0.18	0.04	560		<0.039	<0.037	<0.040	0.030	<0.038	<0.038	<0.061
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	*	5.8	1.6	0.51	0.9		<0.039	<0.037	<0.040	<0.036	<0.038	<0.038	<0.061
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	*	0.26	0.20	0.17	1.8		<0.039	<0.037	<0.040	0.019	<0.038	<0.038	<0.061
Phenanthrene	mg/kg	---	---	---	---	---	*	15	2.5	0.99	200		0.028	<0.037	<0.040	0.11	<0.038	<0.038	<0.061
Pyrene	mg/kg	2,300	---	61,000	---	4,200	*	18	3.0	1.2	2,300		0.030	<0.037	<0.040	0.059	<0.038	<0.038	<0.061
Bis(2-Chloroethoxy)methane	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
Bis(2-Chloroethyl)ether	mg/kg	0.66	0.66	75	0.66	0.66	0.66	---	---	---	0.66		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
Bis(2-Ethylhexyl)phthalate	mg/kg	46	31,000	4,100	31,000	3,600	*	---	---	---	46		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
4-Bromophenyl-phenyl ether	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
Butyl benzyl phthalate	mg/kg	16,000	930	410,000	930	930	*	---	---	---	930		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	---	0.6		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
4-Chloroaniline	mg/kg	310	---	820	---	0.7	*	---	---	---	0.7		<0.79	<0.74	<0.81	<0.73	<0.78	<0.77	<1.2
2-Chloronaphthalene	mg/kg	---	---	---	---	---	*	---	---	---	49		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
4-Chloro-3-methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	24		<0.39	<0.37	<0.40	<0.36	<0.38	<0.38	<0.61
2-Chlorophenol	mg/kg	390	53,000	10,000	53,000	4.0	*	---	---	---	1.5		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
4-Chlorophenyl-phenyl ether	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
Dibenzofuran	mg/kg	---	---	---	---	---	*	---	---	---	6.1		<0.20	<0.18	<0.20	0.029	<0.19	<0.19	<0.31
1,2-Dichlorobenzene	mg/kg	7,000	560	18,000	310	17	*	---	---	---	17		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
1,3-Dichlorobenzene	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
1,4-Dichlorobenzene	mg/kg	---	11,000	---	340	2.0	*	---	---	---	2.0		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
3,3'-Dichlorobenzidine	mg/kg	1.3	---	280	---	1.3	1.3	---	---	---	1.3		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
2,4-Dichlorophenol	mg/kg	230	---	610	---	1.0	*	---	---	---	0.48		<0.39	<0.37	<0.40	<0.36	<0.38	<0.38	<0.61
Diethyl phthalate	mg/kg	63,000	2,000	1,000,000	2,000	470	*	---	---	---	470		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
Dimethyl phthalate	mg/kg	---	---	---	---	---	*	---	---	---	380		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
Di-n-butylphthalate	mg/kg	7,800	2,300	200,000	2,300	2,300	*	---	---	---	2,300		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
2,4-Dimethylphenol	mg/kg	1,600	---	41,000	---	9.0	*	---	---	---	9.0		<0.39	<0.37	<0.40	<0.36	<0.38	<0.38	<0.61
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	7.80		<0.79	<0.74	<0.81	<0.73	<0.78	<0.77	<1.2
2,4-Dinitrophenol	mg/kg	160	---	410	---	3.3	3.3	---	---	---	3.30		<0.79	<0.74	<0.81	<0.73	<0.78	<0.77	<1.2
2,4-Dinitrotoluene	mg/kg	0.9	---	180	---	0.25	0.25	---	---	---	0.25		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
2,6-Dinitrotoluene	mg/kg	0.9	---	180	---	0.26	0.26	---	---	---	0.26		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
Di-n-octylphthalate	mg/kg	1,600	10,000	4,100	10,000	10,000	*	---	---	---	1,600		<0.39	<0.37	<0.40	<0.36	<0.38	<0.38	<0.61
Hexachlorobenzene	mg/kg	0.4	1.0	78	2.6	2.0	*	---	---	---	0.4		<0.079	<0.074	<0.081	<0.073	<0.078	<0.077	<0.12
Hexachlorobutadiene	mg/kg	---	---	---	---	---	*	---	---	---	2.9		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
Hexachlorocyclopentadiene	mg/kg	550	10	14,000	1.1	400	*	---	---	---	1.1		<0.79	<0.74	<0.81	<0.73	<0.78	<0.77	<1.2
Hexachloroethane	mg/kg	78	---	2,000	---	0.5	*	---	---	---	0.5		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
Isophorone	mg/kg	15,600	4,600	410,000	4,600	8.0	*	---	---	---	8.0		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
2-Methylnaphthalene	mg/kg	---	---	---	---	---	*	---	0.14	0.29	7.2		<0.079	<0.074	<0.081	0.14	<0.078	<0.077	<0.12
2-Methylphenol	mg/kg	3900	---	100,000	---	15	*	---	---	---	15		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
4-Methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
2-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.14		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
3-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.01		<0.39	<0.37	<0.40	<0.36	<0.38	<0.38	<0.61
4-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.1		<0.39	<0.37	<0.40	<0.36	<0.38	<0.38	<0.61
Nitrobenzene	mg/kg	39	92	1,000	9.4	0.26	0.26	---	---	---	0.26		<0.039	<0.037	<0.040	<0.036	<0.038	<0.038	<0.061
2-Nitrophenol	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.39	<0.37	<0.40	<0.36	<0.38	<0.38	<0.61
4-Nitrophenol	mg/kg	---	---	---	---	---	*	---	---	---	630		<0.79	<0.74	<0.81	<0.73	<0.78	<0.77	<1.2
N-Nitroso-di-n-propylamine	mg/kg	0.09	---	18	---	0.0018	0.0018	---	---	---	0.00018		<0.079	<0.074	<0.081	<0.073	<0.078	<0.077	<0.12
N-Nitrosodiphenylamine	mg/kg	130	---	4,100	1.8	1.0	*	---	---	---	1.0		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
2,2'-oxybis (1-chloropropane)	mg/kg	---	---	---	---	---	*	---	---	---	2.4		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
Pentachlorophenol	mg/kg	3.0	---	520	---	0.03	*	---	---	---	0.02		<0.79	<0.74	<0.81	<0.73	<0.78	<0.77	<1.2

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B08 (1-5)	5-B08 (5-12)	5-B09 (1-5)	5-B09 (5-12)	5-B10 (1-5)	5-B10 (1-5)D	5-B10 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	5-12	1-5	1-5	5-12
												Date Collected	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
												pH	8.4	8.3	7.4	8.6	7.9	7.4	7.5
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	1.3	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(5)	(a)(2)	Unrestricted	Unrestricted	Unrestricted	Unrestricted	(a)(2)
Phenol	mg/kg	23,000	---	61,000	---	100	*	---	---	---	100		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
1,2,4-Trichlorobenzene	mg/kg	780	3,200	2,000	920	5.0	*	---	---	---	5.0		<0.20	<0.18	<0.20	<0.18	<0.19	<0.19	<0.31
2,4,5-Trichlorophenol	mg/kg	7,800	---	200,000	---	270	*	---	---	---	26		<0.39	<0.37	<0.40	<0.36	<0.38	<0.38	<0.61
2,4,6-Trichlorophenol	mg/kg	58	200	11,000	540	0.66	0.66	---	---	---	0.66		<0.39	<0.37	<0.40	<0.36	<0.38	<0.38	<0.61
Pesticide Organic Analytical Parameters																			
Aldrin	mg/kg	0.94	3.0	6.1	9.3	0.94	0.94	---	---	---	0.94		<190	--	<2.1	--	<2.0	<2.0	--
alpha-BHC	mg/kg	0.1	0.8	20	2.1	0.0074	0.0074	---	---	---	0.0074		<190	--	<2.1	--	<2.0	<2.0	--
alpha-Chlordane	mg/kg	---	---	---	---	---	*	---	---	---	1.8		<190	--	<2.1	--	<2.0	<2.0	--
beta-BHC	mg/kg	---	---	---	---	---	*	---	---	---	---		<190	--	<2.1	--	<2.0	<2.0	--
delta-BHC	mg/kg	---	---	---	---	---	*	---	---	---	---		<190	--	<2.1	--	<2.0	<2.0	--
Dieldrin	mg/kg	0.603	1.0	7.8	3.1	0.603	0.603	---	---	---	0.603		<190	--	<2.1	--	<2.0	<2.0	--
4,4'-DDD	mg/kg	3	---	520	---	16	*	---	---	---	3.0		<190	--	<2.1	--	<2.0	<2.0	--
4,4'-DDE	mg/kg	2	---	370	---	54	*	---	---	---	2.0		<190	--	<2.1	--	<2.0	<2.0	--
4,4'-DDT	mg/kg	2	---	100	2,100	32	*	---	---	---	2.0		<190	--	<2.1	--	<2.0	<2.0	--
Endosulfan I	mg/kg	---	---	---	---	---	---	---	---	---	18		<190	--	<2.1	--	<2.0	<2.0	--
Endosulfan II	mg/kg	---	---	---	---	---	---	---	---	---	18		<190	--	<2.1	--	<2.0	<2.0	--
Endosulfan sulfate	mg/kg	---	---	---	---	---	---	---	---	---	18		<190	--	<2.1	--	<2.0	<2.0	--
Endrin	mg/kg	23	---	61	---	1.0	*	---	---	---	1.0		<190	--	<2.1	--	<2.0	<2.0	--
Endrin aldehyde	mg/kg	---	---	---	---	---	*	---	---	---	1.0		<190	--	<2.1	--	<2.0	<2.0	--
Endrin ketone	mg/kg	---	---	---	---	---	*	---	---	---	1.0		<190	--	<2.1	--	<2.0	<2.0	--
gamma-BHC	mg/kg	0.5	---	96	---	0.009	*	---	---	---	0.009		<190	--	<2.1	--	<2.0	<2.0	--
Heptachlor	mg/kg	0.871	0.871	28	16	23	0.871	---	---	---	0.871		<190	--	<2.1	--	<2.0	<2.0	--
Heptachlor epoxide	mg/kg	1.005	5.0	2.7	13	1.005	1.005	---	---	---	1.005		<190	--	<2.1	--	<2.0	<2.0	--
Methoxychlor	mg/kg	390	---	1,000	---	160	*	---	---	---	160		<950	--	<10	--	<10	<9.9	--
Toxaphene	mg/kg	0.6	89	110	240	31	*	---	---	---	0.6		<1900	--	<21	--	<20	<20	--
Aroclor Organic Analytical Parameters																			
Aroclor - 1016	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.021	--	<0.020	<0.020	--
Aroclor - 1221	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.021	--	<0.020	<0.020	--
Aroclor - 1232	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.021	--	<0.020	<0.020	--
Aroclor - 1242	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.021	--	<0.020	<0.020	--
Aroclor - 1248	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.021	--	<0.020	<0.020	--
Aroclor - 1254	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.021	--	<0.020	<0.020	--
Aroclor - 1260	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.021	--	<0.020	<0.020	--
Inorganic Analytical Parameters																			
Arsenic	mg/kg	11.3	750	61	25,000	---	*	13.0	13.0	11.3	11.3		2.8	2.5	4.3	3.1	5.3	3.3	2.3
Barium	mg/kg	5,500	690,000	14,000	870,000	---	*	110	110	122	1,500		110	37	72	30	86	52	24
Cadmium	mg/kg	78	1,800	200	59,000	---	*	0.6	0.6	0.5	5.2		0.12	0.049	0.15	<0.22	0.13	0.11	0.084
Chromium	mg/kg	230	270	4,100	690	---	*	16.2	16.2	13	21		14	16	23	11	27	17	12
Lead	mg/kg	400	---	700	---	---	*	36	36	20.9	107		6.6	3.3	8.2	10	8.6	6.0	2.8
Mercury	mg/kg	23	10	61	0.1	---	*	0.06	0.06	0.05	0.89		0.025	0.010	0.025	0.013	0.019	0.015	<0.020
Selenium	mg/kg	390	---	1,000	---	---	*	0.48	0.48	0.37	1.3		<1.1	<1.1	<1.2	<1.1	<1.2	<1.1	<1.1
Silver	mg/kg	390	---	1,000	---	---	*	0.55	0.55	0.5	4.4		1.7	1.7	3.1	1.4	3.2	2.2	1.6
Antimony	mg/kg	31	---	82	---	---	*	4.0	4.0	3.3	5.0		<2.1	<2.2	<2.5	<2.2	<2.3	<2.2	<2.3
Beryllium	mg/kg	160	1300	410	44,000	---	*	0.59	0.59	0.56	22		0.48	0.33	0.66	0.81	0.78	0.53	0.31
Cobalt	mg/kg	4,700	---	12,000	---	---	*	8.9	8.9	8.9	20		6.4	3.2	11	14	14	7.6	5.0
Copper	mg/kg	2,900	---	8,200	---	---	*	19.6	19.6	12	2,900		10	11	26	10	22	17	11

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B08 (1-5)	5-B08 (5-12)	5-B09 (1-5)	5-B09 (5-12)	5-B10 (1-5)	5-B10 (1-5)D	5-B10 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	5-12	1-5	1-5	5-12
												Date Collected	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21	2025-05-21
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		pH	8.4	8.3	7.4	8.6	7.9	7.4	7.5
												PID	1.3	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(5)	(a)(2)	Unrestricted	Unrestricted	Unrestricted	Unrestricted	(a)(2)
Cyanide	mg/kg	1,600	---	4,100	---	---	*	0.51	0.51	0.5	40		<0.27	<0.28	<0.29	<0.25	<0.28	<0.28	<0.30
Iron	mg/kg	---	---	---	---	---	*	15,900	15,900	15,000	15,000		11000	12000	22000	10000	23000	16000	10000
Magnesium	mg/kg	325,000	---	730,000	---	---	*	4,820	4,820	2,700	---		1600	1400	4100	1200	4700	2700	1800
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	*	636	636	630	630		500	120	320	300	280	220	200
Nickel	mg/kg	1,600	13,000	4,100	440,000	---	*	18	18	13	100		12	9.9	25	20	26	18	12
Thallium	mg/kg	6.3	---	160	---	---	*	0.32	0.32	0.42	2.6		1.1	<1.1	0.82	0.78	0.63	<1.1	<1.1
Vanadium	mg/kg	550	---	1,400	---	---	*	25.2	25.2	25	550		25	34	59	11	61	43	23
Zinc	mg/kg	23,000	---	61,000	---	---	*	95.0	95.0	60.2	5,100		27	18	35	26	45	29	17
TCLP																			
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Chromium	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	0.0058	--	0.0036	--	--
Lead	mg/L	---	---	---	---	0.0075	---	---	---	---	0.0075		--	--	--	--	--	--	--
Selenium	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Silver	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	---	0.006		--	--	--	--	--	--	--
Cobalt	mg/L	---	---	---	---	1.0	---	---	---	---	1.0		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	---	5.0		1.2	20	0.33	9.5	0.35	0.37	0.34
Manganese	mg/L	---	---	---	---	0.15	---	---	---	---	0.15		10	2.5	0.066	0.65	0.077	0.034	1.7
Nickel	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	--	--	--	--
Thallium	mg/L	---	---	---	---	0.002	---	---	---	---	0.002		--	--	--	--	--	--	--
Inorganic Analytical Parameters (SPLP)																			
Antimony	mg/L	---	---	---	---	0.006	*	---	---	---	0.006		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	*	---	---	---	5.0		--	53	--	2.3	--	--	--
Lead	mg/L	---	---	---	---	0.0075	*	---	---	---	0.0075		--	--	--	--	--	--	--
Manganese	mg/L	---	---	---	---	0.15	*	---	---	---	0.15		2.1	0.51	--	0.010	--	--	0.48
Mismatched CAS Numbers																			
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---		8.7	4.5	7.5	12	7.3	5.5	3.2

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B11 (1-5)	5-B11 (5-12)	5-B12 (1-5)	5-B12 (5-12)	5-B13 (1-5)	5-B13 (5-12)	5-B14 (1-5)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	5-12	1-5	5-12	1-5
												Date Collected	2025-05-21	2025-05-21	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
												pH	7.6	7.3	7.9	7.2	7.5	8.0	7.4
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	Unrestricted	(a)(2)	Unrestricted	Unrestricted	Unrestricted	Unrestricted	Unrestricted
Volatile Organic Analytical Parameters																			
Benzene	mg/kg	12	0.8	2,300	2.2	0.03	*	---	---	---	0.03		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Toluene	mg/kg	16,000	650	410,000	42	12	*	---	---	---	12		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Ethylbenzene	mg/kg	7,800	400	20,000	58	13	*	---	---	---	13		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Xylenes (total)	mg/kg	16,000	320	41,000	5.6	150	*	---	---	---	5.6		<0.0036	<0.0029	<0.0031	<0.0031	<0.0036	<0.0040	<0.0035
Methyl Tertiary-Butyl Ether	mg/kg	780	8,800	2,000	140	0.32	*	---	---	---	0.32		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Acetone	mg/kg	70,000	100,000	---	100,000	25	*	---	---	---	25		<0.018	<0.015	0.0078	0.016	<0.018	<0.020	<0.017
Bromodichloromethane	mg/kg	10	3,000	2,000	3,000	0.6	*	---	---	---	0.6		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Bromoform	mg/kg	81	53	16,000	140	0.8	*	---	---	---	0.8		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Bromomethane	mg/kg	110	10	1,000	3.9	0.2	*	---	---	---	0.2		<0.0045	<0.0037	<0.0038	<0.0039	<0.0045	<0.0049	<0.0043
2-Butanone	mg/kg	---	---	---	---	---	*	---	---	---	17		<0.0045	<0.0037	<0.0038	<0.0039	<0.0045	<0.0049	<0.0043
Carbon Disulfide	mg/kg	7,800	720	20,000	9.0	32	*	---	---	---	9.0		<0.0045	<0.0037	<0.0038	<0.0039	<0.0045	<0.0049	<0.0043
Carbon Tetrachloride	mg/kg	5.0	0.3	410	0.9	0.07	*	---	---	---	0.07		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Chlorobenzene	mg/kg	1,600	130	4,100	1.3	1.0	*	---	---	---	1.0		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Chloroethane	mg/kg	---	---	---	---	---	*	---	---	---	15		<0.0045	<0.0037	<0.0038	<0.0039	<0.0045	<0.0049	<0.0043
Chloroform	mg/kg	100	0.3	2,000	0.76	0.6	*	---	---	---	0.3		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Chloromethane	mg/kg	---	---	---	---	---	*	---	---	---	0.14		<0.0045	<0.0037	<0.0038	<0.0039	<0.0045	<0.0049	<0.0043
cis-1,2-Dichloroethene	mg/kg	780	1,200	20,000	1,200	0.4	*	---	---	---	0.4		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Dibromochloromethane	mg/kg	1,600	1,300	41,000	1,300	0.4	*	---	---	---	0.4		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
1,1-Dichloroethane	mg/kg	7,800	1,300	200,000	130	23	*	---	---	---	23		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
1,2-Dichloroethane	mg/kg	7.0	0.4	1,400	0.99	0.02	*	---	---	---	0.02		<0.0045	<0.0037	<0.0038	<0.0039	<0.0045	<0.0049	<0.0043
1,1-Dichloroethene	mg/kg	3,900	290	10,000	3.0	0.06	*	---	---	---	0.06		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
1,2-Dichloropropane	mg/kg	9.0	15	1,800	0.5	0.03	*	---	---	---	0.03		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
1,3-Dichloropropene (cis+trans)	mg/kg	6.4	1.1	1,200	0.39	0.005	0.005	---	---	---	0.005		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
2-Hexanone	mg/kg	---	---	---	---	---	*	---	---	---	0.72		<0.0045	<0.0037	<0.0038	<0.0039	<0.0045	<0.0049	<0.0043
4-Methyl-2-pentanone	mg/kg	---	---	---	---	---	*	---	---	---	2.5		<0.0045	<0.0037	<0.0038	<0.0039	<0.0045	<0.0049	<0.0043
Methylene Chloride	mg/kg	85	13	12,000	34	0.02	*	---	---	---	0.02		<0.0045	<0.0037	<0.0038	<0.0039	<0.0045	<0.0049	<0.0043
Styrene	mg/kg	16,000	1,500	41,000	430	4.0	*	---	---	---	4.0		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
1,1,2,2-Tetrachloroethane	mg/kg	---	---	---	---	---	*	---	---	---	3.3		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Tetrachloroethene	mg/kg	12	11	2,400	28	0.06	*	---	---	---	0.06		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
trans-1,2-Dichloroethene	mg/kg	1,600	3,100	41,000	3,100	0.7	*	---	---	---	0.7		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Trichloroethene	mg/kg	58	5.0	1,200	12	0.06	*	---	---	---	0.06		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
1,1,1-Trichloroethane	mg/kg	---	1,200	---	1,200	2.0	*	---	---	---	2.0		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
1,1,2-Trichloroethane	mg/kg	310	1,800	8,200	1,800	0.02	*	---	---	---	0.02		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Vinyl Chloride	mg/kg	0.46	0.28	170	1.1	0.01	*	---	---	---	0.01		<0.0018	<0.0015	<0.0015	<0.0016	<0.0018	<0.0020	<0.0017
Semivolatile Organic Analytical Parameters																			
Acenaphthene	mg/kg	4,700	---	120,000	---	570	*	0.94	0.13	0.04	570		<0.040	<0.062	<0.040	<0.040	<0.035	<0.039	<0.040
Acenaphthylene	mg/kg	---	---	---	---	---	*	0.25	0.07	0.04	85		<0.040	<0.062	<0.040	<0.040	<0.035	<0.039	<0.040
Anthracene	mg/kg	23,000	---	610,000	---	12,000	*	2.6	0.40	0.14	12,000		<0.040	<0.062	<0.040	<0.040	<0.035	0.021	<0.040
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	*	11	1.8	0.72	0.9		<0.040	<0.062	<0.040	<0.040	0.040	0.080	<0.040
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	*	11	2.1	0.98	0.09		<0.040	<0.062	<0.040	<0.040	0.048	0.062	<0.040
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	*	13	2.1	0.70	0.9		<0.040	<0.062	<0.040	<0.040	0.060	0.087	<0.040
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	*	4.4	1.7	0.84	2,300		<0.040	<0.062	<0.040	<0.040	0.19	0.040	<0.040
Benzo(k)fluoranthene	mg/kg	9.0	---	1700	---	49	*	8.1	1.7	0.63	9.0		<0.040	<0.062	<0.040	<0.040	<0.035	0.038	<0.040
Chrysene	mg/kg	88	---	17000	---	160	*	11	2.7	1.1	88		<0.040	<0.062	<0.040	<0.040	0.057	0.076	<0.040
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	*	1.0	0.42	0.15	0.09		<0.040	<0.062	<0.040	<0.040	<0.035	<0.039	<0.040
Fluoranthene	mg/kg	3,100	---	82,000	---	4,300	*	28	4.1	1.8	3,100		<0.040	<0.062	<0.040	<0.040	0.043	0.16	<0.040

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B11 (1-5)	5-B11 (5-12)	5-B12 (1-5)	5-B12 (5-12)	5-B13 (1-5)	5-B13 (5-12)	5-B14 (1-5)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	5-12	1-5	5-12	1-5
												Date Collected	2025-05-21	2025-05-21	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
												pH	7.6	7.3	7.9	7.2	7.5	8.0	7.4
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	Unrestricted	(a)(2)	Unrestricted	Unrestricted	Unrestricted	Unrestricted	Unrestricted
Fluorene	mg/kg	3,100	---	82,000	---	560	*	1.1	0.18	0.04	560		<0.040	<0.062	<0.040	<0.040	0.018	<0.039	<0.040
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	*	5.8	1.6	0.51	0.9		<0.040	<0.062	<0.040	<0.040	0.036	0.041	<0.040
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	*	0.26	0.20	0.17	1.8		<0.040	<0.062	<0.040	<0.040	0.0096	<0.039	<0.040
Phenanthrene	mg/kg	---	---	---	---	---	*	15	2.5	0.99	200		<0.040	<0.062	<0.040	0.010	0.12	0.081	<0.040
Pyrene	mg/kg	2,300	---	61,000	---	4,200	*	18	3.0	1.2	2,300		<0.040	<0.062	<0.040	<0.040	0.096	0.14	<0.040
Bis(2-Chloroethoxy)methane	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
Bis(2-Chloroethyl)ether	mg/kg	0.66	0.66	75	0.66	0.66	0.66	---	---	---	0.66		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
Bis(2-Ethylhexyl)phthalate	mg/kg	46	31,000	4,100	31,000	3,600	*	---	---	---	46		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
4-Bromophenyl-phenyl ether	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
Butyl benzyl phthalate	mg/kg	16,000	930	410,000	930	930	*	---	---	---	930		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	---	0.6		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
4-Chloroaniline	mg/kg	310	---	820	---	0.7	*	---	---	---	0.7		<0.82	<1.3	<0.82	<0.81	<0.71	<0.80	<0.81
2-Chloronaphthalene	mg/kg	---	---	---	---	---	*	---	---	---	49		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
4-Chloro-3-methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	24		<0.40	<0.62	<0.40	<0.40	<0.35	<0.39	<0.40
2-Chlorophenol	mg/kg	390	53,000	10,000	53,000	4.0	*	---	---	---	1.5		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
4-Chlorophenyl-phenyl ether	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
Dibenzofuran	mg/kg	---	---	---	---	---	*	---	---	---	6.1		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
1,2-Dichlorobenzene	mg/kg	7,000	560	18,000	310	17	*	---	---	---	17		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
1,3-Dichlorobenzene	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
1,4-Dichlorobenzene	mg/kg	---	11,000	---	340	2.0	*	---	---	---	2.0		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
3,3'-Dichlorobenzidine	mg/kg	1.3	---	280	---	1.3	1.3	---	---	---	1.3		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
2,4-Dichlorophenol	mg/kg	230	---	610	---	1.0	*	---	---	---	0.48		<0.40	<0.62	<0.40	<0.40	<0.35	<0.39	<0.40
Diethyl phthalate	mg/kg	63,000	2,000	1,000,000	2,000	470	*	---	---	---	470		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
Dimethyl phthalate	mg/kg	---	---	---	---	---	*	---	---	---	380		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
Di-n-butylphthalate	mg/kg	7,800	2,300	200,000	2,300	2,300	*	---	---	---	2,300		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
2,4-Dimethylphenol	mg/kg	1,600	---	41,000	---	9.0	*	---	---	---	9.0		<0.40	<0.62	<0.40	<0.40	<0.35	<0.39	<0.40
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	7.80		<0.82	<1.3	<0.82	<0.81	<0.71	<0.80	<0.81
2,4-Dinitrophenol	mg/kg	160	---	410	---	3.3	3.3	---	---	---	3.30		<0.82	<1.3	<0.82	<0.81	<0.71	<0.80	<0.81
2,4-Dinitrotoluene	mg/kg	0.9	---	180	---	0.25	0.25	---	---	---	0.25		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
2,6-Dinitrotoluene	mg/kg	0.9	---	180	---	0.26	0.26	---	---	---	0.26		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
Di-n-octylphthalate	mg/kg	1,600	10,000	4,100	10,000	10,000	*	---	---	---	1,600		<0.40	<0.62	<0.40	<0.40	<0.35	<0.39	<0.40
Hexachlorobenzene	mg/kg	0.4	1.0	78	2.6	2.0	*	---	---	---	0.4		<0.082	<0.13	<0.082	<0.081	<0.071	<0.080	<0.081
Hexachlorobutadiene	mg/kg	---	---	---	---	---	*	---	---	---	2.9		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
Hexachlorocyclopentadiene	mg/kg	550	10	14,000	1.1	400	*	---	---	---	1.1		<0.82	<1.3	<0.82	<0.81	<0.71	<0.80	<0.81
Hexachloroethane	mg/kg	78	---	2,000	---	0.5	*	---	---	---	0.5		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
Isophorone	mg/kg	15,600	4,600	410,000	4,600	8.0	*	---	---	---	8.0		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
2-Methylnaphthalene	mg/kg	---	---	---	---	---	*	---	0.14	0.29	7.2		<0.082	<0.13	<0.082	<0.081	0.032	<0.080	<0.081
2-Methylphenol	mg/kg	3900	---	100,000	---	15	*	---	---	---	15		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
4-Methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
2-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.14		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
3-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.01		<0.40	<0.62	<0.40	<0.40	<0.35	<0.39	<0.40
4-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.1		<0.40	<0.62	<0.40	<0.40	<0.35	<0.39	<0.40
Nitrobenzene	mg/kg	39	92	1,000	9.4	0.26	0.26	---	---	---	0.26		<0.040	<0.062	<0.040	<0.040	<0.035	<0.039	<0.040
2-Nitrophenol	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.40	<0.62	<0.40	<0.40	<0.35	<0.39	<0.40
4-Nitrophenol	mg/kg	---	---	---	---	---	*	---	---	---	630		<0.82	<1.3	<0.82	<0.81	<0.71	<0.80	<0.81
N-Nitroso-di-n-propylamine	mg/kg	0.09	---	18	---	0.0018	0.0018	---	---	---	0.00018		<0.082	<0.13	<0.082	<0.081	<0.071	<0.080	<0.081
N-Nitrosodiphenylamine	mg/kg	130	---	4,100	1.8	1.0	*	---	---	---	1.0		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
2,2'-oxybis (1-chloropropane)	mg/kg	---	---	---	---	---	*	---	---	---	2.4		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
Pentachlorophenol	mg/kg	3.0	---	520	---	0.03	*	---	---	---	0.02		<0.82	<1.3	<0.82	<0.81	<0.71	<0.80	<0.81

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B11 (1-5)	5-B11 (5-12)	5-B12 (1-5)	5-B12 (5-12)	5-B13 (1-5)	5-B13 (5-12)	5-B14 (1-5)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	5-12	1-5	5-12	1-5
												Date Collected	2025-05-21	2025-05-21	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
												pH	7.6	7.3	7.9	7.2	7.5	8.0	7.4
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	Unrestricted	(a)(2)	Unrestricted	Unrestricted	Unrestricted	Unrestricted	Unrestricted
Phenol	mg/kg	23,000	---	61,000	---	100	*	---	---	---	100		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
1,2,4-Trichlorobenzene	mg/kg	780	3,200	2,000	920	5.0	*	---	---	---	5.0		<0.20	<0.31	<0.20	<0.20	<0.18	<0.20	<0.20
2,4,5-Trichlorophenol	mg/kg	7,800	---	200,000	---	270	*	---	---	---	26		<0.40	<0.62	<0.40	<0.40	<0.35	<0.39	<0.40
2,4,6-Trichlorophenol	mg/kg	58	200	11,000	540	0.66	0.66	---	---	---	0.66		<0.40	<0.62	<0.40	<0.40	<0.35	<0.39	<0.40
Pesticide Organic Analytical Parameters																			
Aldrin	mg/kg	0.94	3.0	6.1	9.3	0.94	0.94	---	---	---	0.94		<2.1	--	<2.1	--	<1.8	--	<2.1
alpha-BHC	mg/kg	0.1	0.8	20	2.1	0.0074	0.0074	---	---	---	0.0074		<2.1	--	<2.1	--	<1.8	--	<2.1
alpha-Chlordane	mg/kg	---	---	---	---	---	*	---	---	---	1.8		<2.1	--	<2.1	--	<1.8	--	<2.1
beta-BHC	mg/kg	---	---	---	---	---	*	---	---	---	---		<2.1	--	<2.1	--	<1.8	--	<2.1
delta-BHC	mg/kg	---	---	---	---	---	*	---	---	---	---		<2.1	--	<2.1	--	<1.8	--	<2.1
Dieldrin	mg/kg	0.603	1.0	7.8	3.1	0.603	0.603	---	---	---	0.603		<2.1	--	<2.1	--	<1.8	--	<2.1
4,4'-DDD	mg/kg	3	---	520	---	16	*	---	---	---	3.0		<2.1	--	<2.1	--	<1.8	--	<2.1
4,4'-DDE	mg/kg	2	---	370	---	54	*	---	---	---	2.0		<2.1	--	<2.1	--	<1.8	--	<2.1
4,4'-DDT	mg/kg	2	---	100	2,100	32	*	---	---	---	2.0		<2.1	--	<2.1	--	<1.8	--	<2.1
Endosulfan I	mg/kg	---	---	---	---	---	---	---	---	---	18		<2.1	--	<2.1	--	<1.8	--	<2.1
Endosulfan II	mg/kg	---	---	---	---	---	---	---	---	---	18		<2.1	--	<2.1	--	<1.8	--	<2.1
Endosulfan sulfate	mg/kg	---	---	---	---	---	---	---	---	---	18		<2.1	--	<2.1	--	<1.8	--	<2.1
Endrin	mg/kg	23	---	61	---	1.0	*	---	---	---	1.0		<2.1	--	<2.1	--	<1.8	--	<2.1
Endrin aldehyde	mg/kg	---	---	---	---	---	*	---	---	---	1.0		<2.1	--	<2.1	--	<1.8	--	<2.1
Endrin ketone	mg/kg	---	---	---	---	---	*	---	---	---	1.0		<2.1	--	<2.1	--	<1.8	--	<2.1
gamma-BHC	mg/kg	0.5	---	96	---	0.009	*	---	---	---	0.009		<2.1	--	<2.1	--	<1.8	--	<2.1
Heptachlor	mg/kg	0.871	0.871	28	16	23	0.871	---	---	---	0.871		<2.1	--	<2.1	--	<1.8	--	<2.1
Heptachlor epoxide	mg/kg	1.005	5.0	2.7	13	1.005	1.005	---	---	---	1.005		<2.1	--	<2.1	--	<1.8	--	<2.1
Methoxychlor	mg/kg	390	---	1,000	---	160	*	---	---	---	160		<10	--	<10	--	<8.7	--	<10
Toxaphene	mg/kg	0.6	89	110	240	31	*	---	---	---	0.6		<20	--	<21	--	<17	--	<20
Aroclor Organic Analytical Parameters																			
Aroclor - 1016	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.020	--	<0.021	--	<0.017	--	<0.020
Aroclor - 1221	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.020	--	<0.021	--	<0.017	--	<0.020
Aroclor - 1232	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.020	--	<0.021	--	<0.017	--	<0.020
Aroclor - 1242	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.020	--	<0.021	--	<0.017	--	<0.020
Aroclor - 1248	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.020	--	<0.021	--	<0.017	--	<0.020
Aroclor - 1254	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.020	--	<0.021	--	<0.017	--	<0.020
Aroclor - 1260	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.020	--	<0.021	--	<0.017	--	<0.020
Inorganic Analytical Parameters																			
Arsenic	mg/kg	11.3	750	61	25,000	---	*	13.0	13.0	11.3	11.3		4.5	2.7	6.6	3.5	2.3	4.4	3.3
Barium	mg/kg	5,500	690,000	14,000	870,000	---	*	110	110	122	1,500		69	32	110	58	25	77	67
Cadmium	mg/kg	78	1,800	200	59,000	---	*	0.6	0.6	0.5	5.2		0.11	0.067	0.24	0.14	0.059	0.14	0.12
Chromium	mg/kg	230	270	4,100	690	---	*	16.2	16.2	13	21		23	14	30	24	11	20	25
Lead	mg/kg	400	---	700	---	---	*	36	36	20.9	107		7.8	3.4	9.3	8.1	9.3	7.8	8.0
Mercury	mg/kg	23	10	61	0.1	---	*	0.06	0.06	0.05	0.89		0.026	0.013	0.026	0.025	0.0090	0.028	0.029
Selenium	mg/kg	390	---	1,000	---	---	*	0.48	0.48	0.37	1.3		<1.2	<1.1	<1.2	<1.2	0.65	<1.1	<1.2
Silver	mg/kg	390	---	1,000	---	---	*	0.55	0.55	0.5	4.4		2.8	1.6	1.7	0.58	1.5	0.90	0.34
Antimony	mg/kg	31	---	82	---	---	*	4.0	4.0	3.3	5.0		<2.3	<2.3	0.47	<2.3	<2.1	<2.2	<2.3
Beryllium	mg/kg	160	1300	410	44,000	---	*	0.59	0.59	0.56	22		0.69	0.33	0.64	0.42	0.79	0.37	0.48
Cobalt	mg/kg	4,700	---	12,000	---	---	*	8.9	8.9	8.9	20		1.9	3.9	15	11	28	8.3	14
Copper	mg/kg	2,900	---	8,200	---	---	*	19.6	19.6	12	2,900		21	8.2	37	20	14	21	22

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B11 (1-5)	5-B11 (5-12)	5-B12 (1-5)	5-B12 (5-12)	5-B13 (1-5)	5-B13 (5-12)	5-B14 (1-5)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	5-12	1-5	5-12	1-5
												Date Collected	2025-05-21	2025-05-21	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
												pH	7.6	7.3	7.9	7.2	7.5	8.0	7.4
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	Unrestricted	(a)(2)	Unrestricted	Unrestricted	Unrestricted	Unrestricted	Unrestricted
Cyanide	mg/kg	1,600	---	4,100	---	---	*	0.51	0.51	0.5	40		<0.30	<0.28	<0.27	<0.27	<0.25	<0.28	<0.28
Iron	mg/kg	---	---	---	---	---	*	15,900	15,900	15,000	15,000		20000	11000	28000	17000	14000	16000	19000
Magnesium	mg/kg	325,000	---	730,000	---	---	*	4,820	4,820	2,700	---		4000	2400	6000	3500	1500	5700	4500
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	*	636	636	630	630		240	130	900	380	820	490	220
Nickel	mg/kg	1,600	13,000	4,100	440,000	---	*	18	18	13	100		20	11	34	21	31	18	22
Thallium	mg/kg	6.3	---	160	---	---	*	0.32	0.32	0.42	2.6		0.68	<1.1	1.8	0.96	1.5	1.2	0.89
Vanadium	mg/kg	550	---	1,400	---	---	*	25.2	25.2	25	550		9.7	24	67	51	11	38	46
Zinc	mg/kg	23,000	---	61,000	---	---	*	95.0	95.0	60.2	5,100		41	21	53	36	37	36	48
TCLP																			
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Chromium	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		0.0030	--	0.0021	0.0031	--	--	0.0025
Lead	mg/L	---	---	---	---	0.0075	---	---	---	---	0.0075		--	--	--	--	--	--	--
Selenium	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Silver	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	---	0.006		--	--	--	--	--	--	--
Cobalt	mg/L	---	---	---	---	1.0	---	---	---	---	1.0		--	--	--	--	0.059	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	---	5.0		0.34	<0.20	0.48	0.52	3.4	0.51	0.26
Manganese	mg/L	---	---	---	---	0.15	---	---	---	---	0.15		0.047	2.6	0.011	0.14	0.69	1.7	0.043
Nickel	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	--	--	--	--
Thallium	mg/L	---	---	---	---	0.002	---	---	---	---	0.002		--	--	--	--	--	--	--
Inorganic Analytical Parameters (SPLP)																			
Antimony	mg/L	---	---	---	---	0.006	*	---	---	---	0.006		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	*	---	---	---	5.0		--	--	--	--	--	--	--
Lead	mg/L	---	---	---	---	0.0075	*	---	---	---	0.0075		--	--	--	--	--	--	--
Manganese	mg/L	---	---	---	---	0.15	*	---	---	---	0.15		--	0.38	--	--	0.028	0.053	--
Mismatched CAS Numbers																			
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---		7.7	5.0	7.7	6.8	13	11	7.4

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B14 (5-8)	5-B15 (1-5)	5-B15 (1-5)D	5-B15 (5-12)	5-B16 (1-5)	5-B16 (5-9)	5-B17 (1-5)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	5-8	1-5	1-5	5-12	1-5	5-9	1-5
												Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
												pH	6.3	7.5	7.4	6.6	7.7	6.6	7.2
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	2.5	*ND	*ND
												Classification	(a)(5)	(a)(2)	(a)(5)	Unrestricted	(a)(5)	(a)(2)	(a)(1)
Volatile Organic Analytical Parameters																			
Benzene	mg/kg	12	0.8	2,300	2.2	0.03	*	---	---	---	0.03		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
Toluene	mg/kg	16,000	650	410,000	42	12	*	---	---	---	12		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
Ethylbenzene	mg/kg	7,800	400	20,000	58	13	*	---	---	---	13		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
Xylenes (total)	mg/kg	16,000	320	41,000	5.6	150	*	---	---	---	5.6		<0.0039	<0.0026	<0.0028	<0.0030	<0.0031	<0.0031	<0.0040
Methyl Tertiary-Butyl Ether	mg/kg	780	8,800	2,000	140	0.32	*	---	---	---	0.32		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
Acetone	mg/kg	70,000	100,000	---	100,000	25	*	---	---	---	25		<0.019	0.021	0.0096	<0.015	0.017	0.014	<0.020
Bromodichloromethane	mg/kg	10	3,000	2,000	3,000	0.6	*	---	---	---	0.6		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
Bromoform	mg/kg	81	53	16,000	140	0.8	*	---	---	---	0.8		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
Bromomethane	mg/kg	110	10	1,000	3.9	0.2	*	---	---	---	0.2		<0.0048	<0.0033	<0.0035	<0.0037	<0.0039	<0.0039	<0.0050
2-Butanone	mg/kg	---	---	---	---	---	*	---	---	---	17		<0.0048	0.0042	0.0024	<0.0037	0.0036	<0.0039	<0.0050
Carbon Disulfide	mg/kg	7,800	720	20,000	9.0	32	*	---	---	---	9.0		<0.0048	<0.0033	<0.0035	<0.0037	<0.0039	<0.0039	<0.0050
Carbon Tetrachloride	mg/kg	5.0	0.3	410	0.9	0.07	*	---	---	---	0.07		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
Chlorobenzene	mg/kg	1,600	130	4,100	1.3	1.0	*	---	---	---	1.0		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
Chloroethane	mg/kg	---	---	---	---	---	*	---	---	---	15		<0.0048	<0.0033	<0.0035	<0.0037	<0.0039	<0.0039	<0.0050
Chloroform	mg/kg	100	0.3	2,000	0.76	0.6	*	---	---	---	0.3		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
Chloromethane	mg/kg	---	---	---	---	---	*	---	---	---	0.14		<0.0048	<0.0033	<0.0035	<0.0037	<0.0039	<0.0039	<0.0050
cis-1,2-Dichloroethene	mg/kg	780	1,200	20,000	1,200	0.4	*	---	---	---	0.4		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
Dibromochloromethane	mg/kg	1,600	1,300	41,000	1,300	0.4	*	---	---	---	0.4		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
1,1-Dichloroethane	mg/kg	7,800	1,300	200,000	130	23	*	---	---	---	23		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
1,2-Dichloroethane	mg/kg	7.0	0.4	1,400	0.99	0.02	*	---	---	---	0.02		<0.0048	<0.0033	<0.0035	<0.0037	<0.0039	<0.0039	<0.0050
1,1-Dichloroethene	mg/kg	3,900	290	10,000	3.0	0.06	*	---	---	---	0.06		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
1,2-Dichloropropane	mg/kg	9.0	15	1,800	0.5	0.03	*	---	---	---	0.03		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
1,3-Dichloropropene (cis+trans)	mg/kg	6.4	1.1	1,200	0.39	0.005	0.005	---	---	---	0.005		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
2-Hexanone	mg/kg	---	---	---	---	---	*	---	---	---	0.72		<0.0048	<0.0033	<0.0035	<0.0037	<0.0039	<0.0039	<0.0050
4-Methyl-2-pentanone	mg/kg	---	---	---	---	---	*	---	---	---	2.5		<0.0048	<0.0033	<0.0035	<0.0037	<0.0039	<0.0039	<0.0050
Methylene Chloride	mg/kg	85	13	12,000	34	0.02	*	---	---	---	0.02		<0.0048	<0.0033	<0.0035	<0.0037	<0.0039	<0.0039	<0.0050
Styrene	mg/kg	16,000	1,500	41,000	430	4.0	*	---	---	---	4.0		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
1,1,2,2-Tetrachloroethane	mg/kg	---	---	---	---	---	*	---	---	---	3.3		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
Tetrachloroethene	mg/kg	12	11	2,400	28	0.06	*	---	---	---	0.06		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
trans-1,2-Dichloroethene	mg/kg	1,600	3,100	41,000	3,100	0.7	*	---	---	---	0.7		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
Trichloroethene	mg/kg	58	5.0	1,200	12	0.06	*	---	---	---	0.06		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
1,1,1-Trichloroethane	mg/kg	---	1,200	---	1,200	2.0	*	---	---	---	2.0		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
1,1,2-Trichloroethane	mg/kg	310	1,800	8,200	1,800	0.02	*	---	---	---	0.02		<0.0019	<0.0013	<0.0014	<0.0015	<0.0016	<0.0016	<0.0020
Vinyl Chloride	mg/kg	0.46	0.28	170	1.1	0.01	*	---	---	---	0.01		<0.0019	<0.0013	<0.0014	<0.0015	0.0022	<0.0016	<0.0020
Semivolatile Organic Analytical Parameters																			
Acenaphthene	mg/kg	4,700	---	120,000	---	570	*	0.94	0.13	0.04	570		<0.037	<0.037	0.0098	<0.036	0.092	<0.037	0.028
Acenaphthylene	mg/kg	---	---	---	---	---	*	0.25	0.07	0.04	85		<0.037	<0.037	<0.037	<0.036	<0.070	<0.037	<0.036
Anthracene	mg/kg	23,000	---	610,000	---	12,000	*	2.6	0.40	0.14	12,000		<0.037	<0.037	0.016	<0.036	0.19	<0.037	0.038
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	*	11	1.8	0.72	0.9		<0.037	<0.037	0.062	<0.036	0.57	<0.037	0.052
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	*	11	2.1	0.98	0.09		<0.037	<0.037	0.055	<0.036	0.46	<0.037	<0.036
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	*	13	2.1	0.70	0.9		<0.037	<0.037	0.095	<0.036	0.54	<0.037	0.059
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	*	4.4	1.7	0.84	2,300		0.032	<0.037	0.043	<0.036	0.36	<0.037	0.020
Benzo(k)fluoranthene	mg/kg	9.0	---	1700	---	49	*	8.1	1.7	0.63	9.0		<0.037	<0.037	0.035	<0.036	0.16	<0.037	0.017
Chrysene	mg/kg	88	---	17000	---	160	*	11	2.7	1.1	88		<0.037	<0.037	0.066	<0.036	0.93	<0.037	0.077
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	*	1.0	0.42	0.15	0.09		<0.037	<0.037	<0.037	<0.036	<0.070	<0.037	<0.036
Fluoranthene	mg/kg	3,100	---	82,000	---	4,300	*	28	4.1	1.8	3,100		<0.037	0.015	0.11	<0.036	0.81	<0.037	0.14

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B14 (5-8)	5-B15 (1-5)	5-B15 (1-5)D	5-B15 (5-12)	5-B16 (1-5)	5-B16 (5-9)	5-B17 (1-5)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	5-8	1-5	1-5	5-12	1-5	5-9	1-5
												Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
												pH	6.3	7.5	7.4	6.6	7.7	6.6	7.2
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	2.5	*ND	*ND
												Classification	(a)(5)	(a)(2)	(a)(5)	Unrestricted	(a)(5)	(a)(2)	(a)(1)
Fluorene	mg/kg	3,100	---	82,000	---	560	*	1.1	0.18	0.04	560		<0.037	<0.037	<0.037	<0.036	0.15	<0.037	0.037
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	*	5.8	1.6	0.51	0.9		<0.037	<0.037	0.044	<0.036	0.17	<0.037	<0.036
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	*	0.26	0.20	0.17	1.8		<0.037	<0.037	0.012	<0.036	0.35	<0.037	0.22
Phenanthrene	mg/kg	---	---	---	---	---	*	15	2.5	0.99	200		<0.037	<0.037	0.076	<0.036	0.98	<0.037	0.28
Pyrene	mg/kg	2,300	---	61,000	---	4,200	*	18	3.0	1.2	2,300		<0.037	0.014	0.11	<0.036	1.7	<0.037	0.14
Bis(2-Chloroethoxy)methane	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
Bis(2-Chloroethyl)ether	mg/kg	0.66	0.66	75	0.66	0.66	0.66	---	---	---	0.66		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
Bis(2-Ethylhexyl)phthalate	mg/kg	46	31,000	4,100	31,000	3,600	*	---	---	---	46		<0.19	<0.19	<0.19	<0.18	0.32	<0.19	<0.18
4-Bromophenyl-phenyl ether	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
Butyl benzyl phthalate	mg/kg	16,000	930	410,000	930	930	*	---	---	---	930		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	---	0.6		<0.19	<0.19	<0.19	<0.18	0.053	<0.19	<0.18
4-Chloroaniline	mg/kg	310	---	820	---	0.7	*	---	---	---	0.7		<0.75	<0.75	<0.76	<0.74	<1.4	<0.75	<0.73
2-Chloronaphthalene	mg/kg	---	---	---	---	---	*	---	---	---	49		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
4-Chloro-3-methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	24		<0.37	<0.37	<0.37	<0.36	<0.70	<0.37	<0.36
2-Chlorophenol	mg/kg	390	53,000	10,000	53,000	4.0	*	---	---	---	1.5		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
4-Chlorophenyl-phenyl ether	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
Dibenzofuran	mg/kg	---	---	---	---	---	*	---	---	---	6.1		<0.19	<0.19	<0.19	<0.18	0.15	<0.19	0.082
1,2-Dichlorobenzene	mg/kg	7,000	560	18,000	310	17	*	---	---	---	17		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
1,3-Dichlorobenzene	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
1,4-Dichlorobenzene	mg/kg	---	11,000	---	340	2.0	*	---	---	---	2.0		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
3,3'-Dichlorobenzidine	mg/kg	1.3	---	280	---	1.3	1.3	---	---	---	1.3		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
2,4-Dichlorophenol	mg/kg	230	---	610	---	1.0	*	---	---	---	0.48		<0.37	<0.37	<0.37	<0.36	<0.70	<0.37	<0.36
Diethyl phthalate	mg/kg	63,000	2,000	1,000,000	2,000	470	*	---	---	---	470		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
Dimethyl phthalate	mg/kg	---	---	---	---	---	*	---	---	---	380		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
Di-n-butylphthalate	mg/kg	7,800	2,300	200,000	2,300	2,300	*	---	---	---	2,300		<0.19	<0.19	0.034	<0.18	0.067	<0.19	0.018
2,4-Dimethylphenol	mg/kg	1,600	---	41,000	---	9.0	*	---	---	---	9.0		<0.37	<0.37	<0.37	<0.36	<0.70	<0.37	0.30
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	7.80		<0.75	<0.75	<0.76	<0.74	<1.4	<0.75	<0.73
2,4-Dinitrophenol	mg/kg	160	---	410	---	3.3	3.3	---	---	---	3.30		<0.75	<0.75	<0.76	<0.74	<1.4	<0.75	<0.73
2,4-Dinitrotoluene	mg/kg	0.9	---	180	---	0.25	0.25	---	---	---	0.25		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
2,6-Dinitrotoluene	mg/kg	0.9	---	180	---	0.26	0.26	---	---	---	0.26		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
Di-n-octylphthalate	mg/kg	1,600	10,000	4,100	10,000	10,000	*	---	---	---	1,600		<0.37	<0.37	<0.37	<0.36	<0.70	<0.37	<0.36
Hexachlorobenzene	mg/kg	0.4	1.0	78	2.6	2.0	*	---	---	---	0.4		<0.075	<0.075	<0.076	<0.074	<0.14	<0.075	<0.073
Hexachlorobutadiene	mg/kg	---	---	---	---	---	*	---	---	---	2.9		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
Hexachlorocyclopentadiene	mg/kg	550	10	14,000	1.1	400	*	---	---	---	1.1		<0.75	<0.75	<0.76	<0.74	<1.4	<0.75	<0.73
Hexachloroethane	mg/kg	78	---	2,000	---	0.5	*	---	---	---	0.5		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
Isophorone	mg/kg	15,600	4,600	410,000	4,600	8.0	*	---	---	---	8.0		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
2-Methylnaphthalene	mg/kg	---	---	---	---	---	*	---	0.14	0.29	7.2		<0.075	<0.075	0.015	<0.074	0.58	<0.075	0.27
2-Methylphenol	mg/kg	3900	---	100,000	---	15	*	---	---	---	15		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	0.021
4-Methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.19	<0.19	<0.19	<0.18	0.11	<0.19	0.047
2-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.14		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
3-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.01		<0.37	<0.37	<0.37	<0.36	<0.70	<0.37	<0.36
4-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.1		<0.37	<0.37	<0.37	<0.36	<0.70	<0.37	<0.36
Nitrobenzene	mg/kg	39	92	1,000	9.4	0.26	0.26	---	---	---	0.26		<0.037	<0.037	<0.037	<0.036	<0.070	<0.037	<0.036
2-Nitrophenol	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.37	<0.37	<0.37	<0.36	<0.70	<0.37	<0.36
4-Nitrophenol	mg/kg	---	---	---	---	---	*	---	---	---	630		<0.75	<0.75	<0.76	<0.74	<1.4	<0.75	<0.73
N-Nitroso-di-n-propylamine	mg/kg	0.09	---	18	---	0.0018	0.0018	---	---	---	0.00018		<0.075	<0.075	<0.076	<0.074	<0.14	<0.075	<0.073
N-Nitrosodiphenylamine	mg/kg	130	---	4,100	1.8	1.0	*	---	---	---	1.0		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
2,2'-oxybis (1-chloropropane)	mg/kg	---	---	---	---	---	*	---	---	---	2.4		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
Pentachlorophenol	mg/kg	3.0	---	520	---	0.03	*	---	---	---	0.02		<0.75	<0.75	<0.76	<0.74	<1.4	<0.75	<0.73

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B14 (5-8)	5-B15 (1-5)	5-B15 (1-5)D	5-B15 (5-12)	5-B16 (1-5)	5-B16 (5-9)	5-B17 (1-5)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	5-8	1-5	1-5	5-12	1-5	5-9	1-5
												Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
												pH	6.3	7.5	7.4	6.6	7.7	6.6	7.2
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	2.5	*ND	*ND
												Classification	(a)(5)	(a)(2)	(a)(5)	Unrestricted	(a)(5)	(a)(2)	(a)(1)
Phenol	mg/kg	23,000	---	61,000	---	100	*	---	---	---	100		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	0.022
1,2,4-Trichlorobenzene	mg/kg	780	3,200	2,000	920	5.0	*	---	---	---	5.0		<0.19	<0.19	<0.19	<0.18	<0.36	<0.19	<0.18
2,4,5-Trichlorophenol	mg/kg	7,800	---	200,000	---	270	*	---	---	---	26		<0.37	<0.37	<0.37	<0.36	<0.70	<0.37	<0.36
2,4,6-Trichlorophenol	mg/kg	58	200	11,000	540	0.66	0.66	---	---	---	0.66		<0.37	<0.37	<0.37	<0.36	<0.70	<0.37	<0.36
Pesticide Organic Analytical Parameters																			
Aldrin	mg/kg	0.94	3.0	6.1	9.3	0.94	0.94	---	---	---	0.94		--	<1.9	<2.0	--	<1.9	--	<1.9
alpha-BHC	mg/kg	0.1	0.8	20	2.1	0.0074	0.0074	---	---	---	0.0074		--	<1.9	<2.0	--	<1.9	--	<1.9
alpha-Chlordane	mg/kg	---	---	---	---	---	*	---	---	---	1.8		--	<1.9	<2.0	--	<1.9	--	<1.9
beta-BHC	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<1.9	<2.0	--	<1.9	--	<1.9
delta-BHC	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<1.9	<2.0	--	<1.9	--	<1.9
Dieldrin	mg/kg	0.603	1.0	7.8	3.1	0.603	0.603	---	---	---	0.603		--	<1.9	<2.0	--	<1.9	--	<1.9
4,4'-DDD	mg/kg	3	---	520	---	16	*	---	---	---	3.0		--	<1.9	8.5	--	<1.9	--	<1.9
4,4'-DDE	mg/kg	2	---	370	---	54	*	---	---	---	2.0		--	1.2	18	--	<1.9	--	0.98
4,4'-DDT	mg/kg	2	---	100	2,100	32	*	---	---	---	2.0		--	<1.9	1.1	--	<1.9	--	<1.9
Endosulfan I	mg/kg	---	---	---	---	---	---	---	---	---	18		--	<1.9	<2.0	--	<1.9	--	<1.9
Endosulfan II	mg/kg	---	---	---	---	---	---	---	---	---	18		--	<1.9	<2.0	--	<1.9	--	<1.9
Endosulfan sulfate	mg/kg	---	---	---	---	---	---	---	---	---	18		--	<1.9	<2.0	--	<1.9	--	<1.9
Endrin	mg/kg	23	---	61	---	1.0	*	---	---	---	1.0		--	<1.9	<2.0	--	<1.9	--	<1.9
Endrin aldehyde	mg/kg	---	---	---	---	---	*	---	---	---	1.0		--	<1.9	<2.0	--	<9.3	--	<9.6
Endrin ketone	mg/kg	---	---	---	---	---	*	---	---	---	1.0		--	<1.9	<2.0	--	<1.9	--	<1.9
gamma-BHC	mg/kg	0.5	---	96	---	0.009	*	---	---	---	0.009		--	<1.9	<2.0	--	<1.9	--	<1.9
Heptachlor	mg/kg	0.871	0.871	28	16	23	0.871	---	---	---	0.871		--	<1.9	<2.0	--	<1.9	--	<1.9
Heptachlor epoxide	mg/kg	1.005	5.0	2.7	13	1.005	1.005	---	---	---	1.005		--	<1.9	<2.0	--	<1.9	--	<1.9
Methoxychlor	mg/kg	390	---	1,000	---	160	*	---	---	---	160		--	<9.3	<9.7	--	<9.1	--	<9.4
Toxaphene	mg/kg	0.6	89	110	240	31	*	---	---	---	0.6		--	<19	<19	--	<18	--	<19
Aroclor Organic Analytical Parameters																			
Aroclor - 1016	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.019	<0.019	--	<0.37	--	<0.019
Aroclor - 1221	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.019	<0.019	--	<0.37	--	<0.019
Aroclor - 1232	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.019	<0.019	--	<0.37	--	<0.019
Aroclor - 1242	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.019	<0.019	--	<0.37	--	<0.019
Aroclor - 1248	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.019	<0.019	--	5.7	--	0.091
Aroclor - 1254	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.019	<0.019	--	<0.37	--	<0.019
Aroclor - 1260	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.019	<0.019	--	<0.37	--	<0.019
Inorganic Analytical Parameters																			
Arsenic	mg/kg	11.3	750	61	25,000	---	*	13.0	13.0	11.3	11.3		4.5	3.3	4.0	0.92	3.0	2.1	2.6
Barium	mg/kg	5,500	690,000	14,000	870,000	---	*	110	110	122	1,500		17	120	150	9.9	35	41	41
Cadmium	mg/kg	78	1,800	200	59,000	---	*	0.6	0.6	0.5	5.2		0.073	0.15	0.24	<0.21	0.21	<0.22	0.31
Chromium	mg/kg	230	270	4,100	690	---	*	16.2	16.2	13	21		39	19	17	6.6	27	14	35
Lead	mg/kg	400	---	700	---	---	*	36	36	20.9	107		16	8.3	8.7	2.2	66	5.1	260
Mercury	mg/kg	23	10	61	0.1	---	*	0.06	0.06	0.05	0.89		0.022	0.029	0.040	0.013	0.023	0.021	0.037
Selenium	mg/kg	390	---	1,000	---	---	*	0.48	0.48	0.37	1.3		1.8	<1.1	<1.1	<1.0	<0.98	<1.1	<1.1
Silver	mg/kg	390	---	1,000	---	---	*	0.55	0.55	0.5	4.4		4.1	0.82	2.0	<0.52	1.6	0.93	2.0
Antimony	mg/kg	31	---	82	---	---	*	4.0	4.0	3.3	5.0		<2.2	<2.2	<2.2	<2.1	1.2	<2.2	1.2
Beryllium	mg/kg	160	1300	410	44,000	---	*	0.59	0.59	0.56	22		0.40	0.53	0.52	0.33	<0.39	0.69	<0.44
Cobalt	mg/kg	4,700	---	12,000	---	---	*	8.9	8.9	8.9	20		28	7.3	7.6	3.6	1.8	4.7	1.9
Copper	mg/kg	2,900	---	8,200	---	---	*	19.6	19.6	12	2,900		4.2	14	14	15	37	10	39

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B14 (5-8)	5-B15 (1-5)	5-B15 (1-5)D	5-B15 (5-12)	5-B16 (1-5)	5-B16 (5-9)	5-B17 (1-5)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	5-8	1-5	1-5	5-12	1-5	5-9	1-5
												Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
												pH	6.3	7.5	7.4	6.6	7.7	6.6	7.2
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	2.5	*ND	*ND
												Classification	(a)(5)	(a)(2)	(a)(5)	Unrestricted	(a)(5)	(a)(2)	(a)(1)
Cyanide	mg/kg	1,600	---	4,100	---	---	*	0.51	0.51	0.5	40		0.28	<0.27	<0.27	<0.26	<0.25	<0.28	0.16
Iron	mg/kg	---	---	---	---	---	*	15,900	15,900	15,000	15,000		51000	14000	13000	1900	18000	6600	25000
Magnesium	mg/kg	325,000	---	730,000	---	---	*	4,820	4,820	2,700	---		320	2200	1800	340	2600	1300	2400
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	*	636	636	630	630		2100	460	990	47	730	150	950
Nickel	mg/kg	1,600	13,000	4,100	440,000	---	*	18	18	13	100		34	18	17	5.2	18	9.7	24
Thallium	mg/kg	6.3	---	160	---	---	*	0.32	0.32	0.42	2.6		3.2	0.90	1.8	<1.0	1.6	<1.1	1.9
Vanadium	mg/kg	550	---	1,400	---	---	*	25.2	25.2	25	550		28	30	28	4.7	4.1	15	3.3
Zinc	mg/kg	23,000	---	61,000	---	---	*	95.0	95.0	60.2	5,100		17	43	43	2.3	56	15	110
TCLP																			
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Chromium	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		0.0019	--	--	--	0.0067	--	0.0036
Lead	mg/L	---	---	---	---	0.0075	---	---	---	---	0.0075		--	--	--	--	--	--	0.44
Selenium	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		<0.010	--	--	--	--	--	--
Silver	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	---	0.006		--	--	--	--	--	--	--
Cobalt	mg/L	---	---	---	---	1.0	---	---	---	---	1.0		<0.0050	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	---	5.0		<0.20	<0.20	0.39	0.10	9.1	0.19	30
Manganese	mg/L	---	---	---	---	0.15	---	---	---	---	0.15		0.063	8.1	1.2	0.89	3.5	2.3	5.7
Nickel	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	--	--	--	--
Thallium	mg/L	---	---	---	---	0.002	---	---	---	---	0.002		<0.0020	--	--	--	--	--	--
Inorganic Analytical Parameters (SPLP)																			
Antimony	mg/L	---	---	---	---	0.006	*	---	---	---	0.006		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	*	---	---	---	5.0		--	--	--	--	2.3	--	3.2
Lead	mg/L	---	---	---	---	0.0075	*	---	---	---	0.0075		--	--	--	--	--	--	0.024
Manganese	mg/L	---	---	---	---	0.15	*	---	---	---	0.15		--	1.3	1.4	0.081	0.029	0.70	0.071
Mismatched CAS Numbers																			
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---		6.3	7.5	7.5	5.1	11	6.8	3.8

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B17 (5-12)	5-B18 (1-5)	5-B18 (5-12)	5-B19 (1-5)	5-B19 (5-12)	5-B20 (1-5)	5-B20 (1-5)D
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	5-12	1-5	5-12	1-5	5-12	1-5	1-5
												Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
												pH	7.1	7.3	6.5	6.9	6.8	7.1	7.5
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(2)	(a)(5)	(a)(2)	(a)(2)	(a)(2)	(a)(2)	(a)(2)
Volatile Organic Analytical Parameters																			
Benzene	mg/kg	12	0.8	2,300	2.2	0.03	*	---	---	---	0.03		0.0015	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
Toluene	mg/kg	16,000	650	410,000	42	12	*	---	---	---	12		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
Ethylbenzene	mg/kg	7,800	400	20,000	58	13	*	---	---	---	13		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
Xylenes (total)	mg/kg	16,000	320	41,000	5.6	150	*	---	---	---	5.6		<0.0027	<0.0039	<0.0037	<0.0035	<0.0039	<0.0028	<0.0030
Methyl Tertiary-Butyl Ether	mg/kg	780	8,800	2,000	140	0.32	*	---	---	---	0.32		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
Acetone	mg/kg	70,000	100,000	---	100,000	25	*	---	---	---	25		<0.013	0.029	0.019	0.014	0.011	0.010	<0.015
Bromodichloromethane	mg/kg	10	3,000	2,000	3,000	0.6	*	---	---	---	0.6		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
Bromoform	mg/kg	81	53	16,000	140	0.8	*	---	---	---	0.8		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
Bromomethane	mg/kg	110	10	1,000	3.9	0.2	*	---	---	---	0.2		<0.0033	<0.0049	<0.0046	<0.0044	<0.0049	<0.0035	<0.0038
2-Butanone	mg/kg	---	---	---	---	---	*	---	---	---	17		<0.0033	0.0053	<0.0046	<0.0044	<0.0049	0.0024	<0.0038
Carbon Disulfide	mg/kg	7,800	720	20,000	9.0	32	*	---	---	---	9.0		<0.0033	<0.0049	<0.0046	<0.0044	<0.0049	<0.0035	<0.0038
Carbon Tetrachloride	mg/kg	5.0	0.3	410	0.9	0.07	*	---	---	---	0.07		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
Chlorobenzene	mg/kg	1,600	130	4,100	1.3	1.0	*	---	---	---	1.0		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
Chloroethane	mg/kg	---	---	---	---	---	*	---	---	---	15		<0.0033	<0.0049	<0.0046	<0.0044	<0.0049	<0.0035	<0.0038
Chloroform	mg/kg	100	0.3	2,000	0.76	0.6	*	---	---	---	0.3		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
Chloromethane	mg/kg	---	---	---	---	---	*	---	---	---	0.14		<0.0033	<0.0049	<0.0046	<0.0044	<0.0049	<0.0035	<0.0038
cis-1,2-Dichloroethene	mg/kg	780	1,200	20,000	1,200	0.4	*	---	---	---	0.4		<0.0013	<0.0019	<0.0018	0.00092	<0.0020	<0.0014	<0.0015
Dibromochloromethane	mg/kg	1,600	1,300	41,000	1,300	0.4	*	---	---	---	0.4		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
1,1-Dichloroethane	mg/kg	7,800	1,300	200,000	130	23	*	---	---	---	23		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
1,2-Dichloroethane	mg/kg	7.0	0.4	1,400	0.99	0.02	*	---	---	---	0.02		<0.0033	<0.0049	<0.0046	<0.0044	<0.0049	<0.0035	<0.0038
1,1-Dichloroethene	mg/kg	3,900	290	10,000	3.0	0.06	*	---	---	---	0.06		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
1,2-Dichloropropane	mg/kg	9.0	15	1,800	0.5	0.03	*	---	---	---	0.03		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
1,3-Dichloropropene (cis+trans)	mg/kg	6.4	1.1	1,200	0.39	0.005	0.005	---	---	---	0.005		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
2-Hexanone	mg/kg	---	---	---	---	---	*	---	---	---	0.72		<0.0033	<0.0049	<0.0046	<0.0044	<0.0049	<0.0035	<0.0038
4-Methyl-2-pentanone	mg/kg	---	---	---	---	---	*	---	---	---	2.5		<0.0033	<0.0049	<0.0046	<0.0044	<0.0049	<0.0035	<0.0038
Methylene Chloride	mg/kg	85	13	12,000	34	0.02	*	---	---	---	0.02		<0.0033	<0.0049	<0.0046	<0.0044	<0.0049	<0.0035	<0.0038
Styrene	mg/kg	16,000	1,500	41,000	430	4.0	*	---	---	---	4.0		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
1,1,2,2-Tetrachloroethane	mg/kg	---	---	---	---	---	*	---	---	---	3.3		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
Tetrachloroethene	mg/kg	12	11	2,400	28	0.06	*	---	---	---	0.06		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
trans-1,2-Dichloroethene	mg/kg	1,600	3,100	41,000	3,100	0.7	*	---	---	---	0.7		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
Trichloroethene	mg/kg	58	5.0	1,200	12	0.06	*	---	---	---	0.06		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
1,1,1-Trichloroethane	mg/kg	---	1,200	---	1,200	2.0	*	---	---	---	2.0		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
1,1,2-Trichloroethane	mg/kg	310	1,800	8,200	1,800	0.02	*	---	---	---	0.02		<0.0013	<0.0019	<0.0018	<0.0018	<0.0020	<0.0014	<0.0015
Vinyl Chloride	mg/kg	0.46	0.28	170	1.1	0.01	*	---	---	---	0.01		<0.0013	<0.0019	<0.0018	0.00076	<0.0020	0.00058	<0.0015
Semivolatile Organic Analytical Parameters																			
Acenaphthene	mg/kg	4,700	---	120,000	---	570	*	0.94	0.13	0.04	570		<0.036	0.050	<0.041	<0.036	<0.044	<0.036	<0.036
Acenaphthylene	mg/kg	---	---	---	---	---	*	0.25	0.07	0.04	85		<0.036	0.019	<0.041	<0.036	<0.044	<0.036	<0.036
Anthracene	mg/kg	23,000	---	610,000	---	12,000	*	2.6	0.40	0.14	12,000		<0.036	0.081	<0.041	0.010	<0.044	<0.036	<0.036
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	*	11	1.8	0.72	0.9		<0.036	0.13	<0.041	0.023	<0.044	<0.036	<0.036
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	*	11	2.1	0.98	0.09		<0.036	0.091	<0.041	<0.036	<0.044	<0.036	<0.036
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	*	13	2.1	0.70	0.9		<0.036	0.16	<0.041	<0.036	<0.044	<0.036	<0.036
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	*	4.4	1.7	0.84	2,300		<0.036	0.093	<0.041	<0.036	<0.044	<0.036	<0.036
Benzo(k)fluoranthene	mg/kg	9.0	---	1700	---	49	*	8.1	1.7	0.63	9.0		<0.036	0.055	<0.041	<0.036	<0.044	<0.036	<0.036
Chrysene	mg/kg	88	---	17000	---	160	*	11	2.7	1.1	88		<0.036	0.19	<0.041	0.032	<0.044	<0.036	<0.036
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	*	1.0	0.42	0.15	0.09		<0.036	<0.036	<0.041	<0.036	<0.044	<0.036	<0.036
Fluoranthene	mg/kg	3,100	---	82,000	---	4,300	*	28	4.1	1.8	3,100		<0.036	0.31	<0.041	0.043	<0.044	<0.036	<0.036

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B17 (5-12)	5-B18 (1-5)	5-B18 (5-12)	5-B19 (1-5)	5-B19 (5-12)	5-B20 (1-5)	5-B20 (1-5)D
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	5-12	1-5	5-12	1-5	5-12	1-5	1-5
												Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		pH	7.1	7.3	6.5	6.9	6.8	7.1	7.5
												PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(2)	(a)(5)	(a)(2)	(a)(2)	(a)(2)	(a)(2)	(a)(2)
Fluorene	mg/kg	3,100	---	82,000	---	560	*	1.1	0.18	0.04	560		<0.036	0.095	<0.041	<0.036	<0.044	<0.036	<0.036
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	*	5.8	1.6	0.51	0.9		<0.036	0.047	<0.041	<0.036	<0.044	<0.036	<0.036
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	*	0.26	0.20	0.17	1.8		<0.036	0.25	<0.041	0.032	<0.044	<0.036	<0.036
Phenanthrene	mg/kg	---	---	---	---	---	*	15	2.5	0.99	200		<0.036	0.54	<0.041	0.065	<0.044	<0.036	0.0087
Pyrene	mg/kg	2,300	---	61,000	---	4,200	*	18	3.0	1.2	2,300		<0.036	0.33	<0.041	0.049	<0.044	<0.036	<0.036
Bis(2-Chloroethoxy)methane	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
Bis(2-Chloroethyl)ether	mg/kg	0.66	0.66	75	0.66	0.66	0.66	---	---	---	0.66		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
Bis(2-Ethylhexyl)phthalate	mg/kg	46	31,000	4,100	31,000	3,600	*	---	---	---	46		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
4-Bromophenyl-phenyl ether	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
Butyl benzyl phthalate	mg/kg	16,000	930	410,000	930	930	*	---	---	---	930		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	---	0.6		<0.18	0.030	<0.21	<0.18	<0.22	<0.18	<0.18
4-Chloroaniline	mg/kg	310	---	820	---	0.7	*	---	---	---	0.7		<0.73	<0.73	<0.83	<0.74	<0.89	<0.74	<0.73
2-Chloronaphthalene	mg/kg	---	---	---	---	---	*	---	---	---	49		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
4-Chloro-3-methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	24		<0.36	<0.36	<0.41	<0.36	<0.44	<0.36	<0.36
2-Chlorophenol	mg/kg	390	53,000	10,000	53,000	4.0	*	---	---	---	1.5		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
4-Chlorophenyl-phenyl ether	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
Dibenzofuran	mg/kg	---	---	---	---	---	*	---	---	---	6.1		<0.18	0.092	<0.21	0.013	<0.22	<0.18	<0.18
1,2-Dichlorobenzene	mg/kg	7,000	560	18,000	310	17	*	---	---	---	17		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
1,3-Dichlorobenzene	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
1,4-Dichlorobenzene	mg/kg	---	11,000	---	340	2.0	*	---	---	---	2.0		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
3,3'-Dichlorobenzidine	mg/kg	1.3	---	280	---	1.3	1.3	---	---	---	1.3		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
2,4-Dichlorophenol	mg/kg	230	---	610	---	1.0	*	---	---	---	0.48		<0.36	<0.36	<0.41	<0.36	<0.44	<0.36	<0.36
Diethyl phthalate	mg/kg	63,000	2,000	1,000,000	2,000	470	*	---	---	---	470		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
Dimethyl phthalate	mg/kg	---	---	---	---	---	*	---	---	---	380		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
Di-n-butylphthalate	mg/kg	7,800	2,300	200,000	2,300	2,300	*	---	---	---	2,300		<0.18	0.026	<0.21	<0.18	<0.22	<0.18	<0.18
2,4-Dimethylphenol	mg/kg	1,600	---	41,000	---	9.0	*	---	---	---	9.0		<0.36	0.27	<0.41	<0.36	<0.44	<0.36	<0.36
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	7.80		<0.73	<0.73	<0.83	<0.74	<0.89	<0.74	<0.73
2,4-Dinitrophenol	mg/kg	160	---	410	---	3.3	3.3	---	---	---	3.30		<0.73	<0.73	<0.83	<0.74	<0.89	<0.74	<0.73
2,4-Dinitrotoluene	mg/kg	0.9	---	180	---	0.25	0.25	---	---	---	0.25		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
2,6-Dinitrotoluene	mg/kg	0.9	---	180	---	0.26	0.26	---	---	---	0.26		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
Di-n-octylphthalate	mg/kg	1,600	10,000	4,100	10,000	10,000	*	---	---	---	1,600		<0.36	<0.36	<0.41	<0.36	<0.44	<0.36	<0.36
Hexachlorobenzene	mg/kg	0.4	1.0	78	2.6	2.0	*	---	---	---	0.4		<0.073	<0.073	<0.083	<0.074	<0.089	<0.074	<0.073
Hexachlorobutadiene	mg/kg	---	---	---	---	---	*	---	---	---	2.9		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
Hexachlorocyclopentadiene	mg/kg	550	10	14,000	1.1	400	*	---	---	---	1.1		<0.73	<0.73	<0.83	<0.74	<0.89	<0.74	<0.73
Hexachloroethane	mg/kg	78	---	2,000	---	0.5	*	---	---	---	0.5		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
Isophorone	mg/kg	15,600	4,600	410,000	4,600	8.0	*	---	---	---	8.0		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
2-Methylnaphthalene	mg/kg	---	---	---	---	---	*	---	0.14	0.29	7.2		<0.073	0.32	<0.083	0.043	<0.089	<0.074	<0.073
2-Methylphenol	mg/kg	3900	---	100,000	---	15	*	---	---	---	15		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
4-Methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.18	0.057	<0.21	<0.18	<0.22	<0.18	<0.18
2-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.14		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
3-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.01		<0.36	<0.36	<0.41	<0.36	<0.44	<0.36	<0.36
4-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.1		<0.36	<0.36	<0.41	<0.36	<0.44	<0.36	<0.36
Nitrobenzene	mg/kg	39	92	1,000	9.4	0.26	0.26	---	---	---	0.26		<0.036	<0.036	<0.041	<0.036	<0.044	<0.036	<0.036
2-Nitrophenol	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.36	<0.36	<0.41	<0.36	<0.44	<0.36	<0.36
4-Nitrophenol	mg/kg	---	---	---	---	---	*	---	---	---	630		<0.73	<0.73	<0.83	<0.74	<0.89	<0.74	<0.73
N-Nitroso-di-n-propylamine	mg/kg	0.09	---	18	---	0.0018	0.0018	---	---	---	0.00018		<0.073	<0.073	<0.083	<0.074	<0.089	<0.074	<0.073
N-Nitrosodiphenylamine	mg/kg	130	---	4,100	1.8	1.0	*	---	---	---	1.0		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
2,2'-oxybis (1-chloropropane)	mg/kg	---	---	---	---	---	*	---	---	---	2.4		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
Pentachlorophenol	mg/kg	3.0	---	520	---	0.03	*	---	---	---	0.02		<0.73	<0.73	<0.83	<0.74	<0.89	<0.74	<0.73

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B17 (5-12)	5-B18 (1-5)	5-B18 (5-12)	5-B19 (1-5)	5-B19 (5-12)	5-B20 (1-5)	5-B20 (1-5)D
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	5-12	1-5	5-12	1-5	5-12	1-5	1-5
												Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
												pH	7.1	7.3	6.5	6.9	6.8	7.1	7.5
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(2)	(a)(5)	(a)(2)	(a)(2)	(a)(2)	(a)(2)	(a)(2)
Phenol	mg/kg	23,000	---	61,000	---	100	*	---	---	---	100		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
1,2,4-Trichlorobenzene	mg/kg	780	3,200	2,000	920	5.0	*	---	---	---	5.0		<0.18	<0.18	<0.21	<0.18	<0.22	<0.18	<0.18
2,4,5-Trichlorophenol	mg/kg	7,800	---	200,000	---	270	*	---	---	---	26		<0.36	<0.36	<0.41	<0.36	<0.44	<0.36	<0.36
2,4,6-Trichlorophenol	mg/kg	58	200	11,000	540	0.66	0.66	---	---	---	0.66		<0.36	<0.36	<0.41	<0.36	<0.44	<0.36	<0.36
Pesticide Organic Analytical Parameters																			
Aldrin	mg/kg	0.94	3.0	6.1	9.3	0.94	0.94	---	---	---	0.94		--	<1.8	--	<1.9	--	<1.8	<1.9
alpha-BHC	mg/kg	0.1	0.8	20	2.1	0.0074	0.0074	---	---	---	0.0074		--	<1.8	--	<1.9	--	<1.8	<1.9
alpha-Chlordane	mg/kg	---	---	---	---	---	*	---	---	---	1.8		--	<1.8	--	<1.9	--	<1.8	<1.9
beta-BHC	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<1.8	--	<1.9	--	<1.8	<1.9
delta-BHC	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<1.8	--	<1.9	--	<1.8	<1.9
Dieldrin	mg/kg	0.603	1.0	7.8	3.1	0.603	0.603	---	---	---	0.603		--	<1.8	--	<1.9	--	<1.8	<1.9
4,4'-DDD	mg/kg	3	---	520	---	16	*	---	---	---	3.0		--	<1.8	--	<1.9	--	<1.8	<1.9
4,4'-DDE	mg/kg	2	---	370	---	54	*	---	---	---	2.0		--	<1.8	--	<1.9	--	<1.8	<1.9
4,4'-DDT	mg/kg	2	---	100	2,100	32	*	---	---	---	2.0		--	<1.8	--	<1.9	--	<1.8	<1.9
Endosulfan I	mg/kg	---	---	---	---	---	---	---	---	---	18		--	<1.8	--	<1.9	--	<1.8	<1.9
Endosulfan II	mg/kg	---	---	---	---	---	---	---	---	---	18		--	<1.8	--	<1.9	--	<1.8	<1.9
Endosulfan sulfate	mg/kg	---	---	---	---	---	---	---	---	---	18		--	<1.8	--	<1.9	--	<1.8	<1.9
Endrin	mg/kg	23	---	61	---	1.0	*	---	---	---	1.0		--	<1.8	--	<1.9	--	<1.8	<1.9
Endrin aldehyde	mg/kg	---	---	---	---	---	*	---	---	---	1.0		--	<8.8	--	<9.4	--	<1.8	<9.5
Endrin ketone	mg/kg	---	---	---	---	---	*	---	---	---	1.0		--	<1.8	--	<1.9	--	<1.8	<1.9
gamma-BHC	mg/kg	0.5	---	96	---	0.009	*	---	---	---	0.009		--	<1.8	--	<1.9	--	<1.8	<1.9
Heptachlor	mg/kg	0.871	0.871	28	16	23	0.871	---	---	---	0.871		--	<1.8	--	<1.9	--	<1.8	<1.9
Heptachlor epoxide	mg/kg	1.005	5.0	2.7	13	1.005	1.005	---	---	---	1.005		--	<1.8	--	<1.9	--	<1.8	<1.9
Methoxychlor	mg/kg	390	---	1,000	---	160	*	---	---	---	160		--	<8.6	--	<9.2	--	<8.9	<9.3
Toxaphene	mg/kg	0.6	89	110	240	31	*	---	---	---	0.6		--	<17	--	<19	--	<18	<19
Aroclor Organic Analytical Parameters																			
Aroclor - 1016	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.087	--	<0.019	--	<0.018	<0.019
Aroclor - 1221	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.087	--	<0.019	--	<0.018	<0.019
Aroclor - 1232	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.087	--	<0.019	--	<0.018	<0.019
Aroclor - 1242	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.087	--	<0.019	--	<0.018	<0.019
Aroclor - 1248	mg/kg	---	---	---	---	---	*	---	---	---	---		--	1.0	--	0.051	--	<0.018	0.030
Aroclor - 1254	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.087	--	<0.019	--	<0.018	<0.019
Aroclor - 1260	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.087	--	<0.019	--	<0.018	<0.019
Inorganic Analytical Parameters																			
Arsenic	mg/kg	11.3	750	61	25,000	---	*	13.0	13.0	11.3	11.3		0.83	2.7	2.7	4.8	6.7	2.6	3.5
Barium	mg/kg	5,500	690,000	14,000	870,000	---	*	110	110	122	1,500		9.8	50	120	83	110	62	85
Cadmium	mg/kg	78	1,800	200	59,000	---	*	0.6	0.6	0.5	5.2		<0.22	0.41	0.18	0.13	0.16	0.18	0.074
Chromium	mg/kg	230	270	4,100	690	---	*	16.2	16.2	13	21		3.3	30	22	23	25	12	24
Lead	mg/kg	400	---	700	---	---	*	36	36	20.9	107		2.0	470	10	16	15	13	8.4
Mercury	mg/kg	23	10	61	0.1	---	*	0.06	0.06	0.05	0.89		0.012	0.035	0.037	0.051	0.051	0.034	0.024
Selenium	mg/kg	390	---	1,000	---	---	*	0.48	0.48	0.37	1.3		<1.1	<1.0	<1.2	<1.1	<1.2	<1.1	<1.0
Silver	mg/kg	390	---	1,000	---	---	*	0.55	0.55	0.5	4.4		<0.54	2.7	<0.61	0.79	0.47	0.47	0.55
Antimony	mg/kg	31	---	82	---	---	*	4.0	4.0	3.3	5.0		<2.2	0.97	<2.4	<2.3	<2.3	<2.2	<2.1
Beryllium	mg/kg	160	1300	410	44,000	---	*	0.59	0.59	0.56	22		<0.44	0.12	0.61	0.40	0.61	0.28	0.39
Cobalt	mg/kg	4,700	---	12,000	---	---	*	8.9	8.9	8.9	20		2.7	2.1	7.3	8.5	13	5.7	8.6
Copper	mg/kg	2,900	---	8,200	---	---	*	19.6	19.6	12	2,900		3.2	33	12	22	7.3	8.0	20

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B17 (5-12)	5-B18 (1-5)	5-B18 (5-12)	5-B19 (1-5)	5-B19 (5-12)	5-B20 (1-5)	5-B20 (1-5)D
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	5-12	1-5	5-12	1-5	5-12	1-5	1-5
												Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		pH	7.1	7.3	6.5	6.9	6.8	7.1	7.5
												PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(2)	(a)(5)	(a)(2)	(a)(2)	(a)(2)	(a)(2)	(a)(2)
Cyanide	mg/kg	1,600	---	4,100	---	---	*	0.51	0.51	0.5	40		<0.24	<0.25	<0.30	<0.28	<0.32	<0.24	<0.27
Iron	mg/kg	---	---	---	---	---	*	15,900	15,900	15,000	15,000		1500	21000	15000	18000	35000	8100	18000
Magnesium	mg/kg	325,000	---	730,000	---	---	*	4,820	4,820	2,700	---		200	3800	2400	3400	4300	1400	3200
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	*	636	636	630	630		27	1200	120	420	240	270	330
Nickel	mg/kg	1,600	13,000	4,100	440,000	---	*	18	18	13	100		4.3	23	18	21	24	9.3	18
Thallium	mg/kg	6.3	---	160	---	---	*	0.32	0.32	0.42	2.6		<1.1	2.2	<1.2	0.89	<1.2	0.82	0.87
Vanadium	mg/kg	550	---	1,400	---	---	*	25.2	25.2	25	550		3.0	4.6	30	46	58	20	48
Zinc	mg/kg	23,000	---	61,000	---	---	*	95.0	95.0	60.2	5,100		7.5	150	44	53	72	31	34
TCLP																			
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Chromium	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	<0.010	<0.010	0.0023	<0.010	--	<0.010
Lead	mg/L	---	---	---	---	0.0075	---	---	---	---	0.0075		--	0.10	--	--	--	--	--
Selenium	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Silver	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	---	0.006		--	--	--	--	--	--	--
Cobalt	mg/L	---	---	---	---	1.0	---	---	---	---	1.0		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	---	5.0		0.66	0.22	1.1	9.1	0.18	0.24	0.48
Manganese	mg/L	---	---	---	---	0.15	---	---	---	---	0.15		1.2	2.0	0.70	8.2	2.1	6.2	3.0
Nickel	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	--	--	--	--
Thallium	mg/L	---	---	---	---	0.002	---	---	---	---	0.002		--	--	--	--	--	--	--
Inorganic Analytical Parameters (SPLP)																			
Antimony	mg/L	---	---	---	---	0.006	*	---	---	---	0.006		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	*	---	---	---	5.0		--	--	--	110	--	--	--
Lead	mg/L	---	---	---	---	0.0075	*	---	---	---	0.0075		--	0.039	--	--	--	--	--
Manganese	mg/L	---	---	---	---	0.15	*	---	---	---	0.15		0.38	0.026	0.18	1.6	0.28	0.68	0.76
Mismatched CAS Numbers																			
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---		3.2	6.3	4.7	6.8	6.7	4.1	5.6

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B20 (5-12)	5-B21 (1-5)	5-B21 (5-12)	5-B22 (1-5)	5-B22 (5-12)	5-B23 (1-5)	5-B23 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	5-12	1-5	5-12	1-5	5-12	1-5	5-12
												Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-23	2025-05-23
												pH	6.9	7.4	6.5	7.1	6.4	7.9	7.0
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	Unrestricted	(a)(1)	Unrestricted	(a)(5)	Unrestricted	(a)(5)	(a)(2)
Volatile Organic Analytical Parameters																			
Benzene	mg/kg	12	0.8	2,300	2.2	0.03	*	---	---	---	0.03		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
Toluene	mg/kg	16,000	650	410,000	42	12	*	---	---	---	12		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
Ethylbenzene	mg/kg	7,800	400	20,000	58	13	*	---	---	---	13		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
Xylenes (total)	mg/kg	16,000	320	41,000	5.6	150	*	---	---	---	5.6		<0.0034	<0.0022	<0.0034	<0.0038	<0.0036	<0.0024	<0.0031
Methyl Tertiary-Butyl Ether	mg/kg	780	8,800	2,000	140	0.32	*	---	---	---	0.32		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
Acetone	mg/kg	70,000	100,000	---	100,000	25	*	---	---	---	25		0.016	0.0053	0.029	<0.019	0.025	0.0082	0.012
Bromodichloromethane	mg/kg	10	3,000	2,000	3,000	0.6	*	---	---	---	0.6		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
Bromoform	mg/kg	81	53	16,000	140	0.8	*	---	---	---	0.8		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
Bromomethane	mg/kg	110	10	1,000	3.9	0.2	*	---	---	---	0.2		<0.0042	<0.0028	<0.0043	<0.0047	<0.0045	<0.0030	<0.0039
2-Butanone	mg/kg	---	---	---	---	---	*	---	---	---	17		0.0033	<0.0028	0.0083	<0.0047	0.0062	<0.0030	0.0018
Carbon Disulfide	mg/kg	7,800	720	20,000	9.0	32	*	---	---	---	9.0		<0.0042	0.0017	<0.0043	<0.0047	<0.0045	<0.0030	<0.0039
Carbon Tetrachloride	mg/kg	5.0	0.3	410	0.9	0.07	*	---	---	---	0.07		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
Chlorobenzene	mg/kg	1,600	130	4,100	1.3	1.0	*	---	---	---	1.0		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
Chloroethane	mg/kg	---	---	---	---	---	*	---	---	---	15		<0.0042	<0.0028	<0.0043	<0.0047	<0.0045	<0.0030	<0.0039
Chloroform	mg/kg	100	0.3	2,000	0.76	0.6	*	---	---	---	0.3		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
Chloromethane	mg/kg	---	---	---	---	---	*	---	---	---	0.14		<0.0042	<0.0028	<0.0043	<0.0047	<0.0045	<0.0030	<0.0039
cis-1,2-Dichloroethene	mg/kg	780	1,200	20,000	1,200	0.4	*	---	---	---	0.4		<0.0017	0.074	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
Dibromochloromethane	mg/kg	1,600	1,300	41,000	1,300	0.4	*	---	---	---	0.4		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
1,1-Dichloroethane	mg/kg	7,800	1,300	200,000	130	23	*	---	---	---	23		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
1,2-Dichloroethane	mg/kg	7.0	0.4	1,400	0.99	0.02	*	---	---	---	0.02		<0.0042	<0.0028	<0.0043	<0.0047	<0.0045	<0.0030	<0.0039
1,1-Dichloroethene	mg/kg	3,900	290	10,000	3.0	0.06	*	---	---	---	0.06		<0.0017	0.00085	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
1,2-Dichloropropane	mg/kg	9.0	15	1,800	0.5	0.03	*	---	---	---	0.03		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
1,3-Dichloropropene (cis+trans)	mg/kg	6.4	1.1	1,200	0.39	0.005	0.005	---	---	---	0.005		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
2-Hexanone	mg/kg	---	---	---	---	---	*	---	---	---	0.72		<0.0042	<0.0028	<0.0043	<0.0047	<0.0045	<0.0030	<0.0039
4-Methyl-2-pentanone	mg/kg	---	---	---	---	---	*	---	---	---	2.5		<0.0042	<0.0028	<0.0043	<0.0047	<0.0045	<0.0030	<0.0039
Methylene Chloride	mg/kg	85	13	12,000	34	0.02	*	---	---	---	0.02		<0.0042	<0.0028	<0.0043	<0.0047	<0.0045	<0.0030	<0.0039
Styrene	mg/kg	16,000	1,500	41,000	430	4.0	*	---	---	---	4.0		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
1,1,2,2-Tetrachloroethane	mg/kg	---	---	---	---	---	*	---	---	---	3.3		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
Tetrachloroethene	mg/kg	12	11	2,400	28	0.06	*	---	---	---	0.06		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
trans-1,2-Dichloroethene	mg/kg	1,600	3,100	41,000	3,100	0.7	*	---	---	---	0.7		<0.0017	0.0027	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
Trichloroethene	mg/kg	58	5.0	1,200	12	0.06	*	---	---	---	0.06		<0.0017	0.0019	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
1,1,1-Trichloroethane	mg/kg	---	1,200	---	1,200	2.0	*	---	---	---	2.0		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
1,1,2-Trichloroethane	mg/kg	310	1,800	8,200	1,800	0.02	*	---	---	---	0.02		<0.0017	<0.0011	<0.0017	<0.0019	<0.0018	<0.0012	<0.0015
Vinyl Chloride	mg/kg	0.46	0.28	170	1.1	0.01	*	---	---	---	0.01		<0.0017	0.0038	<0.0017	<0.0019	<0.0018	0.00079	<0.0015
Semivolatile Organic Analytical Parameters																			
Acenaphthene	mg/kg	4,700	---	120,000	---	570	*	0.94	0.13	0.04	570		<0.039	0.030	<0.039	0.028	<0.045	0.24	<0.044
Acenaphthylene	mg/kg	---	---	---	---	---	*	0.25	0.07	0.04	85		<0.039	<0.037	<0.039	<0.038	<0.045	0.043	<0.044
Anthracene	mg/kg	23,000	---	610,000	---	12,000	*	2.6	0.40	0.14	12,000		<0.039	0.078	<0.039	0.050	<0.045	0.85	<0.044
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	*	11	1.8	0.72	0.9		<0.039	0.19	<0.039	0.062	<0.045	2.0	0.027
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	*	11	2.1	0.98	0.09		<0.039	0.16	<0.039	<0.038	<0.045	2.1	<0.044
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	*	13	2.1	0.70	0.9		<0.039	0.28	<0.039	0.080	<0.045	3.0	<0.044
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	*	4.4	1.7	0.84	2,300		<0.039	0.15	<0.039	0.042	<0.045	1.6	0.022
Benzo(k)fluoranthene	mg/kg	9.0	---	1700	---	49	*	8.1	1.7	0.63	9.0		<0.039	0.088	<0.039	0.027	<0.045	1.0	<0.044
Chrysene	mg/kg	88	---	17000	---	160	*	11	2.7	1.1	88		<0.039	0.29	<0.039	0.11	<0.045	2.4	0.029
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	*	1.0	0.42	0.15	0.09		<0.039	<0.037	<0.039	<0.038	<0.045	0.40	<0.044
Fluoranthene	mg/kg	3,100	---	82,000	---	4,300	*	28	4.1	1.8	3,100		<0.039	0.48	0.018	0.19	<0.045	5.4	0.042

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B20 (5-12)	5-B21 (1-5)	5-B21 (5-12)	5-B22 (1-5)	5-B22 (5-12)	5-B23 (1-5)	5-B23 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	5-12	1-5	5-12	1-5	5-12	1-5	5-12
												Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-23	2025-05-23
												pH	6.9	7.4	6.5	7.1	6.4	7.9	7.0
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	Unrestricted	(a)(1)	Unrestricted	(a)(5)	Unrestricted	(a)(5)	(a)(2)
Fluorene	mg/kg	3,100	---	82,000	---	560	*	1.1	0.18	0.04	560		<0.039	0.048	<0.039	0.063	<0.045	0.30	<0.044
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	*	5.8	1.6	0.51	0.9		<0.039	0.13	<0.039	<0.038	<0.045	1.6	<0.044
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	*	0.26	0.20	0.17	1.8		<0.039	0.20	<0.039	0.24	<0.045	0.21	0.038
Phenanthrene	mg/kg	---	---	---	---	---	*	15	2.5	0.99	200		<0.039	0.62	0.012	0.34	<0.045	2.8	0.057
Pyrene	mg/kg	2,300	---	61,000	---	4,200	*	18	3.0	1.2	2,300		<0.039	0.38	0.013	0.22	<0.045	4.1	0.040
Bis(2-Chloroethoxy)methane	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
Bis(2-Chloroethyl)ether	mg/kg	0.66	0.66	75	0.66	0.66	0.66	---	---	---	0.66		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
Bis(2-Ethylhexyl)phthalate	mg/kg	46	31,000	4,100	31,000	3,600	*	---	---	---	46		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
4-Bromophenyl-phenyl ether	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
Butyl benzyl phthalate	mg/kg	16,000	930	410,000	930	930	*	---	---	---	930		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	---	0.6		<0.19	0.039	<0.20	<0.19	<0.23	0.22	<0.22
4-Chloroaniline	mg/kg	310	---	820	---	0.7	*	---	---	---	0.7		<0.78	<0.76	<0.79	<0.78	<0.91	<1.5	<0.89
2-Chloronaphthalene	mg/kg	---	---	---	---	---	*	---	---	---	49		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
4-Chloro-3-methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	24		<0.39	<0.37	<0.39	<0.38	<0.45	<0.73	<0.44
2-Chlorophenol	mg/kg	390	53,000	10,000	53,000	4.0	*	---	---	---	1.5		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
4-Chlorophenyl-phenyl ether	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
Dibenzofuran	mg/kg	---	---	---	---	---	*	---	---	---	6.1		<0.19	0.11	<0.20	0.10	<0.23	0.21	<0.22
1,2-Dichlorobenzene	mg/kg	7,000	560	18,000	310	17	*	---	---	---	17		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
1,3-Dichlorobenzene	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
1,4-Dichlorobenzene	mg/kg	---	11,000	---	340	2.0	*	---	---	---	2.0		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
3,3'-Dichlorobenzidine	mg/kg	1.3	---	280	---	1.3	1.3	---	---	---	1.3		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
2,4-Dichlorophenol	mg/kg	230	---	610	---	1.0	*	---	---	---	0.48		<0.39	<0.37	<0.39	<0.38	<0.45	<0.73	<0.44
Diethyl phthalate	mg/kg	63,000	2,000	1,000,000	2,000	470	*	---	---	---	470		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
Dimethyl phthalate	mg/kg	---	---	---	---	---	*	---	---	---	380		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
Di-n-butylphthalate	mg/kg	7,800	2,300	200,000	2,300	2,300	*	---	---	---	2,300		<0.19	0.024	<0.20	<0.19	<0.23	<0.37	<0.22
2,4-Dimethylphenol	mg/kg	1,600	---	41,000	---	9.0	*	---	---	---	9.0		<0.39	<0.37	<0.39	<0.38	<0.45	<0.73	<0.44
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	7.80		<0.78	<0.76	<0.79	<0.78	<0.91	<1.5	<0.89
2,4-Dinitrophenol	mg/kg	160	---	410	---	3.3	3.3	---	---	---	3.30		<0.78	<0.76	<0.79	<0.78	<0.91	<1.5	<0.89
2,4-Dinitrotoluene	mg/kg	0.9	---	180	---	0.25	0.25	---	---	---	0.25		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
2,6-Dinitrotoluene	mg/kg	0.9	---	180	---	0.26	0.26	---	---	---	0.26		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
Di-n-octylphthalate	mg/kg	1,600	10,000	4,100	10,000	10,000	*	---	---	---	1,600		<0.39	<0.37	<0.39	<0.38	<0.45	<0.73	<0.44
Hexachlorobenzene	mg/kg	0.4	1.0	78	2.6	2.0	*	---	---	---	0.4		<0.078	<0.076	<0.079	<0.078	<0.091	<0.15	<0.089
Hexachlorobutadiene	mg/kg	---	---	---	---	---	*	---	---	---	2.9		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
Hexachlorocyclopentadiene	mg/kg	550	10	14,000	1.1	400	*	---	---	---	1.1		<0.78	<0.76	<0.79	<0.78	<0.91	<1.5	<0.89
Hexachloroethane	mg/kg	78	---	2,000	---	0.5	*	---	---	---	0.5		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
Isophorone	mg/kg	15,600	4,600	410,000	4,600	8.0	*	---	---	---	8.0		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
2-Methylnaphthalene	mg/kg	---	---	---	---	---	*	---	0.14	0.29	7.2		<0.078	0.32	<0.079	0.35	<0.091	0.23	0.046
2-Methylphenol	mg/kg	3900	---	100,000	---	15	*	---	---	---	15		<0.19	<0.19	<0.20	0.023	<0.23	<0.37	<0.22
4-Methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.19	<0.19	<0.20	0.049	<0.23	<0.37	<0.22
2-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.14		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
3-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.01		<0.39	<0.37	<0.39	<0.38	<0.45	<0.73	<0.44
4-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.1		<0.39	<0.37	<0.39	<0.38	<0.45	<0.73	<0.44
Nitrobenzene	mg/kg	39	92	1,000	9.4	0.26	0.26	---	---	---	0.26		<0.039	<0.037	<0.039	<0.038	<0.045	<0.073	<0.044
2-Nitrophenol	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.39	<0.37	<0.39	<0.38	<0.45	<0.73	<0.44
4-Nitrophenol	mg/kg	---	---	---	---	---	*	---	---	---	630		<0.78	<0.76	<0.79	<0.78	<0.91	<1.5	<0.89
N-Nitroso-di-n-propylamine	mg/kg	0.09	---	18	---	0.0018	0.0018	---	---	---	0.00018		<0.078	<0.076	<0.079	<0.078	<0.091	<0.15	<0.089
N-Nitrosodiphenylamine	mg/kg	130	---	4,100	1.8	1.0	*	---	---	---	1.0		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
2,2'-oxybis (1-chloropropane)	mg/kg	---	---	---	---	---	*	---	---	---	2.4		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
Pentachlorophenol	mg/kg	3.0	---	520	---	0.03	*	---	---	---	0.02		<0.78	<0.76	<0.79	<0.78	<0.91	<1.5	<0.89

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B20 (5-12)	5-B21 (1-5)	5-B21 (5-12)	5-B22 (1-5)	5-B22 (5-12)	5-B23 (1-5)	5-B23 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	5-12	1-5	5-12	1-5	5-12	1-5	5-12
												Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-23	2025-05-23
												pH	6.9	7.4	6.5	7.1	6.4	7.9	7.0
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	Unrestricted	(a)(1)	Unrestricted	(a)(5)	Unrestricted	(a)(5)	(a)(2)
Phenol	mg/kg	23,000	---	61,000	---	100	*	---	---	---	100		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
1,2,4-Trichlorobenzene	mg/kg	780	3,200	2,000	920	5.0	*	---	---	---	5.0		<0.19	<0.19	<0.20	<0.19	<0.23	<0.37	<0.22
2,4,5-Trichlorophenol	mg/kg	7,800	---	200,000	---	270	*	---	---	---	26		<0.39	<0.37	<0.39	<0.38	<0.45	<0.73	<0.44
2,4,6-Trichlorophenol	mg/kg	58	200	11,000	540	0.66	0.66	---	---	---	0.66		<0.39	<0.37	<0.39	<0.38	<0.45	<0.73	<0.44
Pesticide Organic Analytical Parameters																			
Aldrin	mg/kg	0.94	3.0	6.1	9.3	0.94	0.94	---	---	---	0.94		--	<1.9	--	<2.0	--	<1.9	--
alpha-BHC	mg/kg	0.1	0.8	20	2.1	0.0074	0.0074	---	---	---	0.0074		--	<1.9	--	<2.0	--	<1.9	--
alpha-Chlordane	mg/kg	---	---	---	---	---	*	---	---	---	1.8		--	<1.9	--	<2.0	--	<1.9	--
beta-BHC	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<1.9	--	<2.0	--	<1.9	--
delta-BHC	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<1.9	--	<2.0	--	<1.9	--
Dieldrin	mg/kg	0.603	1.0	7.8	3.1	0.603	0.603	---	---	---	0.603		--	<1.9	--	<2.0	--	<1.9	--
4,4'-DDD	mg/kg	3	---	520	---	16	*	---	---	---	3.0		--	<1.9	--	<2.0	--	<1.9	--
4,4'-DDE	mg/kg	2	---	370	---	54	*	---	---	---	2.0		--	<1.9	--	<2.0	--	<1.9	--
4,4'-DDT	mg/kg	2	---	100	2,100	32	*	---	---	---	2.0		--	<1.9	--	<2.0	--	<1.9	--
Endosulfan I	mg/kg	---	---	---	---	---	---	---	---	---	18		--	<1.9	--	<2.0	--	<1.9	--
Endosulfan II	mg/kg	---	---	---	---	---	---	---	---	---	18		--	<1.9	--	<2.0	--	<1.9	--
Endosulfan sulfate	mg/kg	---	---	---	---	---	---	---	---	---	18		--	<1.9	--	<2.0	--	<1.9	--
Endrin	mg/kg	23	---	61	---	1.0	*	---	---	---	1.0		--	<1.9	--	<2.0	--	<1.9	--
Endrin aldehyde	mg/kg	---	---	---	---	---	*	---	---	---	1.0		--	<9.7	--	<9.9	--	<9.5	--
Endrin ketone	mg/kg	---	---	---	---	---	*	---	---	---	1.0		--	<1.9	--	<2.0	--	<1.9	--
gamma-BHC	mg/kg	0.5	---	96	---	0.009	*	---	---	---	0.009		--	<1.9	--	<2.0	--	<1.9	--
Heptachlor	mg/kg	0.871	0.871	28	16	23	0.871	---	---	---	0.871		--	<1.9	--	<2.0	--	<1.9	--
Heptachlor epoxide	mg/kg	1.005	5.0	2.7	13	1.005	1.005	---	---	---	1.005		--	<1.9	--	<2.0	--	<1.9	--
Methoxychlor	mg/kg	390	---	1,000	---	160	*	---	---	---	160		--	<9.5	--	<9.6	--	<9.3	--
Toxaphene	mg/kg	0.6	89	110	240	31	*	---	---	---	0.6		--	<19	--	<19	--	<19	--
Aroclor Organic Analytical Parameters																			
Aroclor - 1016	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.019	--	<0.019	--	<0.093	--
Aroclor - 1221	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.019	--	<0.019	--	<0.093	--
Aroclor - 1232	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.019	--	<0.019	--	<0.093	--
Aroclor - 1242	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.019	--	<0.019	--	<0.093	--
Aroclor - 1248	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.019	--	<0.019	--	<0.093	--
Aroclor - 1254	mg/kg	---	---	---	---	---	*	---	---	---	---		--	0.075	--	0.055	--	0.31	--
Aroclor - 1260	mg/kg	---	---	---	---	---	*	---	---	---	---		--	<0.019	--	<0.019	--	<0.093	--
Inorganic Analytical Parameters																			
Arsenic	mg/kg	11.3	750	61	25,000	---	*	13.0	13.0	11.3	11.3		1.6	4.0	3.0	18	1.9	5.6	2.4
Barium	mg/kg	5,500	690,000	14,000	870,000	---	*	110	110	122	1,500		80	93	93	64	120	160	140
Cadmium	mg/kg	78	1,800	200	59,000	---	*	0.6	0.6	0.5	5.2		0.15	1.7	0.33	3.5	0.34	0.98	0.36
Chromium	mg/kg	230	270	4,100	690	---	*	16.2	16.2	13	21		17	26	19	150	21	49	22
Lead	mg/kg	400	---	700	---	---	*	36	36	20.9	107		6.8	110	9.9	75	11	310	15
Mercury	mg/kg	23	10	61	0.1	---	*	0.06	0.06	0.05	0.89		0.034	0.030	0.039	0.0078	0.041	0.18	0.043
Selenium	mg/kg	390	---	1,000	---	---	*	0.48	0.48	0.37	1.3		<1.1	<1.1	<1.0	1.3	<1.4	0.73	<1.2
Silver	mg/kg	390	---	1,000	---	---	*	0.55	0.55	0.5	4.4		<0.54	<0.54	<0.51	<2.9	<0.68	0.20	<0.58
Antimony	mg/kg	31	---	82	---	---	*	4.0	4.0	3.3	5.0		<2.1	<2.2	<2.1	<2.3	<2.7	0.98	<2.3
Beryllium	mg/kg	160	1300	410	44,000	---	*	0.59	0.59	0.56	22		0.42	0.55	0.61	0.79	0.69	1.3	0.70
Cobalt	mg/kg	4,700	---	12,000	---	---	*	8.9	8.9	8.9	20		5.6	7.1	7.0	11	5.8	9.0	7.9
Copper	mg/kg	2,900	---	8,200	---	---	*	19.6	19.6	12	2,900		11	26	14	270	18	50	18

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B20 (5-12)	5-B21 (1-5)	5-B21 (5-12)	5-B22 (1-5)	5-B22 (5-12)	5-B23 (1-5)	5-B23 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	5-12	1-5	5-12	1-5	5-12	1-5	5-12
												Date Collected	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-22	2025-05-23	2025-05-23
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		pH	6.9	7.4	6.5	7.1	6.4	7.9	7.0
												PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	Unrestricted	(a)(1)	Unrestricted	(a)(5)	Unrestricted	(a)(5)	(a)(2)
Cyanide	mg/kg	1,600	---	4,100	---	---	*	0.51	0.51	0.5	40		<0.28	<0.27	<0.26	<0.26	<0.29	<0.24	<0.31
Iron	mg/kg	---	---	---	---	---	*	15,900	15,900	15,000	15,000		11000	19000	15000	83000	14000	25000	16000
Magnesium	mg/kg	325,000	---	730,000	---	---	*	4,820	4,820	2,700	---		2200	3900	2900	3700	3000	4100	3100
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	*	636	636	630	630		77	400	74	1000	120	460	260
Nickel	mg/kg	1,600	13,000	4,100	440,000	---	*	18	18	13	100		14	24	17	160	20	33	24
Thallium	mg/kg	6.3	---	160	---	---	*	0.32	0.32	0.42	2.6		<1.1	2.4	0.61	7.1	<1.4	2.8	1.7
Vanadium	mg/kg	550	---	1,400	---	---	*	25.2	25.2	25	550		22	34	33	19	35	34	33
Zinc	mg/kg	23,000	---	61,000	---	---	*	95.0	95.0	60.2	5,100		34	86	49	86	48	260	62
TCLP																			
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	<0.010	--	--	--
Chromium	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	<0.010	--	<0.010	<0.010	<0.010	<0.010
Lead	mg/L	---	---	---	---	0.0075	---	---	---	---	0.0075		--	0.068	--	--	--	0.13	--
Selenium	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	<0.010	--	--	--
Silver	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	---	0.006		--	--	--	--	--	--	--
Cobalt	mg/L	---	---	---	---	1.0	---	---	---	---	1.0		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	---	5.0		0.24	0.89	0.96	<0.20	0.32	<0.20	0.36
Manganese	mg/L	---	---	---	---	0.15	---	---	---	---	0.15		0.79	9.3	1.1	1.4	0.84	3.6	6.1
Nickel	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	0.022	--	--	--
Thallium	mg/L	---	---	---	---	0.002	---	---	---	---	0.002		--	--	--	<0.0020	--	<0.0020	--
Inorganic Analytical Parameters (SPLP)																			
Antimony	mg/L	---	---	---	---	0.006	*	---	---	---	0.006		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	*	---	---	---	5.0		--	--	--	--	--	--	--
Lead	mg/L	---	---	---	---	0.0075	*	---	---	---	0.0075		--	0.41	--	--	--	0.12	--
Manganese	mg/L	---	---	---	---	0.15	*	---	---	---	0.15		0.066	1.3	0.10	0.098	0.087	0.030	0.93
Mismatched CAS Numbers																			
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---		3.5	7.6	5.7	11	6.5	29	9.1

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B24 (1-5)	5-B24 (5-12)	5-B25 (1-5)	5-B25 (5-12)	5-B25 (5-12)D	5-B26 (1-5)	5-B26 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	5-12	5-12	1-5	5-12
												Date Collected	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23
												pH	7.5	7.1	7.1	7.4	7.4	7.5	7.3
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	5.1	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(5)	Unrestricted	(a)(2)	Unrestricted	Unrestricted	Unrestricted	(a)(2)
Volatile Organic Analytical Parameters																			
Benzene	mg/kg	12	0.8	2,300	2.2	0.03	*	---	---	---	0.03		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
Toluene	mg/kg	16,000	650	410,000	42	12	*	---	---	---	12		0.00037	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
Ethylbenzene	mg/kg	7,800	400	20,000	58	13	*	---	---	---	13		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
Xylenes (total)	mg/kg	16,000	320	41,000	5.6	150	*	---	---	---	5.6		0.0016	<0.0039	<0.0025	<0.0038	<0.0034	<0.0029	<0.0025
Methyl Tertiary-Butyl Ether	mg/kg	780	8,800	2,000	140	0.32	*	---	---	---	0.32		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
Acetone	mg/kg	70,000	100,000	---	100,000	25	*	---	---	---	25		0.020	0.027	0.0078	0.031	0.038	<0.015	0.0088
Bromodichloromethane	mg/kg	10	3,000	2,000	3,000	0.6	*	---	---	---	0.6		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
Bromoform	mg/kg	81	53	16,000	140	0.8	*	---	---	---	0.8		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
Bromomethane	mg/kg	110	10	1,000	3.9	0.2	*	---	---	---	0.2		<0.0042	<0.0049	<0.0031	<0.0047	<0.0042	<0.0036	<0.0032
2-Butanone	mg/kg	---	---	---	---	---	*	---	---	---	17		0.0054	0.0037	<0.0031	0.0087	0.0099	<0.0036	<0.0032
Carbon Disulfide	mg/kg	7,800	720	20,000	9.0	32	*	---	---	---	9.0		<0.0042	<0.0049	<0.0031	<0.0047	0.0027	<0.0036	<0.0032
Carbon Tetrachloride	mg/kg	5.0	0.3	410	0.9	0.07	*	---	---	---	0.07		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
Chlorobenzene	mg/kg	1,600	130	4,100	1.3	1.0	*	---	---	---	1.0		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
Chloroethane	mg/kg	---	---	---	---	---	*	---	---	---	15		<0.0042	<0.0049	<0.0031	<0.0047	<0.0042	<0.0036	<0.0032
Chloroform	mg/kg	100	0.3	2,000	0.76	0.6	*	---	---	---	0.3		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
Chloromethane	mg/kg	---	---	---	---	---	*	---	---	---	0.14		<0.0042	<0.0049	<0.0031	<0.0047	<0.0042	<0.0036	<0.0032
cis-1,2-Dichloroethene	mg/kg	780	1,200	20,000	1,200	0.4	*	---	---	---	0.4		<0.0017	<0.0019	0.0024	<0.0019	<0.0017	<0.0015	<0.0013
Dibromochloromethane	mg/kg	1,600	1,300	41,000	1,300	0.4	*	---	---	---	0.4		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
1,1-Dichloroethane	mg/kg	7,800	1,300	200,000	130	23	*	---	---	---	23		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
1,2-Dichloroethane	mg/kg	7.0	0.4	1,400	0.99	0.02	*	---	---	---	0.02		<0.0042	<0.0049	<0.0031	<0.0047	<0.0042	<0.0036	<0.0032
1,1-Dichloroethene	mg/kg	3,900	290	10,000	3.0	0.06	*	---	---	---	0.06		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
1,2-Dichloropropane	mg/kg	9.0	15	1,800	0.5	0.03	*	---	---	---	0.03		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
1,3-Dichloropropene (cis+trans)	mg/kg	6.4	1.1	1,200	0.39	0.005	0.005	---	---	---	0.005		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
2-Hexanone	mg/kg	---	---	---	---	---	*	---	---	---	0.72		<0.0042	<0.0049	<0.0031	<0.0047	<0.0042	<0.0036	<0.0032
4-Methyl-2-pentanone	mg/kg	---	---	---	---	---	*	---	---	---	2.5		<0.0042	<0.0049	<0.0031	<0.0047	<0.0042	<0.0036	<0.0032
Methylene Chloride	mg/kg	85	13	12,000	34	0.02	*	---	---	---	0.02		<0.0042	<0.0049	<0.0031	<0.0047	<0.0042	<0.0036	<0.0032
Styrene	mg/kg	16,000	1,500	41,000	430	4.0	*	---	---	---	4.0		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
1,1,2,2-Tetrachloroethane	mg/kg	---	---	---	---	---	*	---	---	---	3.3		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
Tetrachloroethene	mg/kg	12	11	2,400	28	0.06	*	---	---	---	0.06		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
trans-1,2-Dichloroethene	mg/kg	1,600	3,100	41,000	3,100	0.7	*	---	---	---	0.7		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
Trichloroethene	mg/kg	58	5.0	1,200	12	0.06	*	---	---	---	0.06		<0.0017	<0.0019	0.00085	<0.0019	<0.0017	<0.0015	<0.0013
1,1,1-Trichloroethane	mg/kg	---	1,200	---	1,200	2.0	*	---	---	---	2.0		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
1,1,2-Trichloroethane	mg/kg	310	1,800	8,200	1,800	0.02	*	---	---	---	0.02		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
Vinyl Chloride	mg/kg	0.46	0.28	170	1.1	0.01	*	---	---	---	0.01		<0.0017	<0.0019	<0.0012	<0.0019	<0.0017	<0.0015	<0.0013
Semivolatile Organic Analytical Parameters																			
Acenaphthene	mg/kg	4,700	---	120,000	---	570	*	0.94	0.13	0.04	570		16	0.021	<0.037	<0.040	<0.041	<0.037	<0.037
Acenaphthylene	mg/kg	---	---	---	---	---	*	0.25	0.07	0.04	85		0.26	<0.041	<0.037	<0.040	<0.041	<0.037	<0.037
Anthracene	mg/kg	23,000	---	610,000	---	12,000	*	2.6	0.40	0.14	12,000		11	0.045	<0.037	<0.040	<0.041	<0.037	0.020
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	*	11	1.8	0.72	0.9		14	0.093	0.024	<0.040	<0.041	<0.037	0.030
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	*	11	2.1	0.98	0.09		13	0.089	<0.037	<0.040	<0.041	<0.037	<0.037
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	*	13	2.1	0.70	0.9		17	0.13	<0.037	<0.040	<0.041	<0.037	0.037
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	*	4.4	1.7	0.84	2,300		8.7	0.073	<0.037	<0.040	<0.041	<0.037	0.026
Benzo(k)fluoranthene	mg/kg	9.0	---	1700	---	49	*	8.1	1.7	0.63	9.0		5.9	0.039	<0.037	<0.040	<0.041	<0.037	<0.037
Chrysene	mg/kg	88	---	17000	---	160	*	11	2.7	1.1	88		17	0.11	0.024	0.012	<0.041	<0.037	0.036
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	*	1.0	0.42	0.15	0.09		2.3	<0.041	<0.037	<0.040	<0.041	<0.037	<0.037
Fluoranthene	mg/kg	3,100	---	82,000	---	4,300	*	28	4.1	1.8	3,100		--	0.26	0.043	0.026	<0.041	<0.037	0.051

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B24 (1-5)	5-B24 (5-12)	5-B25 (1-5)	5-B25 (5-12)	5-B25 (5-12)D	5-B26 (1-5)	5-B26 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	5-12	5-12	1-5	5-12
												Date Collected	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23
												pH	7.5	7.1	7.1	7.4	7.4	7.5	7.3
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	5.1	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(5)	Unrestricted	(a)(2)	Unrestricted	Unrestricted	Unrestricted	(a)(2)
Fluorene	mg/kg	3,100	---	82,000	---	560	*	1.1	0.18	0.04	560		14	0.022	<0.037	<0.040	<0.041	<0.037	0.015
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	*	5.8	1.6	0.51	0.9		8.8	0.069	<0.037	<0.040	<0.041	<0.037	<0.037
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	*	0.26	0.20	0.17	1.8		20	0.053	0.011	<0.040	<0.041	<0.037	0.094
Phenanthrene	mg/kg	---	---	---	---	---	*	15	2.5	0.99	200		--	0.22	0.030	0.013	<0.041	<0.037	0.12
Pyrene	mg/kg	2,300	---	61,000	---	4,200	*	18	3.0	1.2	2,300		--	0.20	0.041	0.013	<0.041	<0.037	0.047
Bis(2-Chloroethoxy)methane	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
Bis(2-Chloroethyl)ether	mg/kg	0.66	0.66	75	0.66	0.66	0.66	---	---	---	0.66		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
Bis(2-Ethylhexyl)phthalate	mg/kg	46	31,000	4,100	31,000	3,600	*	---	---	---	46		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
4-Bromophenyl-phenyl ether	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
Butyl benzyl phthalate	mg/kg	16,000	930	410,000	930	930	*	---	---	---	930		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	---	0.6		7.7	0.024	<0.19	<0.20	<0.20	<0.19	<0.19
4-Chloroaniline	mg/kg	310	---	820	---	0.7	*	---	---	---	0.7		<1.5	<0.83	<0.75	<0.82	<0.82	<0.75	<0.75
2-Chloronaphthalene	mg/kg	---	---	---	---	---	*	---	---	---	49		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
4-Chloro-3-methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	24		<0.75	<0.41	<0.37	<0.40	<0.41	<0.37	<0.37
2-Chlorophenol	mg/kg	390	53,000	10,000	53,000	4.0	*	---	---	---	1.5		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
4-Chlorophenyl-phenyl ether	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
Dibenzofuran	mg/kg	---	---	---	---	---	*	---	---	---	6.1		11	0.021	<0.19	<0.20	<0.20	<0.19	0.031
1,2-Dichlorobenzene	mg/kg	7,000	560	18,000	310	17	*	---	---	---	17		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
1,3-Dichlorobenzene	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
1,4-Dichlorobenzene	mg/kg	---	11,000	---	340	2.0	*	---	---	---	2.0		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
3,3'-Dichlorobenzidine	mg/kg	1.3	---	280	---	1.3	1.3	---	---	---	1.3		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
2,4-Dichlorophenol	mg/kg	230	---	610	---	1.0	*	---	---	---	0.48		<0.75	<0.41	<0.37	<0.40	<0.41	<0.37	<0.37
Diethyl phthalate	mg/kg	63,000	2,000	1,000,000	2,000	470	*	---	---	---	470		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
Dimethyl phthalate	mg/kg	---	---	---	---	---	*	---	---	---	380		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
Di-n-butylphthalate	mg/kg	7,800	2,300	200,000	2,300	2,300	*	---	---	---	2,300		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
2,4-Dimethylphenol	mg/kg	1,600	---	41,000	---	9.0	*	---	---	---	9.0		<0.75	<0.41	<0.37	<0.40	<0.41	<0.37	<0.37
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	7.80		<1.5	<0.83	<0.75	<0.82	<0.82	<0.75	<0.75
2,4-Dinitrophenol	mg/kg	160	---	410	---	3.3	3.3	---	---	---	3.30		<1.5	<0.83	<0.75	<0.82	<0.82	<0.75	<0.75
2,4-Dinitrotoluene	mg/kg	0.9	---	180	---	0.25	0.25	---	---	---	0.25		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
2,6-Dinitrotoluene	mg/kg	0.9	---	180	---	0.26	0.26	---	---	---	0.26		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
Di-n-octylphthalate	mg/kg	1,600	10,000	4,100	10,000	10,000	*	---	---	---	1,600		<0.75	<0.41	<0.37	<0.40	<0.41	<0.37	<0.37
Hexachlorobenzene	mg/kg	0.4	1.0	78	2.6	2.0	*	---	---	---	0.4		<0.15	<0.083	<0.075	<0.082	<0.082	<0.075	<0.075
Hexachlorobutadiene	mg/kg	---	---	---	---	---	*	---	---	---	2.9		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
Hexachlorocyclopentadiene	mg/kg	550	10	14,000	1.1	400	*	---	---	---	1.1		<1.5	<0.83	<0.75	<0.82	<0.82	<0.75	<0.75
Hexachloroethane	mg/kg	78	---	2,000	---	0.5	*	---	---	---	0.5		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
Isophorone	mg/kg	15,600	4,600	410,000	4,600	8.0	*	---	---	---	8.0		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
2-Methylnaphthalene	mg/kg	---	---	---	---	---	*	---	0.14	0.29	7.2		6.1	0.025	<0.075	<0.082	<0.082	<0.075	0.12
2-Methylphenol	mg/kg	3900	---	100,000	---	15	*	---	---	---	15		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
4-Methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
2-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.14		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
3-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.01		<0.75	<0.41	<0.37	<0.40	<0.41	<0.37	<0.37
4-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.1		<0.75	<0.41	<0.37	<0.40	<0.41	<0.37	<0.37
Nitrobenzene	mg/kg	39	92	1,000	9.4	0.26	0.26	---	---	---	0.26		<0.075	<0.041	<0.037	<0.040	<0.041	<0.037	<0.037
2-Nitrophenol	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.75	<0.41	<0.37	<0.40	<0.41	<0.37	<0.37
4-Nitrophenol	mg/kg	---	---	---	---	---	*	---	---	---	630		<1.5	<0.83	<0.75	<0.82	<0.82	<0.75	<0.75
N-Nitroso-di-n-propylamine	mg/kg	0.09	---	18	---	0.0018	0.0018	---	---	---	0.00018		<0.15	<0.083	<0.075	<0.082	<0.082	<0.075	<0.075
N-Nitrosodiphenylamine	mg/kg	130	---	4,100	1.8	1.0	*	---	---	---	1.0		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
2,2'-oxybis (1-chloropropane)	mg/kg	---	---	---	---	---	*	---	---	---	2.4		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
Pentachlorophenol	mg/kg	3.0	---	520	---	0.03	*	---	---	---	0.02		<1.5	<0.83	<0.75	<0.82	<0.82	<0.75	<0.75

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B24 (1-5)	5-B24 (5-12)	5-B25 (1-5)	5-B25 (5-12)	5-B25 (5-12)D	5-B26 (1-5)	5-B26 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	5-12	5-12	1-5	5-12
												Date Collected	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		pH	7.5	7.1	7.1	7.4	7.4	7.5	7.3
												PID	5.1	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(5)	Unrestricted	(a)(2)	Unrestricted	Unrestricted	Unrestricted	(a)(2)
Phenol	mg/kg	23,000	---	61,000	---	100	*	---	---	---	100		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
1,2,4-Trichlorobenzene	mg/kg	780	3,200	2,000	920	5.0	*	---	---	---	5.0		<0.38	<0.21	<0.19	<0.20	<0.20	<0.19	<0.19
2,4,5-Trichlorophenol	mg/kg	7,800	---	200,000	---	270	*	---	---	---	26		<0.75	<0.41	<0.37	<0.40	<0.41	<0.37	<0.37
2,4,6-Trichlorophenol	mg/kg	58	200	11,000	540	0.66	0.66	---	---	---	0.66		<0.75	<0.41	<0.37	<0.40	<0.41	<0.37	<0.37
Pesticide Organic Analytical Parameters																			
Aldrin	mg/kg	0.94	3.0	6.1	9.3	0.94	0.94	---	---	---	0.94		<10	--	<1.9	--	--	<2.0	--
alpha-BHC	mg/kg	0.1	0.8	20	2.1	0.0074	0.0074	---	---	---	0.0074		<10	--	<1.9	--	--	<2.0	--
alpha-Chlordane	mg/kg	---	---	---	---	---	*	---	---	---	1.8		<10	--	<1.9	--	--	<2.0	--
beta-BHC	mg/kg	---	---	---	---	---	*	---	---	---	---		<10	--	<1.9	--	--	<2.0	--
delta-BHC	mg/kg	---	---	---	---	---	*	---	---	---	---		<10	--	<1.9	--	--	<2.0	--
Dieldrin	mg/kg	0.603	1.0	7.8	3.1	0.603	0.603	---	---	---	0.603		<10	--	<1.9	--	--	<2.0	--
4,4'-DDD	mg/kg	3	---	520	---	16	*	---	---	---	3.0		15	--	<1.9	--	--	<2.0	--
4,4'-DDE	mg/kg	2	---	370	---	54	*	---	---	---	2.0		13	--	<1.9	--	--	<2.0	--
4,4'-DDT	mg/kg	2	---	100	2,100	32	*	---	---	---	2.0		<10	--	<1.9	--	--	<2.0	--
Endosulfan I	mg/kg	---	---	---	---	---	---	---	---	---	18		<10	--	<1.9	--	--	<2.0	--
Endosulfan II	mg/kg	---	---	---	---	---	---	---	---	---	18		<10	--	<1.9	--	--	<2.0	--
Endosulfan sulfate	mg/kg	---	---	---	---	---	---	---	---	---	18		<10	--	<1.9	--	--	<2.0	--
Endrin	mg/kg	23	---	61	---	1.0	*	---	---	---	1.0		<10	--	<1.9	--	--	<2.0	--
Endrin aldehyde	mg/kg	---	---	---	---	---	*	---	---	---	1.0		<10	--	<9.6	--	--	<9.8	--
Endrin ketone	mg/kg	---	---	---	---	---	*	---	---	---	1.0		<10	--	<1.9	--	--	<2.0	--
gamma-BHC	mg/kg	0.5	---	96	---	0.009	*	---	---	---	0.009		<10	--	<1.9	--	--	<2.0	--
Heptachlor	mg/kg	0.871	0.871	28	16	23	0.871	---	---	---	0.871		<10	--	<1.9	--	--	<2.0	--
Heptachlor epoxide	mg/kg	1.005	5.0	2.7	13	1.005	1.005	---	---	---	1.005		<10	--	<1.9	--	--	<2.0	--
Methoxychlor	mg/kg	390	---	1,000	---	160	*	---	---	---	160		<49	--	<9.4	--	--	<9.6	--
Toxaphene	mg/kg	0.6	89	110	240	31	*	---	---	---	0.6		<98	--	<19	--	--	<19	--
Aroclor Organic Analytical Parameters																			
Aroclor - 1016	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.020	--	<0.019	--	--	<0.019	--
Aroclor - 1221	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.020	--	<0.019	--	--	<0.019	--
Aroclor - 1232	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.020	--	<0.019	--	--	<0.019	--
Aroclor - 1242	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.020	--	<0.019	--	--	<0.019	--
Aroclor - 1248	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.020	--	0.083	--	--	<0.019	--
Aroclor - 1254	mg/kg	---	---	---	---	---	*	---	---	---	---		0.088	--	<0.019	--	--	<0.019	--
Aroclor - 1260	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.020	--	<0.019	--	--	<0.019	--
Inorganic Analytical Parameters																			
Arsenic	mg/kg	11.3	750	61	25,000	---	*	13.0	13.0	11.3	11.3		6.8	2.5	4.4	2.2	1.7	5.6	5.2
Barium	mg/kg	5,500	690,000	14,000	870,000	---	*	110	110	122	1,500		150	81	77	130	130	130	97
Cadmium	mg/kg	78	1,800	200	59,000	---	*	0.6	0.6	0.5	5.2		1.0	0.20	0.13	0.29	0.30	0.093	0.11
Chromium	mg/kg	230	270	4,100	690	---	*	16.2	16.2	13	21		110	22	19	20	22	31	25
Lead	mg/kg	400	---	700	---	---	*	36	36	20.9	107		780	13	30	11	11	10	17
Mercury	mg/kg	23	10	61	0.1	---	*	0.06	0.06	0.05	0.89		0.062	0.039	0.021	0.039	0.043	0.025	0.022
Selenium	mg/kg	390	---	1,000	---	---	*	0.48	0.48	0.37	1.3		<1.1	<1.2	<1.1	<1.1	<1.2	<1.0	<1.1
Silver	mg/kg	390	---	1,000	---	---	*	0.55	0.55	0.5	4.4		<0.56	<0.58	<0.55	<0.54	<0.62	<0.52	<0.56
Antimony	mg/kg	31	---	82	---	---	*	4.0	4.0	3.3	5.0		6.7	<2.3	<2.2	<2.2	<2.5	<2.1	<2.2
Beryllium	mg/kg	160	1300	410	44,000	---	*	0.59	0.59	0.56	22		0.75	0.72	0.56	0.61	0.64	0.75	0.65
Cobalt	mg/kg	4,700	---	12,000	---	---	*	8.9	8.9	8.9	20		11	9.9	7.8	5.9	6.6	13	13
Copper	mg/kg	2,900	---	8,200	---	---	*	19.6	19.6	12	2,900		40	12	17	16	17	25	22

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B24 (1-5)	5-B24 (5-12)	5-B25 (1-5)	5-B25 (5-12)	5-B25 (5-12)D	5-B26 (1-5)	5-B26 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	5-12	5-12	1-5	5-12
												Date Collected	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		pH	7.5	7.1	7.1	7.4	7.4	7.5	7.3
												PID	5.1	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(5)	Unrestricted	(a)(2)	Unrestricted	Unrestricted	Unrestricted	(a)(2)
Cyanide	mg/kg	1,600	---	4,100	---	---	*	0.51	0.51	0.5	40		<0.26	<0.29	<0.26	<0.27	<0.27	<0.27	<0.27
Iron	mg/kg	---	---	---	---	---	*	15,900	15,900	15,000	15,000		22000	17000	16000	13000	13000	23000	22000
Magnesium	mg/kg	325,000	---	730,000	---	---	*	4,820	4,820	2,700	---		22000	4700	3100	3000	3600	5100	4100
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	*	636	636	630	630		640	160	600	210	120	800	200
Nickel	mg/kg	1,600	13,000	4,100	440,000	---	*	18	18	13	100		27	21	19	20	20	31	29
Thallium	mg/kg	6.3	---	160	---	---	*	0.32	0.32	0.42	2.6		3.6	1.2	3.5	1.1	0.66	4.7	1.6
Vanadium	mg/kg	550	---	1,400	---	---	*	25.2	25.2	25	550		27	37	37	31	33	56	50
Zinc	mg/kg	23,000	---	61,000	---	---	*	95.0	95.0	60.2	5,100		180	58	43	50	54	58	56
TCLP																			
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Chromium	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		<0.010	<0.010	--	--	0.0035	<0.010	0.0023
Lead	mg/L	---	---	---	---	0.0075	---	---	---	---	0.0075		0.018	--	--	--	--	--	--
Selenium	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Silver	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	---	0.006		0.0061	--	--	--	--	--	--
Cobalt	mg/L	---	---	---	---	1.0	---	---	---	---	1.0		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	---	5.0		0.14	0.16	0.26	0.25	1.8	0.57	1.1
Manganese	mg/L	---	---	---	---	0.15	---	---	---	---	0.15		4.8	2.5	7.5	1.2	1.3	0.14	4.3
Nickel	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	--	--	--	--
Thallium	mg/L	---	---	---	---	0.002	---	---	---	---	0.002		<0.0020	--	<0.0020	--	--	<0.0020	--
Inorganic Analytical Parameters (SPLP)																			
Antimony	mg/L	---	---	---	---	0.006	*	---	---	---	0.006		0.0087	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	*	---	---	---	5.0		--	--	--	--	--	--	--
Lead	mg/L	---	---	---	---	0.0075	*	---	---	---	0.0075		0.018	--	--	--	--	--	--
Manganese	mg/L	---	---	---	---	0.15	*	---	---	---	0.15		0.026	0.049	0.26	0.088	0.078	--	1.2
Mismatched CAS Numbers																			
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---		19	6.7	8.4	9.4	6.8	8.3	8.3

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B27 (1-5)	5-B27 (5-12)	5-B28 (1-5)	5-B28 (1-5)D	5-B28 (5-12)	5-B29 (1-5)	5-B29 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	1-5	5-12	1-5	5-12
												Date Collected	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23
												pH	7.4	7.6	7.1	7.1	6.6	6.8	7.0
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(5)	(a)(2)	Unrestricted	(a)(3)	(a)(5)	(a)(3)	(a)(2)
Volatile Organic Analytical Parameters																			
Benzene	mg/kg	12	0.8	2,300	2.2	0.03	*	---	---	---	0.03		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Toluene	mg/kg	16,000	650	410,000	42	12	*	---	---	---	12		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Ethylbenzene	mg/kg	7,800	400	20,000	58	13	*	---	---	---	13		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Xylenes (total)	mg/kg	16,000	320	41,000	5.6	150	*	---	---	---	5.6		<0.0031	<0.0039	<0.0029	<0.0026	<0.0030	<0.0030	<0.0040
Methyl Tertiary-Butyl Ether	mg/kg	780	8,800	2,000	140	0.32	*	---	---	---	0.32		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Acetone	mg/kg	70,000	100,000	---	100,000	25	*	---	---	---	25		0.022	<0.019	<0.015	<0.013	0.013	<0.015	0.028
Bromodichloromethane	mg/kg	10	3,000	2,000	3,000	0.6	*	---	---	---	0.6		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Bromoform	mg/kg	81	53	16,000	140	0.8	*	---	---	---	0.8		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Bromomethane	mg/kg	110	10	1,000	3.9	0.2	*	---	---	---	0.2		<0.0039	<0.0049	<0.0037	<0.0033	<0.0038	<0.0037	<0.0050
2-Butanone	mg/kg	---	---	---	---	---	*	---	---	---	17		0.0058	<0.0049	<0.0037	<0.0033	<0.0038	<0.0037	0.0084
Carbon Disulfide	mg/kg	7,800	720	20,000	9.0	32	*	---	---	---	9.0		<0.0039	<0.0049	<0.0037	<0.0033	<0.0038	<0.0037	<0.0050
Carbon Tetrachloride	mg/kg	5.0	0.3	410	0.9	0.07	*	---	---	---	0.07		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Chlorobenzene	mg/kg	1,600	130	4,100	1.3	1.0	*	---	---	---	1.0		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Chloroethane	mg/kg	---	---	---	---	---	*	---	---	---	15		<0.0039	<0.0049	<0.0037	<0.0033	<0.0038	<0.0037	<0.0050
Chloroform	mg/kg	100	0.3	2,000	0.76	0.6	*	---	---	---	0.3		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Chloromethane	mg/kg	---	---	---	---	---	*	---	---	---	0.14		<0.0039	<0.0049	<0.0037	<0.0033	<0.0038	<0.0037	<0.0050
cis-1,2-Dichloroethene	mg/kg	780	1,200	20,000	1,200	0.4	*	---	---	---	0.4		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Dibromochloromethane	mg/kg	1,600	1,300	41,000	1,300	0.4	*	---	---	---	0.4		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
1,1-Dichloroethane	mg/kg	7,800	1,300	200,000	130	23	*	---	---	---	23		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
1,2-Dichloroethane	mg/kg	7.0	0.4	1,400	0.99	0.02	*	---	---	---	0.02		<0.0039	<0.0049	<0.0037	<0.0033	<0.0038	<0.0037	<0.0050
1,1-Dichloroethene	mg/kg	3,900	290	10,000	3.0	0.06	*	---	---	---	0.06		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
1,2-Dichloropropane	mg/kg	9.0	15	1,800	0.5	0.03	*	---	---	---	0.03		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
1,3-Dichloropropene (cis+trans)	mg/kg	6.4	1.1	1,200	0.39	0.005	0.005	---	---	---	0.005		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
2-Hexanone	mg/kg	---	---	---	---	---	*	---	---	---	0.72		<0.0039	<0.0049	<0.0037	<0.0033	<0.0038	<0.0037	<0.0050
4-Methyl-2-pentanone	mg/kg	---	---	---	---	---	*	---	---	---	2.5		<0.0039	<0.0049	<0.0037	<0.0033	<0.0038	<0.0037	<0.0050
Methylene Chloride	mg/kg	85	13	12,000	34	0.02	*	---	---	---	0.02		<0.0039	<0.0049	<0.0037	<0.0033	<0.0038	<0.0037	<0.0050
Styrene	mg/kg	16,000	1,500	41,000	430	4.0	*	---	---	---	4.0		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
1,1,2,2-Tetrachloroethane	mg/kg	---	---	---	---	---	*	---	---	---	3.3		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Tetrachloroethene	mg/kg	12	11	2,400	28	0.06	*	---	---	---	0.06		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
trans-1,2-Dichloroethene	mg/kg	1,600	3,100	41,000	3,100	0.7	*	---	---	---	0.7		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Trichloroethene	mg/kg	58	5.0	1,200	12	0.06	*	---	---	---	0.06		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
1,1,1-Trichloroethane	mg/kg	---	1,200	---	1,200	2.0	*	---	---	---	2.0		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
1,1,2-Trichloroethane	mg/kg	310	1,800	8,200	1,800	0.02	*	---	---	---	0.02		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Vinyl Chloride	mg/kg	0.46	0.28	170	1.1	0.01	*	---	---	---	0.01		<0.0016	<0.0019	<0.0015	<0.0013	<0.0015	<0.0015	<0.0020
Semivolatile Organic Analytical Parameters																			
Acenaphthene	mg/kg	4,700	---	120,000	---	570	*	0.94	0.13	0.04	570		0.29	<0.047	<0.035	0.066	<0.037	0.021	<0.089
Acenaphthylene	mg/kg	---	---	---	---	---	*	0.25	0.07	0.04	85		0.054	<0.047	<0.035	<0.037	<0.037	<0.037	<0.089
Anthracene	mg/kg	23,000	---	610,000	---	12,000	*	2.6	0.40	0.14	12,000		0.26	<0.047	0.0095	0.13	0.016	0.081	<0.089
Benzo(a)anthracene	mg/kg	0.9	---	170	---	2.0	*	11	1.8	0.72	0.9		0.28	<0.047	0.040	0.33	0.033	0.42	<0.089
Benzo(a)pyrene	mg/kg	0.09	---	17	---	8.0	*	11	2.1	0.98	0.09		0.30	<0.047	0.034	0.33	<0.037	0.36	<0.089
Benzo(b)fluoranthene	mg/kg	0.9	---	170	---	5.0	*	13	2.1	0.70	0.9		0.48	<0.047	0.057	0.47	0.042	0.55	<0.089
Benzo(g,h,i)perylene	mg/kg	---	---	---	---	---	*	4.4	1.7	0.84	2,300		0.26	<0.047	0.023	0.21	0.023	0.19	<0.089
Benzo(k)fluoranthene	mg/kg	9.0	---	1700	---	49	*	8.1	1.7	0.63	9.0		0.15	<0.047	0.020	0.16	<0.037	0.23	<0.089
Chrysene	mg/kg	88	---	17000	---	160	*	11	2.7	1.1	88		0.33	<0.047	0.050	0.40	0.037	0.49	<0.089
Dibenzo(a,h)anthracene	mg/kg	0.09	---	17	---	2.0	*	1.0	0.42	0.15	0.09		<0.069	<0.047	<0.035	0.052	<0.037	0.055	<0.089
Fluoranthene	mg/kg	3,100	---	82,000	---	4,300	*	28	4.1	1.8	3,100		0.65	<0.047	0.094	0.86	0.063	0.96	0.059

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B27 (1-5)	5-B27 (5-12)	5-B28 (1-5)	5-B28 (1-5)D	5-B28 (5-12)	5-B29 (1-5)	5-B29 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	1-5	5-12	1-5	5-12
												Date Collected	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		pH	7.4	7.6	7.1	7.1	6.6	6.8	7.0
												PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(5)	(a)(2)	Unrestricted	(a)(3)	(a)(5)	(a)(3)	(a)(2)
Fluorene	mg/kg	3,100	---	82,000	---	560	*	1.1	0.18	0.04	560		0.41	<0.047	<0.035	0.050	0.013	0.019	<0.089
Indeno(1,2,3-c,d)pyrene	mg/kg	0.9	---	170	---	14	*	5.8	1.6	0.51	0.9		0.25	<0.047	<0.035	0.21	<0.037	0.19	<0.089
Naphthalene	mg/kg	1,600	170	4,100	1.8	12	*	0.26	0.20	0.17	1.8		0.11	<0.047	0.020	0.020	0.077	0.0085	<0.089
Phenanthrene	mg/kg	---	---	---	---	---	*	15	2.5	0.99	200		0.91	<0.047	0.060	0.67	0.11	0.42	0.046
Pyrene	mg/kg	2,300	---	61,000	---	4,200	*	18	3.0	1.2	2,300		0.81	<0.047	0.077	0.80	0.060	0.84	0.045
Bis(2-Chloroethoxy)methane	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
Bis(2-Chloroethyl)ether	mg/kg	0.66	0.66	75	0.66	0.66	0.66	---	---	---	0.66		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
Bis(2-Ethylhexyl)phthalate	mg/kg	46	31,000	4,100	31,000	3,600	*	---	---	---	46		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
4-Bromophenyl-phenyl ether	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
Butyl benzyl phthalate	mg/kg	16,000	930	410,000	930	930	*	---	---	---	930		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
Carbazole	mg/kg	32	---	6200	---	0.6	---	---	---	---	0.6		<0.35	<0.24	<0.18	0.086	<0.19	0.061	<0.45
4-Chloroaniline	mg/kg	310	---	820	---	0.7	*	---	---	---	0.7		<1.4	<0.95	<0.71	<0.75	<0.76	<0.75	<1.8
2-Chloronaphthalene	mg/kg	---	---	---	---	---	*	---	---	---	49		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
4-Chloro-3-methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	24		<0.69	<0.47	<0.35	<0.37	<0.37	<0.37	<0.89
2-Chlorophenol	mg/kg	390	53,000	10,000	53,000	4.0	*	---	---	---	1.5		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
4-Chlorophenyl-phenyl ether	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
Dibenzofuran	mg/kg	---	---	---	---	---	*	---	---	---	6.1		0.19	<0.24	<0.18	0.029	0.020	<0.19	<0.45
1,2-Dichlorobenzene	mg/kg	7,000	560	18,000	310	17	*	---	---	---	17		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
1,3-Dichlorobenzene	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
1,4-Dichlorobenzene	mg/kg	---	11,000	---	340	2.0	*	---	---	---	2.0		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
3,3'-Dichlorobenzidine	mg/kg	1.3	---	280	---	1.3	1.3	---	---	---	1.3		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
2,4-Dichlorophenol	mg/kg	230	---	610	---	1.0	*	---	---	---	0.48		<0.69	<0.47	<0.35	<0.37	<0.37	<0.37	<0.89
Diethyl phthalate	mg/kg	63,000	2,000	1,000,000	2,000	470	*	---	---	---	470		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
Dimethyl phthalate	mg/kg	---	---	---	---	---	*	---	---	---	380		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
Di-n-butylphthalate	mg/kg	7,800	2,300	200,000	2,300	2,300	*	---	---	---	2,300		<0.35	<0.24	<0.18	<0.19	0.013	<0.19	<0.45
2,4-Dimethylphenol	mg/kg	1,600	---	41,000	---	9.0	*	---	---	---	9.0		<0.69	<0.47	<0.35	<0.37	<0.37	<0.37	<0.89
4,6-Dinitro-2-methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	7.80		<1.4	<0.95	<0.71	<0.75	<0.76	<0.75	<1.8
2,4-Dinitrophenol	mg/kg	160	---	410	---	3.3	3.3	---	---	---	3.30		<1.4	<0.95	<0.71	<0.75	<0.76	<0.75	<1.8
2,4-Dinitrotoluene	mg/kg	0.9	---	180	---	0.25	0.25	---	---	---	0.25		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
2,6-Dinitrotoluene	mg/kg	0.9	---	180	---	0.26	0.26	---	---	---	0.26		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
Di-n-octylphthalate	mg/kg	1,600	10,000	4,100	10,000	10,000	*	---	---	---	1,600		<0.69	<0.47	<0.35	<0.37	<0.37	<0.37	<0.89
Hexachlorobenzene	mg/kg	0.4	1.0	78	2.6	2.0	*	---	---	---	0.4		<0.14	<0.095	<0.071	<0.075	<0.076	<0.075	<0.18
Hexachlorobutadiene	mg/kg	---	---	---	---	---	*	---	---	---	2.9		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
Hexachlorocyclopentadiene	mg/kg	550	10	14,000	1.1	400	*	---	---	---	1.1		<1.4	<0.95	<0.71	<0.75	<0.76	<0.75	<1.8
Hexachloroethane	mg/kg	78	---	2,000	---	0.5	*	---	---	---	0.5		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
Isophorone	mg/kg	15,600	4,600	410,000	4,600	8.0	*	---	---	---	8.0		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
2-Methylnaphthalene	mg/kg	---	---	---	---	---	*	---	0.14	0.29	7.2		0.20	<0.095	<0.071	0.023	0.087	<0.075	<0.18
2-Methylphenol	mg/kg	3900	---	100,000	---	15	*	---	---	---	15		<0.35	<0.24	<0.18	<0.19	0.030	<0.19	<0.45
4-Methylphenol	mg/kg	---	---	---	---	---	*	---	---	---	0.2		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
2-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.14		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
3-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.01		<0.69	<0.47	<0.35	<0.37	<0.37	<0.37	<0.89
4-Nitroaniline	mg/kg	---	---	---	---	---	*	---	---	---	0.1		<0.69	<0.47	<0.35	<0.37	<0.37	<0.37	<0.89
Nitrobenzene	mg/kg	39	92	1,000	9.4	0.26	0.26	---	---	---	0.26		<0.069	<0.047	<0.035	<0.037	<0.037	<0.037	<0.089
2-Nitrophenol	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.69	<0.47	<0.35	<0.37	<0.37	<0.37	<0.89
4-Nitrophenol	mg/kg	---	---	---	---	---	*	---	---	---	630		<1.4	<0.95	<0.71	<0.75	<0.76	<0.75	<1.8
N-Nitroso-di-n-propylamine	mg/kg	0.09	---	18	---	0.0018	0.0018	---	---	---	0.00018		<0.14	<0.095	<0.071	<0.075	<0.076	<0.075	<0.18
N-Nitrosodiphenylamine	mg/kg	130	---	4,100	1.8	1.0	*	---	---	---	1.0		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
2,2'-oxybis (1-chloropropane)	mg/kg	---	---	---	---	---	*	---	---	---	2.4		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
Pentachlorophenol	mg/kg	3.0	---	520	---	0.03	*	---	---	---	0.02		<1.4	<0.95	<0.71	<0.75	<0.76	<0.75	<1.8

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B27 (1-5)	5-B27 (5-12)	5-B28 (1-5)	5-B28 (1-5)D	5-B28 (5-12)	5-B29 (1-5)	5-B29 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	1-5	5-12	1-5	5-12
												Date Collected	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		pH	7.4	7.6	7.1	7.1	6.6	6.8	7.0
												PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(5)	(a)(2)	Unrestricted	(a)(3)	(a)(5)	(a)(3)	(a)(2)
Phenol	mg/kg	23,000	---	61,000	---	100	*	---	---	---	100		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	0.042
1,2,4-Trichlorobenzene	mg/kg	780	3,200	2,000	920	5.0	*	---	---	---	5.0		<0.35	<0.24	<0.18	<0.19	<0.19	<0.19	<0.45
2,4,5-Trichlorophenol	mg/kg	7,800	---	200,000	---	270	*	---	---	---	26		<0.69	<0.47	<0.35	<0.37	<0.37	<0.37	<0.89
2,4,6-Trichlorophenol	mg/kg	58	200	11,000	540	0.66	0.66	---	---	---	0.66		<0.69	<0.47	<0.35	<0.37	<0.37	<0.37	<0.89
Pesticide Organic Analytical Parameters																			
Aldrin	mg/kg	0.94	3.0	6.1	9.3	0.94	0.94	---	---	---	0.94		<1.9	--	<1.9	<1.9	--	<1.9	--
alpha-BHC	mg/kg	0.1	0.8	20	2.1	0.0074	0.0074	---	---	---	0.0074		<1.9	--	<1.9	<1.9	--	<1.9	--
alpha-Chlordane	mg/kg	---	---	---	---	---	*	---	---	---	1.8		<1.9	--	<1.9	<1.9	--	<1.9	--
beta-BHC	mg/kg	---	---	---	---	---	*	---	---	---	---		<1.9	--	<1.9	<1.9	--	<1.9	--
delta-BHC	mg/kg	---	---	---	---	---	*	---	---	---	---		<1.9	--	<1.9	<1.9	--	<1.9	--
Dieldrin	mg/kg	0.603	1.0	7.8	3.1	0.603	0.603	---	---	---	0.603		<1.9	--	<1.9	<1.9	--	<1.9	--
4,4'-DDD	mg/kg	3	---	520	---	16	*	---	---	---	3.0		<1.9	--	<1.9	<1.9	--	<1.9	--
4,4'-DDE	mg/kg	2	---	370	---	54	*	---	---	---	2.0		<1.9	--	<1.9	<1.9	--	<1.9	--
4,4'-DDT	mg/kg	2	---	100	2,100	32	*	---	---	---	2.0		<1.9	--	<1.9	<1.9	--	<1.9	--
Endosulfan I	mg/kg	---	---	---	---	---	---	---	---	---	18		<1.9	--	<1.9	<1.9	--	<1.9	--
Endosulfan II	mg/kg	---	---	---	---	---	---	---	---	---	18		<1.9	--	<1.9	<1.9	--	<1.9	--
Endosulfan sulfate	mg/kg	---	---	---	---	---	---	---	---	---	18		<1.9	--	<1.9	<1.9	--	<1.9	--
Endrin	mg/kg	23	---	61	---	1.0	*	---	---	---	1.0		<1.9	--	<1.9	<1.9	--	<1.9	--
Endrin aldehyde	mg/kg	---	---	---	---	---	*	---	---	---	1.0		<1.9	--	<1.9	<1.9	--	<1.9	--
Endrin ketone	mg/kg	---	---	---	---	---	*	---	---	---	1.0		<1.9	--	<1.9	<1.9	--	<1.9	--
gamma-BHC	mg/kg	0.5	---	96	---	0.009	*	---	---	---	0.009		<1.9	--	<1.9	<1.9	--	<1.9	--
Heptachlor	mg/kg	0.871	0.871	28	16	23	0.871	---	---	---	0.871		<1.9	--	<1.9	<1.9	--	<1.9	--
Heptachlor epoxide	mg/kg	1.005	5.0	2.7	13	1.005	1.005	---	---	---	1.005		<1.9	--	<1.9	<1.9	--	<1.9	--
Methoxychlor	mg/kg	390	---	1,000	---	160	*	---	---	---	160		<9.3	--	<9.2	<9.1	--	<9.3	--
Toxaphene	mg/kg	0.6	89	110	240	31	*	---	---	---	0.6		<19	--	<19	<18	--	<19	--
Aroclor Organic Analytical Parameters																			
Aroclor - 1016	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.019	<0.018	--	<0.019	--
Aroclor - 1221	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.019	<0.018	--	<0.019	--
Aroclor - 1232	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.019	<0.018	--	<0.019	--
Aroclor - 1242	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.019	<0.018	--	<0.019	--
Aroclor - 1248	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.019	<0.018	--	0.017	--
Aroclor - 1254	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.019	<0.018	--	<0.019	--
Aroclor - 1260	mg/kg	---	---	---	---	---	*	---	---	---	---		<0.019	--	<0.019	<0.018	--	<0.019	--
Inorganic Analytical Parameters																			
Arsenic	mg/kg	11.3	750	61	25,000	---	*	13.0	13.0	11.3	11.3		3.4	7.0	4.5	5.4	6.5	4.5	3.7
Barium	mg/kg	5,500	690,000	14,000	870,000	---	*	110	110	122	1,500		48	240	72	100	90	82	180
Cadmium	mg/kg	78	1,800	200	59,000	---	*	0.6	0.6	0.5	5.2		0.91	0.15	0.11	0.16	0.28	0.15	0.62
Chromium	mg/kg	230	270	4,100	690	---	*	16.2	16.2	13	21		15	29	24	25	27	21	20
Lead	mg/kg	400	---	700	---	---	*	36	36	20.9	107		30	17	12	24	42	28	23
Mercury	mg/kg	23	10	61	0.1	---	*	0.06	0.06	0.05	0.89		1.0	0.040	0.020	0.022	0.016	0.020	0.042
Selenium	mg/kg	390	---	1,000	---	---	*	0.48	0.48	0.37	1.3		<1.1	<1.4	<0.96	<1.1	1.5	<0.97	0.86
Silver	mg/kg	390	---	1,000	---	---	*	0.55	0.55	0.5	4.4		3.8	7.7	4.9	5.7	4.0	4.8	4.2
Antimony	mg/kg	31	---	82	---	---	*	4.0	4.0	3.3	5.0		<2.1	<2.7	<1.9	<2.2	<2.0	<1.9	<2.5
Beryllium	mg/kg	160	1300	410	44,000	---	*	0.59	0.59	0.56	22		0.45	1.1	0.71	0.71	0.60	0.60	0.80
Cobalt	mg/kg	4,700	---	12,000	---	---	*	8.9	8.9	8.9	20		4.5	18	12	11	21	8.9	6.0
Copper	mg/kg	2,900	---	8,200	---	---	*	19.6	19.6	12	2,900		12	13	19	22	28	17	24

Table C-1 - Soil Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	IEPA Tier 1 Soil Remediation Objectives						Background			Maximum Allowable Concentration	Sample Identification	5-B27 (1-5)	5-B27 (5-12)	5-B28 (1-5)	5-B28 (1-5)D	5-B28 (5-12)	5-B29 (1-5)	5-B29 (5-12)
		Residential Properties		Construction Workers		Soil Component of the Groundwater Ingestion Route	ADL					Sample Depth (feet)	1-5	5-12	1-5	1-5	5-12	1-5	5-12
												Date Collected	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23	2025-05-23
		Ingestion	Inhalation	Ingestion	Inhalation	Class I		Chicago	MSAs	Non-MSAs		pH	7.4	7.6	7.1	7.1	6.6	6.8	7.0
												PID	*ND	*ND	*ND	*ND	*ND	*ND	*ND
												Classification	(a)(5)	(a)(2)	Unrestricted	(a)(3)	(a)(5)	(a)(3)	(a)(2)
Cyanide	mg/kg	1,600	---	4,100	---	---	*	0.51	0.51	0.5	40		<0.24	<0.31	<0.25	<0.26	<0.26	<0.27	<0.29
Iron	mg/kg	---	---	---	---	---	*	15,900	15,900	15,000	15,000		15000	33000	21000	23000	31000	19000	17000
Magnesium	mg/kg	325,000	---	730,000	---	---	*	4,820	4,820	2,700	---		7900	5100	3600	4200	3400	3100	4000
Manganese	mg/kg	1,600	69,000	4,100	8,700	---	*	636	636	630	630		380	460	300	510	4000	530	330
Nickel	mg/kg	1,600	13,000	4,100	440,000	---	*	18	18	13	100		13	23	19	21	29	17	22
Thallium	mg/kg	6.3	---	160	---	---	*	0.32	0.32	0.42	2.6		2.5	3.2	2.1	3.4	6.0	3.6	2.4
Vanadium	mg/kg	550	---	1,400	---	---	*	25.2	25.2	25	550		19	57	49	47	34	37	32
Zinc	mg/kg	23,000	---	61,000	---	---	*	95.0	95.0	60.2	5,100		140	110	48	52	82	47	83
TCLP																			
Arsenic	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	--	--	--
Chromium	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	0.0018	0.0021	<0.010	0.0035	<0.010	--
Lead	mg/L	---	---	---	---	0.0075	---	---	---	---	0.0075		--	--	--	--	--	--	--
Selenium	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	--	--	--	0.010	--	--
Silver	mg/L	---	---	---	---	0.05	---	---	---	---	0.05		--	0.0055	<0.0050	0.0022	0.010	0.0095	--
Antimony	mg/L	---	---	---	---	0.006	---	---	---	---	0.006		--	--	--	--	--	--	--
Cobalt	mg/L	---	---	---	---	1.0	---	---	---	---	1.0		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	---	---	---	---	5.0		0.11	0.33	1.7	0.29	0.80	0.19	0.90
Manganese	mg/L	---	---	---	---	0.15	---	---	---	---	0.15		3.9	2.4	0.40	0.84	4.6	4.3	4.3
Nickel	mg/L	---	---	---	---	0.1	---	---	---	---	0.1		--	--	--	--	--	--	--
Thallium	mg/L	---	---	---	---	0.002	---	---	---	---	0.002		--	<0.0020	--	<0.0020	<0.0020	<0.0020	--
Inorganic Analytical Parameters (SPLP)																			
Antimony	mg/L	---	---	---	---	0.006	*	---	---	---	0.006		--	--	--	--	--	--	--
Iron	mg/L	---	---	---	---	5.0	*	---	---	---	5.0		--	--	--	--	--	--	--
Lead	mg/L	---	---	---	---	0.0075	*	---	---	---	0.0075		--	--	--	--	--	--	--
Manganese	mg/L	---	---	---	---	0.15	*	---	---	---	0.15		0.0059	0.57	0.074	0.019	1.3	0.16	0.51
Mismatched CAS Numbers																			
Boron	mg/kg	---	---	---	---	---	---	---	---	---	---		15	9.7	8.5	8.9	6.1	5.8	14

Table C-1A - Groundwater Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	Groundwater Remediation Objectives		Groundwater Indoor Inhalation Exposure Route				Sample Identification	TMW-5-B08	TMW-5-B08 (Dissolved)	TMW-5-B15	TMW-5-B22	TMW-5-B22 (Dissolved)
		Groundwater Ingestion Route		Diffusion and Advection		Diffusion Only		Date Collected	2025-05-28	2025-05-28	2025-05-28	2025-05-28	2025-05-28
		Class I	Class II	Residential	Industrial/Commercial	Residential	Industrial/Commercial						
Volatile Organic Analytical Parameters													
Benzene	mg/L	0.005	0.025	0.11	0.41	0.41	2.6		<0.00050	--	<0.00050	<0.00050	--
Toluene	mg/L	1.0	2.5	530	530	530	530		<0.00050	--	<0.00050	<0.00050	--
Ethylbenzene	mg/L	0.7	1.0	0.37	1.4	1.3	8.1		<0.00050	--	0.00029	<0.00050	--
Xylenes (total)	mg/L	10.0	10.0	30	93	96	110		<0.0010	--	0.0015	<0.0010	--
Methyl Tertiary-Butyl Ether	mg/L	0.07	0.07	1,900	6,800	30,000	51,000		<0.0010	--	<0.0010	<0.0010	--
Acetone	mg/L	6.3	6.3	1,000,000	1,000,000	1,000,000	1,000,000		0.0072	--	<0.010	<0.010	--
Bromodichloromethane	mg/L	0.0002	0.0002	6,700	6,700	6,700	6,700		<0.0010	--	<0.0010	<0.0010	--
Bromoform	mg/L	0.001	0.001	3.1	12	170	1300		<0.0010	--	<0.0010	<0.0010	--
Bromomethane	mg/L	0.0098	0.049	---	---	6.1	33		<0.0030	--	<0.0030	<0.0030	--
2-Butanone	mg/L	4.2	4.2	10,000	48,000	220,000	220,000		<0.0050	--	<0.0050	<0.0050	--
Carbon Disulfide	mg/L	0.7	3.5	67	210	170	820		<0.0020	--	0.0072	<0.0020	--
Carbon Tetrachloride	mg/L	0.005	0.025	0.02	0.076	0.052	0.31		<0.0010	--	<0.0010	<0.0010	--
Chlorobenzene	mg/L	0.1	0.5	26	82	130	470		<0.0010	--	<0.0010	<0.0010	--
Chloroethane	mg/L	21	---	---	---	---	---		<0.0050	--	<0.0050	<0.0050	--
Chloroform	mg/L	0.0002	0.001	0.07	0.15	0.17	1.1		<0.0020	--	<0.0020	<0.0020	--
cis-1,2-Dichloroethene	mg/L	0.07	0.2	3,500	3,500	3,500	3,500		<0.0010	--	<0.0010	<0.0010	--
Dibromochloromethane	mg/L	0.14	0.14	2,600	2,600	2,600	2,600		<0.0010	--	<0.0010	<0.0010	--
1,1-Dichloroethane	mg/L	0.7	3.5	180	580	750	4,100		<0.0010	--	<0.0010	<0.0010	--
1,2-Dichloroethane	mg/L	0.005	0.025	0.054	0.22	0.5	3.5		<0.0010	--	<0.0010	<0.0010	--
1,1-Dichloroethylene	mg/L	0.007	0.035	24	74	61	300		<0.0010	--	<0.0010	<0.0010	--
1,2-Dichloropropane	mg/L	0.005	0.025	0.12	0.48	0.67	4.5		<0.0010	--	<0.0010	<0.0010	--
1,3-Dichloropropene (cis + trans)	mg/L	0.001	0.005	0.14	0.52	0.42	2.6		<0.0010	--	<0.0010	<0.0010	--
2-Hexanone	mg/L	0.035	0.035	---	---	---	---		<0.0050	--	<0.0050	<0.0050	--
4-Methyl-2-pentanone	mg/L	0.56	0.56	---	---	---	---		<0.0050	--	<0.0050	<0.0050	--
Methylene Chloride	mg/L	0.005	0.05	2.1	8.2	12	84		<0.0050	--	<0.0050	<0.0050	--
Styrene	mg/L	0.1	0.5	310	310	310	310		<0.0010	--	<0.0010	<0.0010	--
1,1,2,2-Tetrachloroethane	mg/L	0.0043	0.0043	---	---	---	---		<0.0010	--	<0.0010	<0.0010	--
Tetrachloroethene	mg/L	0.005	0.025	0.091	0.34	0.26	1.6		<0.0010	--	<0.0010	<0.0010	--
trans-1,2-Dichloroethene	mg/L	0.1	0.5	16	51	58	310		<0.0010	--	<0.0010	<0.0010	--
Trichloroethene	mg/L	0.005	0.025	0.34	1.3	1.1	6.7		<0.00050	--	<0.00050	<0.00050	--
1,1,1-Trichloroethane	mg/L	0.2	1.0	1,000	1,300	1,300	1,300		<0.0010	--	<0.0010	<0.0010	--
1,1,2-Trichloroethane	mg/L	0.005	0.05	4,400	4,400	4,400	4,400		<0.0010	--	<0.0010	<0.0010	--
Vinyl Chloride	mg/L	0.002	0.01	0.028	0.21	0.065	0.75		<0.0010	--	<0.0010	<0.0010	--
Semivolatile Organic Analytical Parameters													
Acenaphthene	mg/L	0.42	2.1	---	---	---	---		0.00032	--	--	<0.0010	--
Acenaphthylene	mg/L	0.21	1.05	---	---	---	---		<0.00096	--	--	<0.0010	--
Anthracene	mg/L	2.1	10.5	---	---	---	---		<0.00096	--	--	<0.0010	--
Benzo(a)anthracene	mg/L	0.00013	0.00065	---	---	---	---		0.00050	--	--	<0.00016	--
Benzo(a)pyrene	mg/L	0.0002	0.002	---	---	---	---		0.00090	--	--	<0.00020	--
Benzo(b)fluoranthene	mg/L	0.00018	0.0009	---	---	---	---		0.0012	--	--	<0.00020	--
Benzo(g,h,i)perylene	mg/L	0.21	1.05	---	---	---	---		0.00083	--	--	<0.0010	--
Benzo(k)fluoranthene	mg/L	0.00017	0.00085	---	---	---	---		0.00039	--	--	<0.00020	--
Chrysene	mg/L	0.0015	0.0075	---	---	---	---		0.00061	--	--	<0.00020	--
Dibenzo(a,h)anthracene	mg/L	0.0003	0.0015	---	---	---	---		0.00018	--	--	<0.00030	--
Fluoranthene	mg/L	0.28	1.4	---	---	---	---		0.00099	--	--	<0.0010	--
Fluorene	mg/L	0.28	1.4	---	---	---	---		<0.00096	--	--	<0.0010	--

Table C-1A - Groundwater Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	Groundwater Remediation Objectives		Groundwater Indoor Inhalation Exposure Route				Sample Identification	TMW-5-B08	TMW-5-B08 (Dissolved)	TMW-5-B15	TMW-5-B22	TMW-5-B22 (Dissolved)
		Groundwater Ingestion Route		Diffusion and Advection		Diffusion Only		Date Collected	2025-05-28	2025-05-28	2025-05-28	2025-05-28	2025-05-28
		Class I	Class II	Residential	Industrial/Commercial	Residential	Industrial/Commercial						
Indeno(1,2,3-c,d)pyrene	mg/L	0.00043	0.00215	---	---	---	---		0.00074	--	--	<0.00020	--
Naphthalene	mg/L	0.14	0.22	0.075	0.32	1.8	13		<0.00096	--	--	<0.0010	--
Phenanthrene	mg/L	0.21	1.05	---	---	---	---		0.00059	--	--	<0.0010	--
Pyrene	mg/L	0.21	1.05	---	---	---	---		0.00083	--	--	<0.0010	--
Bis(2-Chloroethyl)ether	mg/L	0.01	0.01	0.083	0.43	6.6	48		<0.0019	--	--	<0.0020	--
Bis(2-Ethylhexyl)phthalate	mg/L	0.006	0.06	---	---	---	---		<0.0096	--	--	<0.010	--
Butyl benzyl phthalate	mg/L	1.4	7	---	---	---	---		<0.0019	--	--	<0.0020	--
4-Chloroaniline	mg/L	0.028	0.028	---	---	---	---		<0.0096	--	--	<0.010	--
2-Chloronaphthalene	mg/L	0.56	2.8	---	---	---	---		<0.0019	--	--	<0.0020	--
4-Chloro-3-methylphenol	mg/L	0.49	2.45	---	---	---	---		<0.0096	--	--	<0.010	--
2-Chlorophenol	mg/L	0.035	0.035	22,000	22,000	22,000	22,000		<0.0048	--	--	<0.0051	--
Dibenzofuran	mg/L	0.007	0.035	---	---	---	---		<0.0019	--	--	<0.0020	--
1,2-Dichlorobenzene	mg/L	0.6	1.5	140	160	160	160		<0.0019	--	--	<0.0020	--
1,3-Dichlorobenzene	mg/L	0.0063	0.0315	---	---	---	---		<0.0019	--	--	<0.0020	--
1,4-Dichlorobenzene	mg/L	0.075	0.375	79	79	79	79		<0.0019	--	--	<0.0020	--
3,3'-Dichlorobenzidine	mg/L	0.02	0.1	---	---	---	---		<0.0048	--	--	<0.0051	--
2,4-Dichlorophenol	mg/L	0.021	0.021	---	---	---	---		<0.0096	--	--	<0.010	--
Diethyl phthalate	mg/L	5.6	5.6	---	---	---	---		<0.0048	--	--	<0.0051	--
Di-n-butylphthalate	mg/L	0.7	3.5	---	---	---	---		<0.0048	--	--	<0.0051	--
2,4-Dimethylphenol	mg/L	0.14	0.14	---	---	---	---		<0.0096	--	--	<0.010	--
4,6-Dinitro-2-methylphenol	mg/L	0.00056	0.00056	---	---	---	---		<0.019	--	--	<0.020	--
2,4-Dinitrophenol	mg/L	0.014	0.014	---	---	---	---		<0.019	--	--	<0.020	--
2,4-Dinitrotoluene	mg/L	0.00002	0.00002	---	---	---	---		<0.00096	--	--	<0.0010	--
2,6-Dinitrotoluene	mg/L	0.00031	0.00031	---	---	---	---		<0.00096	--	--	<0.0010	--
Di-n-octylphthalate	mg/L	0.14	0.7	---	---	---	---		<0.0096	--	--	<0.010	--
Hexachlorobenzene	mg/L	0.00006	0.0003	0.0059	0.0062	0.0062	0.0062		<0.00048	--	--	<0.00051	--
Hexachlorobutadiene	mg/L	0.007	0.035	---	---	---	---		<0.0048	--	--	<0.0051	--
Hexachlorocyclopentadiene	mg/L	0.05	0.5	0.084	0.26	0.29	1.5		<0.019	--	--	<0.020	--
Hexachloroethane	mg/L	0.007	0.035	50	50	50	50		<0.0048	--	--	<0.0051	--
Isophorone	mg/L	1.4	1.4	12,000	12,000	12,000	12,000		<0.0019	--	--	<0.0020	--
2-Methylnaphthalene	mg/L	0.028	0.14	25	25	25	25		<0.0019	--	--	<0.0020	--
2-Methylphenol	mg/L	0.35	0.35	26,000	26,000	26,000	26,000		<0.0019	--	--	<0.0020	--
4-Methylphenol	mg/L	0.7	0.7	---	---	---	---		<0.0019	--	--	<0.0020	--
2-Nitroaniline	mg/L	0.105	0.105	---	---	---	---		<0.0048	--	--	<0.0051	--
3-Nitroanaline	mg/L	0.0021	0.0021	---	---	---	---		<0.0096	--	--	<0.010	--
4-Nitroaniline	mg/L	0.028	0.028	---	---	---	---		<0.0096	--	--	<0.010	--
Nitrobenzene	mg/L	0.0035	0.0035	0.34	2	23	170		<0.00096	--	--	<0.0010	--
4-Nitrophenol	mg/L	---	0.056	---	---	---	---		<0.019	--	--	<0.020	--
N-Nitroso-di-n-propylamine	mg/L	0.0018	0.0018	0.044	0.27	3.3	24		<0.00048	--	--	<0.00051	--
N-Nitrosodiphenylamine	mg/L	0.0032	0.016	---	---	---	---		<0.0019	--	--	<0.0020	--
2,2'-oxybis (1-chloropropane)	mg/L	---	---	---	---	---	---		<0.0019	--	--	<0.0020	--
Pentachlorophenol	mg/L	0.001	0.005	---	---	---	---		<0.019	--	--	<0.020	--
Phenol	mg/L	0.1	0.1	28,000	83,000	83,000	83,000		<0.0048	--	--	<0.0051	--
1,2,4-Trichlorobenzene	mg/L	0.07	0.7	1.8	5.9	35	35		<0.0019	--	--	<0.0020	--
2,4,5-Trichlorophenol	mg/L	0.7	0.7	---	---	---	---		<0.0096	--	--	<0.010	--
2,4,6-Trichlorophenol	mg/L	0.01	0.01	---	---	---	---		<0.0048	--	--	<0.0051	--
Inorganic Analytical Parameters													
Arsenic	mg/L	0.05	0.2	---	---	---	---		0.10	0.013	--	0.026	0.0029

Table C-1A - Groundwater Analytical Results
Between 3rd Street and 7th Street Site #5
East Moline, Illinois
Project No. 11247243B

Analyte	Units	Groundwater Remediation Objectives		Groundwater Indoor Inhalation Exposure Route				Sample Identification	TMW-5-B08	TMW-5-B08 (Dissolved)	TMW-5-B15	TMW-5-B22	TMW-5-B22 (Dissolved)
		Groundwater Ingestion Route		Diffusion and Advection		Diffusion Only		Date Collected	2025-05-28	2025-05-28	2025-05-28	2025-05-28	2025-05-28
		Class I	Class II	Residential	Industrial/Commercial	Residential	Industrial/Commercial						
Barium	mg/L	2.0	2.0	---	---	---	---		3.3	0.064	--	0.54	0.17
Cadmium	mg/L	0.005	0.05	---	---	---	---		0.021	<0.00050	--	0.0044	<0.00050
Chromium, total	mg/L	0.1	1.0	---	---	---	---		0.87	0.0062	--	0.18	<0.0050
Lead	mg/L	0.0075	0.1	---	---	---	---		1.5	<0.00050	--	0.98	0.00020
Mercury	mg/L	0.002	0.01	0.053	0.060	0.060	0.060		0.0019	<0.00020	--	0.00021	<0.00020
Selenium	mg/L	0.05	0.05	---	---	---	---		0.028	0.0012	--	0.0061	0.0010
Silver	mg/L	0.05	0.05	---	---	---	---		0.0027	<0.00050	--	0.0011	<0.00050
Antimony	mg/L	0.006	0.024	---	---	---	---		0.0015	0.0013	--	0.0043	<0.0030
Beryllium	mg/L	0.004	0.5	---	---	---	---		0.0090	<0.0010	--	0.0024	<0.0010
Cobalt	mg/L	1.0	1.0	---	---	---	---		0.14	<0.0010	--	0.028	0.0024
Copper	mg/L	0.65	0.65	---	---	---	---		1.1	0.00060	--	0.27	0.00060
Iron	mg/L	5.0	5.0	---	---	---	---		450	<0.10	--	140	5.7
Manganese	mg/L	0.15	10.0	---	---	---	---		14	0.028	--	3.4	1.1
Nickel	mg/L	0.1	2.0	---	---	---	---		0.76	0.0049	--	0.14	0.0057
Thallium	mg/L	0.002	0.02	---	---	---	---		0.0031	<0.0020	--	<0.0020	<0.0020
Vanadium	mg/L	0.049	0.1	---	---	---	---		0.44	0.0076	--	0.11	<0.0050
Zinc	mg/L	5.0	10	---	---	---	---		2.1	<0.020	--	0.75	<0.020

Table Notes

Remediation Objectives from 35 Illinois Administrative Code (IAC) Chapter 742: Tiered Approach to Corrective Action Objectives (TACO) and the most stringent Maximum Allowable Concentrations of Chemical Constituents in Uncontaminated Soil (MACs) outlined in Title 35 Administrative Code of the Illinois Administrative Code Part 1100 (35 IAC 1100).

Remediation Objectives for Non-TACO compounds from Illinois Environmental Protection Agency's (IEPA's) web site (http://www.epa.state.il.us/land/taco/chemicals-not-in-taco-tier-1-tables.html).

RO = Remediation Objective

mg/kg = milligrams per kilogram, generally equivalent to parts per million (ppm)

mg/L = milligrams per liter, generally equivalent to ppm

TCLP = Toxicity Characteristic Leaching Procedure

SPLP = Synthetic Precipitation Leaching Procedure

-- = Sample not analyzed for this constituent
--- = No IEPA RO for this exposure route.
---- = Not measured

Italicized Tier 1 ROs were changed to laboratory Acceptable Detection Limits (ADL) per 35 IAC 742.510(a)(8).

**Lab Data for 3 & 4 methylphenol compared to 4 methylphenol ROs

(Yellow) Soil concentration is above the most stringent MAC

(Blue) Soil concentration is above the MAC and City of Chicago Background but below the MSA Background

(Green) Soil concentration is above MAC and MSA County Background

(Orange) Soil concentration is above the lowest construction worker RO.

(Gray) PID readings above background (1 ppm)

*ND = PID Reading below background (1ppm)

(Taupe) Groundwater concentration exceeds IEPA Tier 1 RO for Class I Groundwater

(Red Outline) Soil concentration is above a Tier 1 SRO

APPENDIX D

Laboratory Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jackie Setterdahl
Terracon Consulting Eng & Scientists
192 Exchange Blvd
Glendale Heights, Illinois 60139

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JOB DESCRIPTION

Bend Boulevard, East Moline, IL

JOB NUMBER

500-268736-1

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

myEOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
*3	ISTD response or retention time outside acceptable limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
500-268736-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/22/2025 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.8°C, 2.9°C and 4.7°C.

Receipt Exceptions
The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): Sample #1 COC list sample time as 1330 however container labels list 1345. Logged per COC.

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Requested analysis not checked off for #23, logged everything listed on COC.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-819600 was outside the method criteria for the following analyte(s): 1,2-Dichloroethane and Vinyl acetate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 500-819600 recovered outside control limits for the following analytes: Vinyl chloride.

Method 8260D: Surrogate recovery for the following sample was outside the upper control limit: 5-B09 (5-12) (500-268736-18). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 500-820175 recovered outside control limits for the following analytes: Bromomethane, Chloroethane, trans-1,2-Dichloroethene and Vinyl chloride. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-820175 was outside the method criteria for the following analyte(s): 2-Hexanone, 4-Methyl-2-pentanone (MIBK) and trans-1,2-Dichloroethene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: Internal standard response was outside of acceptance limits for the following sample: 5-B10 (1-5)D (500-268736-20). The sample did not have detects of requested analytes using this internal standards. Sample hold time has expired, and the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) analyzed in batch 500-819238 was outside the method criteria for the following analyte(s): Hexachlorocyclopentadiene, 2-Nitroaniline, N-Nitrosodi-n-propylamine and 2,2'-oxybis[1-chloropropane]. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-819238 was outside the method criteria for the following analyte(s): Dibenz(a,h)anthracene, Di-n-octyl phthalate and 2,4,6-Tribromophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for 3 analytes to recover outside limits when using this list of analytes. laboratory control sample (LCS) for preparation batch 500-819206 and analytical batch 500-819238 recovered outside limits for the following analyte: 2-Nitroaniline. These results have been reported and qualified.

Method 8270E: The following samples were diluted due to the nature of the sample matrix: 5-B01 (1-5) (500-268736-1) and 5-B05 (5-12) (500-268736-10). Elevated reporting limits (RLs) are provided.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 500-819236 was outside the method criteria for the following analyte(s): Hexachlorobutadiene and Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-819236 was outside the method criteria for the following analyte(s): Bis(2-ethylhexyl) phthalate, Butyl benzyl phthalate, Di-n-octyl phthalate, 2-Nitroaniline, N-Nitrosodi-n-propylamine and 2,2'-oxybis[1-chloropropane]. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 500-819416 was outside the method criteria for the following analyte(s): Hexachlorocyclopentadiene, 2-Nitroaniline, N-Nitrosodi-n-propylamine and 2,2'-oxybis[1-chloropropane]. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-819416 was outside the method criteria for the following analyte(s): Dibenz(a,h)anthracene and 2,4,6-Tribromophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 500-819206 and analytical batch 500-819416 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides
Method 8081B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 500-819138 and analytical batch 500-819327 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8081B: The following samples were diluted due to the nature of the sample matrix: 5-B01 (1-5) (500-268736-1), (500-268736-F-1-H MS) and (500-268736-F-1-I MSD). Elevated reporting limits (RLs) are provided.

Method 8081B: DCB Decachlorobiphenyl surrogate recovery for the following sample was outside control limits: (500-268736-F-1-H MS). Tetrachloro-m-xylene surrogate was within the control limits; therefore, re-extraction and/or re-analysis was not performed.

Method 8081B: The following samples required a dilution due to the nature of the sample matrix: 5-B02 (1-3) (500-268736-3), 5-B03 (1-5) (500-268736-4), 5-B04 (1-5) (500-268736-6), 5-B06 (1-5) (500-268736-11), 5-B07 (1-5) (500-268736-13) and 5-B08 (1-5) (500-268736-15). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8081B: The following samples were diluted due to the nature of the sample matrix: 5-B02 (1-3) (500-268736-3), 5-B03 (1-5) (500-268736-4), 5-B04 (1-5) (500-268736-6), 5-B06 (1-5) (500-268736-11), 5-B07 (1-5) (500-268736-13) and 5-B08 (1-5)

(500-268736-15). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D: The method blank for preparation batch 500-819171 and analytical batch 500-819412 contained Boron and Zinc above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D: The method blank for preparation batch 500-819172 and analytical batch 500-819412 contained Iron and Manganese above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Job ID: 500-268736-3 — Eurofins Chicago

Job Narrative
500-268736-3

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/22/2025 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.8°C, 2.9°C and 4.7°C.

Receipt Exceptions
The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): Sample #1 COC list sample time as 1330 however container labels list 1345. Logged per COC.

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Requested analysis not checked off for #23, logged everything listed on COC.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B01 (1-5) — Lab Sample ID: 500-268736-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.35		0.075	0.015	mg/Kg	2	☼	8270E	Total/NA
Acenaphthylene	0.036	J	0.075	0.013	mg/Kg	2	☼	8270E	Total/NA
Anthracene	1.3		0.075	0.015	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]anthracene	4.2		0.075	0.016	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]pyrene	4.0		0.075	0.072	mg/Kg	2	☼	8270E	Total/NA
Benzo[b]fluoranthene	5.6		0.075	0.071	mg/Kg	2	☼	8270E	Total/NA
Benzo[g,h,i]perylene	2.6		0.075	0.034	mg/Kg	2	☼	8270E	Total/NA
Benzo[k]fluoranthene	2.0		0.075	0.029	mg/Kg	2	☼	8270E	Total/NA
Carbazole	0.65		0.38	0.030	mg/Kg	2	☼	8270E	Total/NA
Chrysene	4.4		0.075	0.020	mg/Kg	2	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.83		0.075	0.075	mg/Kg	2	☼	8270E	Total/NA
Dibenzofuran	0.26	J	0.38	0.027	mg/Kg	2	☼	8270E	Total/NA
Fluoranthene	9.0		0.075	0.017	mg/Kg	2	☼	8270E	Total/NA
Fluorene	0.44		0.075	0.022	mg/Kg	2	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	2.7		0.075	0.073	mg/Kg	2	☼	8270E	Total/NA
2-Methylnaphthalene	0.091	J	0.15	0.015	mg/Kg	2	☼	8270E	Total/NA
Naphthalene	0.074	J	0.075	0.014	mg/Kg	2	☼	8270E	Total/NA
4-Nitroaniline	0.071	J	0.75	0.055	mg/Kg	2	☼	8270E	Total/NA
Phenanthrene	4.8		0.075	0.016	mg/Kg	2	☼	8270E	Total/NA
Pyrene	6.9		0.075	0.020	mg/Kg	2	☼	8270E	Total/NA
Arsenic	7.8		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Barium	97		1.1	0.12	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.73		0.43	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	15		5.4	0.50	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.77		0.22	0.039	mg/Kg	1	☼	6010D	Total/NA
Chromium	18		1.1	0.53	mg/Kg	1	☼	6010D	Total/NA
Cobalt	9.6		0.54	0.14	mg/Kg	1	☼	6010D	Total/NA
Copper	24		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Iron	26000	B	22	11	mg/Kg	1	☼	6010D	Total/NA
Lead	71		0.54	0.25	mg/Kg	1	☼	6010D	Total/NA
Magnesium	3100	B	11	5.3	mg/Kg	1	☼	6010D	Total/NA
Manganese	740	B	1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	21		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Silver	3.8		0.54	0.14	mg/Kg	1	☼	6010D	Total/NA
Vanadium	27		0.54	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	120		2.2	0.95	mg/Kg	1	☼	6010D	Total/NA
Iron	0.11	J	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	7.5		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.082		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.10		0.019	0.0077	mg/Kg	1	☼	7471B	Total/NA
pH	7.0		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B01 (5-7) — Lab Sample ID: 500-268736-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.017		0.015	0.0064	mg/Kg	1	☼	8260D	Total/NA
Acenaphthene	0.032	J	0.038	0.0077	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.0066	J	0.038	0.0064	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.11		0.038	0.0078	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.41		0.038	0.0081	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.34		0.038	0.037	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B01 (5-7) (Continued)

Lab Sample ID: 500-268736-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	0.47		0.038	0.036	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.20		0.038	0.017	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.20		0.038	0.014	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.055	J	0.19	0.015	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.43		0.038	0.010	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.060		0.038	0.038	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.033	J	0.19	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.98		0.038	0.0088	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.030	J	0.038	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.21		0.038	0.037	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.058	J	0.077	0.0076	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.028	J	0.038	0.0069	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.47		0.038	0.0083	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.89		0.038	0.010	mg/Kg	1	☼	8270E	Total/NA
Arsenic	5.1		1.2	0.40	mg/Kg	1	☼	6010D	Total/NA
Barium	51		1.2	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.62		0.47	0.11	mg/Kg	1	☼	6010D	Total/NA
Boron	13		5.9	0.55	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.68		0.24	0.042	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		1.2	0.58	mg/Kg	1	☼	6010D	Total/NA
Cobalt	5.8		0.59	0.15	mg/Kg	1	☼	6010D	Total/NA
Copper	18		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Iron	14000	B	24	12	mg/Kg	1	☼	6010D	Total/NA
Lead	31		0.59	0.27	mg/Kg	1	☼	6010D	Total/NA
Magnesium	10000	B	12	5.8	mg/Kg	1	☼	6010D	Total/NA
Manganese	510	B	1.2	0.17	mg/Kg	1	☼	6010D	Total/NA
Nickel	16		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Silver	2.2		0.59	0.15	mg/Kg	1	☼	6010D	Total/NA
Vanadium	28		0.59	0.14	mg/Kg	1	☼	6010D	Total/NA
Zinc	220		2.4	1.0	mg/Kg	1	☼	6010D	Total/NA
Manganese	7.6		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.028		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.11		0.018	0.0075	mg/Kg	1	☼	7471B	Total/NA
pH	7.8		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B02 (1-3)

Lab Sample ID: 500-268736-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.00090	J	0.0039	0.00072	mg/Kg	1	☼	8260D	Total/NA
Acenaphthene	0.010	J	0.037	0.0075	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.027	J	0.037	0.0076	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.060		0.037	0.0078	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.052		0.037	0.036	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.074		0.037	0.035	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.035	J	0.037	0.017	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.029	J	0.037	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.070		0.037	0.0097	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.19		0.037	0.0086	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.022	J	0.037	0.011	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.15		0.037	0.0080	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.16		0.037	0.010	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B02 (1-3) (Continued)

Lab Sample ID: 500-268736-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.2		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	37		1.1	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.28	J	0.45	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	3.7	J	5.6	0.52	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.17	J	0.22	0.040	mg/Kg	1	☼	6010D	Total/NA
Chromium	10		1.1	0.55	mg/Kg	1	☼	6010D	Total/NA
Cobalt	3.9		0.56	0.15	mg/Kg	1	☼	6010D	Total/NA
Copper	8.9		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Iron	15000	B	22	12	mg/Kg	1	☼	6010D	Total/NA
Lead	27		0.56	0.26	mg/Kg	1	☼	6010D	Total/NA
Magnesium	2900	B	11	5.6	mg/Kg	1	☼	6010D	Total/NA
Manganese	350	B	1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	9.5		1.1	0.33	mg/Kg	1	☼	6010D	Total/NA
Silver	2.2		0.56	0.14	mg/Kg	1	☼	6010D	Total/NA
Vanadium	16		0.56	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	31		2.2	0.98	mg/Kg	1	☼	6010D	Total/NA
Iron	6.1		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	6.3		0.010	0.0023	mg/L	1		6010D	TCLP
Iron	10		0.20	0.082	mg/L	1		6010D	SPLP East
Manganese	0.25		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.024		0.017	0.0069	mg/Kg	1	☼	7471B	Total/NA
pH	10.5		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B03 (1-5)

Lab Sample ID: 500-268736-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.020		0.019	0.0080	mg/Kg	1	☼	8260D	Total/NA
Arsenic	5.3		1.3	0.43	mg/Kg	1	☼	6010D	Total/NA
Barium	140		1.3	0.14	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.82		0.50	0.12	mg/Kg	1	☼	6010D	Total/NA
Boron	8.7		6.3	0.59	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.26		0.25	0.045	mg/Kg	1	☼	6010D	Total/NA
Chromium	23		1.3	0.62	mg/Kg	1	☼	6010D	Total/NA
Cobalt	15		0.63	0.16	mg/Kg	1	☼	6010D	Total/NA
Copper	16		1.3	0.35	mg/Kg	1	☼	6010D	Total/NA
Iron	23000	B	25	13	mg/Kg	1	☼	6010D	Total/NA
Lead	18		0.63	0.29	mg/Kg	1	☼	6010D	Total/NA
Magnesium	3400	B	13	6.2	mg/Kg	1	☼	6010D	Total/NA
Manganese	780	B	1.3	0.18	mg/Kg	1	☼	6010D	Total/NA
Nickel	24		1.3	0.37	mg/Kg	1	☼	6010D	Total/NA
Silver	3.4		0.63	0.16	mg/Kg	1	☼	6010D	Total/NA
Vanadium	44		0.63	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	66		2.5	1.1	mg/Kg	1	☼	6010D	Total/NA
Iron	0.15	J	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	33		0.10	0.023	mg/L	10		6010D	TCLP
Chromium	0.0033	J	0.010	0.0017	mg/L	1		6010D	TCLP
Manganese	1.2		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.13		0.020	0.0083	mg/Kg	1	☼	7471B	Total/NA
pH	6.8		0.2	0.2	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B03 (5-12) — Lab Sample ID: 500-268736-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.12		0.036	0.016	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.013	J	0.18	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.022	J	0.036	0.0085	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.012	J	0.036	0.011	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.058	J	0.074	0.0073	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.017	J	0.036	0.0066	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.047		0.036	0.0079	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.035	J	0.036	0.010	mg/Kg	1	☼	8270E	Total/NA
Arsenic	24		1.1	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	19		1.1	0.12	mg/Kg	1	☼	6010D	Total/NA
Beryllium	1.1		0.42	0.099	mg/Kg	1	☼	6010D	Total/NA
Boron	16		5.3	0.49	mg/Kg	1	☼	6010D	Total/NA
Chromium	19		1.1	0.52	mg/Kg	1	☼	6010D	Total/NA
Cobalt	19		0.53	0.14	mg/Kg	1	☼	6010D	Total/NA
Copper	19		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Iron	27000	B	21	11	mg/Kg	1	☼	6010D	Total/NA
Lead	10		0.53	0.24	mg/Kg	1	☼	6010D	Total/NA
Magnesium	2400	B	11	5.3	mg/Kg	1	☼	6010D	Total/NA
Manganese	230	B	1.1	0.15	mg/Kg	1	☼	6010D	Total/NA
Nickel	51		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.68	J	1.1	0.62	mg/Kg	1	☼	6010D	Total/NA
Silver	3.7		0.53	0.14	mg/Kg	1	☼	6010D	Total/NA
Thallium	0.77	J	1.1	0.53	mg/Kg	1	☼	6010D	Total/NA
Vanadium	30		0.53	0.12	mg/Kg	1	☼	6010D	Total/NA
Zinc	19		2.1	0.93	mg/Kg	1	☼	6010D	Total/NA
Iron	0.25		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	1.0		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.0081	J	0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.031		0.018	0.0076	mg/Kg	1	☼	7471B	Total/NA
pH	6.7		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B04 (1-5) — Lab Sample ID: 500-268736-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.077		0.015	0.0063	mg/Kg	1	☼	8260D	Total/NA
Arsenic	3.0		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Barium	75		1.1	0.12	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.53		0.43	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	6.6		5.4	0.50	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.073	J	0.22	0.039	mg/Kg	1	☼	6010D	Total/NA
Chromium	22		1.1	0.53	mg/Kg	1	☼	6010D	Total/NA
Cobalt	9.6		2.7	0.71	mg/Kg	5	☼	6010D	Total/NA
Copper	18		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Iron	17000	B	22	11	mg/Kg	1	☼	6010D	Total/NA
Lead	6.7		0.54	0.25	mg/Kg	1	☼	6010D	Total/NA
Magnesium	3000	B	11	5.4	mg/Kg	1	☼	6010D	Total/NA
Manganese	190	B	1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	18		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Silver	2.4		0.54	0.14	mg/Kg	1	☼	6010D	Total/NA
Vanadium	45		2.7	0.64	mg/Kg	5	☼	6010D	Total/NA
Zinc	35		2.2	0.95	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B04 (1-5) (Continued)

Lab Sample ID: 500-268736-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	14		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	2.8		0.010	0.0023	mg/L	1		6010D	TCLP
Chromium	0.0017	J	0.010	0.0017	mg/L	1		6010D	TCLP
Iron	86		0.20	0.082	mg/L	1		6010D	SPLP East
Manganese	0.72		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.030		0.017	0.0069	mg/Kg	1	☼	7471B	Total/NA
pH	7.9		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B04 (5-12)

Lab Sample ID: 500-268736-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.010	J	0.014	0.0060	mg/Kg	1	☼	8260D	Total/NA
Arsenic	6.5		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	200		1.1	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.79		0.45	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	7.0		5.6	0.52	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.73		0.22	0.040	mg/Kg	1	☼	6010D	Total/NA
Chromium	25		1.1	0.55	mg/Kg	1	☼	6010D	Total/NA
Cobalt	13		0.56	0.15	mg/Kg	1	☼	6010D	Total/NA
Copper	18		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Iron	24000	B	22	12	mg/Kg	1	☼	6010D	Total/NA
Lead	11		0.56	0.26	mg/Kg	1	☼	6010D	Total/NA
Magnesium	3300	B	11	5.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	1100	B	1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	29		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Silver	3.6		0.56	0.14	mg/Kg	1	☼	6010D	Total/NA
Vanadium	43		0.56	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	64		2.2	0.98	mg/Kg	1	☼	6010D	Total/NA
Iron	0.26		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	16		0.010	0.0023	mg/L	1		6010D	TCLP
Chromium	0.0022	J	0.010	0.0017	mg/L	1		6010D	TCLP
Manganese	2.4		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.041		0.020	0.0081	mg/Kg	1	☼	7471B	Total/NA
pH	7.6		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B05 (1-5)

Lab Sample ID: 500-268736-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.012	J	0.042	0.0099	mg/Kg	1	☼	8270E	Total/NA
Arsenic	4.1		1.3	0.44	mg/Kg	1	☼	6010D	Total/NA
Barium	80		1.3	0.15	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.50	J	0.51	0.12	mg/Kg	1	☼	6010D	Total/NA
Boron	6.9		6.4	0.60	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.059	J	0.26	0.046	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.3	0.63	mg/Kg	1	☼	6010D	Total/NA
Cobalt	12		0.64	0.17	mg/Kg	1	☼	6010D	Total/NA
Copper	13		1.3	0.36	mg/Kg	1	☼	6010D	Total/NA
Iron	15000	B	26	13	mg/Kg	1	☼	6010D	Total/NA
Lead	12		0.64	0.30	mg/Kg	1	☼	6010D	Total/NA
Magnesium	2300	B	13	6.4	mg/Kg	1	☼	6010D	Total/NA
Manganese	270	B	1.3	0.19	mg/Kg	1	☼	6010D	Total/NA
Nickel	13		1.3	0.37	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B05 (1-5) (Continued)

Lab Sample ID: 500-268736-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	2.0		0.64	0.17	mg/Kg	1	☼	6010D	Total/NA
Vanadium	40		0.64	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	45		2.6	1.1	mg/Kg	1	☼	6010D	Total/NA
Iron	5.0		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	4.2		0.010	0.0023	mg/L	1		6010D	TCLP
Iron	150		0.20	0.082	mg/L	1		6010D	SPLP East
Manganese	1.8		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.033		0.020	0.0083	mg/Kg	1	☼	7471B	Total/NA
pH	9.9		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B05 (1-5)D

Lab Sample ID: 500-268736-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.1		1.3	0.44	mg/Kg	1	☼	6010D	Total/NA
Barium	120		1.3	0.15	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.83		0.51	0.12	mg/Kg	1	☼	6010D	Total/NA
Boron	9.2		6.4	0.60	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.24	J	0.26	0.046	mg/Kg	1	☼	6010D	Total/NA
Chromium	26		1.3	0.64	mg/Kg	1	☼	6010D	Total/NA
Cobalt	11		0.64	0.17	mg/Kg	1	☼	6010D	Total/NA
Copper	16		1.3	0.36	mg/Kg	1	☼	6010D	Total/NA
Iron	23000	B	26	13	mg/Kg	1	☼	6010D	Total/NA
Lead	11		0.64	0.30	mg/Kg	1	☼	6010D	Total/NA
Magnesium	3200	B	13	6.4	mg/Kg	1	☼	6010D	Total/NA
Manganese	290	B	1.3	0.19	mg/Kg	1	☼	6010D	Total/NA
Nickel	23		1.3	0.37	mg/Kg	1	☼	6010D	Total/NA
Silver	3.3		0.64	0.17	mg/Kg	1	☼	6010D	Total/NA
Vanadium	49		0.64	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	56		2.6	1.1	mg/Kg	1	☼	6010D	Total/NA
Iron	2.1		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	4.5		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	2.3		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.036		0.021	0.0087	mg/Kg	1	☼	7471B	Total/NA
pH	9.9		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B05 (5-12)

Lab Sample ID: 500-268736-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.036	J	0.072	0.015	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]anthracene	0.089		0.072	0.015	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]pyrene	0.13		0.072	0.070	mg/Kg	2	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.16		0.072	0.069	mg/Kg	2	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.42		0.072	0.032	mg/Kg	2	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.039	J	0.072	0.027	mg/Kg	2	☼	8270E	Total/NA
Chrysene	0.086		0.072	0.019	mg/Kg	2	☼	8270E	Total/NA
Dibenzofuran	0.047	J	0.36	0.026	mg/Kg	2	☼	8270E	Total/NA
Fluoranthene	0.11		0.072	0.017	mg/Kg	2	☼	8270E	Total/NA
Fluorene	0.051	J	0.072	0.021	mg/Kg	2	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.13		0.072	0.070	mg/Kg	2	☼	8270E	Total/NA
2-Methylnaphthalene	0.11	J	0.15	0.015	mg/Kg	2	☼	8270E	Total/NA
Naphthalene	0.025	J	0.072	0.013	mg/Kg	2	☼	8270E	Total/NA
Phenanthrene	0.23		0.072	0.016	mg/Kg	2	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B05 (5-12) (Continued)

Lab Sample ID: 500-268736-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.22		0.072	0.020	mg/Kg	2	☼	8270E	Total/NA
Arsenic	5.6		0.99	0.34	mg/Kg	1	☼	6010D	Total/NA
Barium	26		0.99	0.11	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.87		0.39	0.092	mg/Kg	1	☼	6010D	Total/NA
Boron	16		4.9	0.46	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		0.99	0.49	mg/Kg	1	☼	6010D	Total/NA
Cobalt	8.7		0.49	0.13	mg/Kg	1	☼	6010D	Total/NA
Copper	10		0.99	0.28	mg/Kg	1	☼	6010D	Total/NA
Iron	2800	B	20	10	mg/Kg	1	☼	6010D	Total/NA
Lead	7.2		0.49	0.23	mg/Kg	1	☼	6010D	Total/NA
Magnesium	1200	B	9.9	4.9	mg/Kg	1	☼	6010D	Total/NA
Manganese	13	B	0.99	0.14	mg/Kg	1	☼	6010D	Total/NA
Nickel	23		0.99	0.29	mg/Kg	1	☼	6010D	Total/NA
Silver	0.36	J	0.49	0.13	mg/Kg	1	☼	6010D	Total/NA
Vanadium	11		0.49	0.12	mg/Kg	1	☼	6010D	Total/NA
Zinc	30		2.0	0.87	mg/Kg	1	☼	6010D	Total/NA
Iron	0.14	J	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	0.13		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.014		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.013	J	0.017	0.0072	mg/Kg	1	☼	7471B	Total/NA
pH	8.5		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B06 (1-5)

Lab Sample ID: 500-268736-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.028		0.016	0.0066	mg/Kg	1	☼	8260D	Total/NA
Antimony	0.46	J F1	2.3	0.45	mg/Kg	1	☼	6010D	Total/NA
Arsenic	4.2		1.2	0.39	mg/Kg	1	☼	6010D	Total/NA
Barium	120		1.2	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.46		0.46	0.11	mg/Kg	1	☼	6010D	Total/NA
Boron	7.5	B	5.8	0.54	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.26		0.23	0.042	mg/Kg	1	☼	6010D	Total/NA
Chromium	13	F1	1.2	0.57	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.9		2.9	0.76	mg/Kg	5	☼	6010D	Total/NA
Copper	10		1.2	0.32	mg/Kg	1	☼	6010D	Total/NA
Iron	11000		23	12	mg/Kg	1	☼	6010D	Total/NA
Lead	9.9		0.58	0.27	mg/Kg	1	☼	6010D	Total/NA
Magnesium	1600	F1	12	5.7	mg/Kg	1	☼	6010D	Total/NA
Manganese	590	F2	1.2	0.17	mg/Kg	1	☼	6010D	Total/NA
Nickel	15		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Silver	1.8		0.58	0.15	mg/Kg	1	☼	6010D	Total/NA
Thallium	1.5		1.2	0.58	mg/Kg	1	☼	6010D	Total/NA
Vanadium	26	F1	2.9	0.68	mg/Kg	5	☼	6010D	Total/NA
Zinc	51	B	2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Iron	0.36		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	12		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	1.8		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.028		0.020	0.0083	mg/Kg	1	☼	7471B	Total/NA
pH	7.5		0.2	0.2	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B06 (5-12) — Lab Sample ID: 500-268736-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.030		0.018	0.0074	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0044		0.0044	0.0019	mg/Kg	1	☼	8260D	Total/NA
Arsenic	9.0		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	250		1.0	0.12	mg/Kg	1	☼	6010D	Total/NA
Beryllium	1.0		0.42	0.097	mg/Kg	1	☼	6010D	Total/NA
Boron	6.2	B	5.2	0.49	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.12	J	0.21	0.038	mg/Kg	1	☼	6010D	Total/NA
Chromium	21		1.0	0.52	mg/Kg	1	☼	6010D	Total/NA
Cobalt	9.0		0.52	0.14	mg/Kg	1	☼	6010D	Total/NA
Copper	14		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Iron	30000		21	11	mg/Kg	1	☼	6010D	Total/NA
Lead	16		0.52	0.24	mg/Kg	1	☼	6010D	Total/NA
Magnesium	2500		10	5.2	mg/Kg	1	☼	6010D	Total/NA
Manganese	310		1.0	0.15	mg/Kg	1	☼	6010D	Total/NA
Nickel	37		1.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Silver	4.4		0.52	0.13	mg/Kg	1	☼	6010D	Total/NA
Vanadium	43		0.52	0.12	mg/Kg	1	☼	6010D	Total/NA
Zinc	75	B	2.1	0.92	mg/Kg	1	☼	6010D	Total/NA
Iron	12		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	17		0.010	0.0023	mg/L	1		6010D	TCLP
Chromium	0.0027	J	0.010	0.0017	mg/L	1		6010D	TCLP
Iron	13		0.20	0.082	mg/L	1		6010D	SPLP East
Manganese	0.43		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.039		0.019	0.0080	mg/Kg	1	☼	7471B	Total/NA
pH	6.6		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B07 (1-5) — Lab Sample ID: 500-268736-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.024		0.0014	0.00053	mg/Kg	1	☼	8260D	Total/NA
1,1-Dichloroethene	0.0055		0.0014	0.00058	mg/Kg	1	☼	8260D	Total/NA
1,1,1-Trichloroethane	0.039		0.0014	0.00057	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.022	J	0.037	0.0078	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.038		0.037	0.035	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.024	J	0.037	0.0097	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.033	J	0.037	0.0086	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.019	J	0.037	0.0080	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.027	J	0.037	0.010	mg/Kg	1	☼	8270E	Total/NA
Arsenic	4.0		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	120		1.0	0.12	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.59		0.41	0.095	mg/Kg	1	☼	6010D	Total/NA
Boron	8.1	B	5.1	0.48	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.24		0.20	0.037	mg/Kg	1	☼	6010D	Total/NA
Chromium	16		1.0	0.51	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.1		0.51	0.13	mg/Kg	1	☼	6010D	Total/NA
Copper	12		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Iron	13000		20	11	mg/Kg	1	☼	6010D	Total/NA
Lead	12		0.51	0.24	mg/Kg	1	☼	6010D	Total/NA
Magnesium	1800		10	5.1	mg/Kg	1	☼	6010D	Total/NA
Manganese	880		1.0	0.15	mg/Kg	1	☼	6010D	Total/NA
Nickel	15		1.0	0.30	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B07 (1-5) (Continued) — Lab Sample ID: 500-268736-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	2.0		0.51	0.13	mg/Kg	1	☼	6010D	Total/NA
Thallium	1.8		1.0	0.51	mg/Kg	1	☼	6010D	Total/NA
Vanadium	30		0.51	0.12	mg/Kg	1	☼	6010D	Total/NA
Zinc	43	B	2.0	0.90	mg/Kg	1	☼	6010D	Total/NA
Iron	0.63		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	19		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	1.2		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.065		0.018	0.0075	mg/Kg	1	☼	7471B	Total/NA
pH	7.6		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B07 (5-12) — Lab Sample ID: 500-268736-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.017		0.015	0.0063	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0033	J	0.0038	0.0017	mg/Kg	1	☼	8260D	Total/NA
1,1-Dichloroethane	0.0029		0.0015	0.00057	mg/Kg	1	☼	8260D	Total/NA
1,1,1-Trichloroethane	0.0065		0.0015	0.00061	mg/Kg	1	☼	8260D	Total/NA
Fluoranthene	0.013	J	0.040	0.0094	mg/Kg	1	☼	8270E	Total/NA
Arsenic	8.0		1.2	0.42	mg/Kg	1	☼	6010D	Total/NA
Barium	51		1.2	0.14	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.65		0.49	0.11	mg/Kg	1	☼	6010D	Total/NA
Boron	4.9	J B	6.1	0.57	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.063	J	0.25	0.044	mg/Kg	1	☼	6010D	Total/NA
Chromium	17		1.2	0.61	mg/Kg	1	☼	6010D	Total/NA
Cobalt	5.7		0.61	0.16	mg/Kg	1	☼	6010D	Total/NA
Copper	25		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Iron	20000		25	13	mg/Kg	1	☼	6010D	Total/NA
Lead	4.3		0.61	0.28	mg/Kg	1	☼	6010D	Total/NA
Magnesium	1800		12	6.1	mg/Kg	1	☼	6010D	Total/NA
Manganese	290		1.2	0.18	mg/Kg	1	☼	6010D	Total/NA
Nickel	19		1.2	0.36	mg/Kg	1	☼	6010D	Total/NA
Silver	2.8		0.61	0.16	mg/Kg	1	☼	6010D	Total/NA
Thallium	0.75	J	1.2	0.61	mg/Kg	1	☼	6010D	Total/NA
Vanadium	55		0.61	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	27	B	2.5	1.1	mg/Kg	1	☼	6010D	Total/NA
Iron	10		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	6.0		0.010	0.0023	mg/L	1		6010D	TCLP
Iron	35		0.20	0.082	mg/L	1		6010D	SPLP East
Manganese	0.64		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.016	J	0.020	0.0082	mg/Kg	1	☼	7471B	Total/NA
pH	7.3		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B08 (1-5) — Lab Sample ID: 500-268736-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.010	J	0.013	0.0057	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.025	J	0.039	0.0083	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.038	J	0.039	0.037	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.021	J	0.039	0.018	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.028	J	0.039	0.010	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.034	J	0.039	0.0091	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.028	J	0.039	0.0085	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B08 (1-5) (Continued) — Lab Sample ID: 500-268736-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.030	J	0.039	0.011	mg/Kg	1	☼	8270E	Total/NA
Arsenic	2.8		1.1	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	110		1.1	0.12	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.48		0.42	0.098	mg/Kg	1	☼	6010D	Total/NA
Boron	8.7	B	5.3	0.49	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.12	J	0.21	0.038	mg/Kg	1	☼	6010D	Total/NA
Chromium	14		1.1	0.52	mg/Kg	1	☼	6010D	Total/NA
Cobalt	6.4		0.53	0.14	mg/Kg	1	☼	6010D	Total/NA
Copper	10		1.1	0.29	mg/Kg	1	☼	6010D	Total/NA
Iron	11000		21	11	mg/Kg	1	☼	6010D	Total/NA
Lead	6.6		0.53	0.24	mg/Kg	1	☼	6010D	Total/NA
Magnesium	1600		11	5.2	mg/Kg	1	☼	6010D	Total/NA
Manganese	500		1.1	0.15	mg/Kg	1	☼	6010D	Total/NA
Nickel	12		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Silver	1.7		0.53	0.14	mg/Kg	1	☼	6010D	Total/NA
Thallium	1.1		1.1	0.53	mg/Kg	1	☼	6010D	Total/NA
Vanadium	25		0.53	0.12	mg/Kg	1	☼	6010D	Total/NA
Zinc	27	B	2.1	0.92	mg/Kg	1	☼	6010D	Total/NA
Iron	1.2	B	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	10		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	2.1		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.025		0.019	0.0080	mg/Kg	1	☼	7471B	Total/NA
pH	8.4		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B08 (5-12) — Lab Sample ID: 500-268736-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0077	J	0.018	0.0077	mg/Kg	1	☼	8260D	Total/NA
Arsenic	2.5		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	37		1.1	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.33	J	0.45	0.11	mg/Kg	1	☼	6010D	Total/NA
Boron	4.5	J B	5.6	0.52	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.049	J	0.22	0.040	mg/Kg	1	☼	6010D	Total/NA
Chromium	16		1.1	0.56	mg/Kg	1	☼	6010D	Total/NA
Cobalt	3.2		0.56	0.15	mg/Kg	1	☼	6010D	Total/NA
Copper	11		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Iron	12000		22	12	mg/Kg	1	☼	6010D	Total/NA
Lead	3.3		0.56	0.26	mg/Kg	1	☼	6010D	Total/NA
Magnesium	1400		11	5.6	mg/Kg	1	☼	6010D	Total/NA
Manganese	120		1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	9.9		1.1	0.33	mg/Kg	1	☼	6010D	Total/NA
Silver	1.7		0.56	0.15	mg/Kg	1	☼	6010D	Total/NA
Vanadium	34		0.56	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	18	B	2.2	0.99	mg/Kg	1	☼	6010D	Total/NA
Iron	20	B	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	2.5		0.010	0.0023	mg/L	1		6010D	TCLP
Iron	53		0.20	0.082	mg/L	1		6010D	SPLP East
Manganese	0.51		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.010	J	0.019	0.0077	mg/Kg	1	☼	7471B	Total/NA
pH	8.3		0.2	0.2	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B09 (1-5) — Lab Sample ID: 500-268736-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.3		1.2	0.43	mg/Kg	1	☼	6010D	Total/NA
Barium	72		1.2	0.14	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.66		0.50	0.12	mg/Kg	1	☼	6010D	Total/NA
Boron	7.5	B	6.2	0.58	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.15	J	0.25	0.045	mg/Kg	1	☼	6010D	Total/NA
Chromium	23		1.2	0.62	mg/Kg	1	☼	6010D	Total/NA
Cobalt	11		3.1	0.82	mg/Kg	5	☼	6010D	Total/NA
Copper	26		1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Iron	22000		25	13	mg/Kg	1	☼	6010D	Total/NA
Lead	8.2		0.62	0.29	mg/Kg	1	☼	6010D	Total/NA
Magnesium	4100		12	6.2	mg/Kg	1	☼	6010D	Total/NA
Manganese	320		1.2	0.18	mg/Kg	1	☼	6010D	Total/NA
Nickel	25		1.2	0.36	mg/Kg	1	☼	6010D	Total/NA
Silver	3.1		0.62	0.16	mg/Kg	1	☼	6010D	Total/NA
Thallium	0.82	J	1.2	0.62	mg/Kg	1	☼	6010D	Total/NA
Vanadium	59		3.1	0.73	mg/Kg	5	☼	6010D	Total/NA
Zinc	35	B	2.5	1.1	mg/Kg	1	☼	6010D	Total/NA
Iron	0.33	B	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	0.066		0.010	0.0023	mg/L	1		6010D	TCLP
Chromium	0.0058	J B	0.010	0.0017	mg/L	1		6010D	TCLP
Mercury	0.025		0.020	0.0083	mg/Kg	1	☼	7471B	Total/NA
pH	7.4		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B09 (5-12) — Lab Sample ID: 500-268736-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.029	J	0.036	0.0077	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.043		0.036	0.035	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.052		0.036	0.034	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.17		0.036	0.016	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.029	J	0.036	0.0095	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.029	J	0.18	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.027	J	0.036	0.0084	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.030	J	0.036	0.011	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.14		0.073	0.0072	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.019	J	0.036	0.0065	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.11		0.036	0.0079	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.059		0.036	0.0099	mg/Kg	1	☼	8270E	Total/NA
Arsenic	3.1		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	30		1.1	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.81		0.44	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	12	B	5.5	0.52	mg/Kg	1	☼	6010D	Total/NA
Chromium	11		1.1	0.55	mg/Kg	1	☼	6010D	Total/NA
Cobalt	14		0.55	0.15	mg/Kg	1	☼	6010D	Total/NA
Copper	10		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Iron	10000		22	12	mg/Kg	1	☼	6010D	Total/NA
Lead	10		0.55	0.26	mg/Kg	1	☼	6010D	Total/NA
Magnesium	1200		11	5.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	300		1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	20		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Silver	1.4		0.55	0.14	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B09 (5-12) (Continued) — Lab Sample ID: 500-268736-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.78	J	1.1	0.55	mg/Kg	1	☼	6010D	Total/NA
Vanadium	11		0.55	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	26	B	2.2	0.97	mg/Kg	1	☼	6010D	Total/NA
Iron	9.5	B	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	0.65		0.010	0.0023	mg/L	1		6010D	TCLP
Iron	2.3		0.20	0.082	mg/L	1		6010D	SPLP East
Manganese	0.010		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.013	J	0.017	0.0069	mg/Kg	1	☼	7471B	Total/NA
pH	8.6		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B10 (1-5) — Lab Sample ID: 500-268736-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.3		1.2	0.40	mg/Kg	1	☼	6010D	Total/NA
Barium	86		1.2	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.78		0.47	0.11	mg/Kg	1	☼	6010D	Total/NA
Boron	7.3	B	5.8	0.54	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.13	J	0.23	0.042	mg/Kg	1	☼	6010D	Total/NA
Chromium	27		1.2	0.58	mg/Kg	1	☼	6010D	Total/NA
Cobalt	14		2.9	0.76	mg/Kg	5	☼	6010D	Total/NA
Copper	22		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Iron	23000		23	12	mg/Kg	1	☼	6010D	Total/NA
Lead	8.6		0.58	0.27	mg/Kg	1	☼	6010D	Total/NA
Magnesium	4700		12	5.8	mg/Kg	1	☼	6010D	Total/NA
Manganese	280		1.2	0.17	mg/Kg	1	☼	6010D	Total/NA
Nickel	26		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Silver	3.2		0.58	0.15	mg/Kg	1	☼	6010D	Total/NA
Thallium	0.63	J	1.2	0.58	mg/Kg	1	☼	6010D	Total/NA
Vanadium	61		2.9	0.69	mg/Kg	5	☼	6010D	Total/NA
Zinc	45	B	2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Iron	0.35	B	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	0.077		0.010	0.0023	mg/L	1		6010D	TCLP
Chromium	0.0036	J B	0.010	0.0017	mg/L	1		6010D	TCLP
Mercury	0.019		0.018	0.0076	mg/Kg	1	☼	7471B	Total/NA
pH	7.9		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B10 (1-5)D — Lab Sample ID: 500-268736-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.3		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	52		1.1	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.53		0.44	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	5.5	J B	5.6	0.52	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.11	J	0.22	0.040	mg/Kg	1	☼	6010D	Total/NA
Chromium	17		1.1	0.55	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.6		2.8	0.73	mg/Kg	5	☼	6010D	Total/NA
Copper	17		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Iron	16000		22	12	mg/Kg	1	☼	6010D	Total/NA
Lead	6.0		0.56	0.26	mg/Kg	1	☼	6010D	Total/NA
Magnesium	2700		11	5.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	220		1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	18		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B10 (1-5)D (Continued) — Lab Sample ID: 500-268736-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silver	2.2		0.56	0.14	mg/Kg	1	☼	6010D	Total/NA
Vanadium	43		2.8	0.65	mg/Kg	5	☼	6010D	Total/NA
Zinc	29	B	2.2	0.97	mg/Kg	1	☼	6010D	Total/NA
Iron	0.37	B	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	0.034		0.010	0.0023	mg/L	1		6010D	TCLP
Mercury	0.015	J	0.018	0.0074	mg/Kg	1	☼	7471B	Total/NA
pH	7.4		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B10 (5-12) — Lab Sample ID: 500-268736-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.0042		0.0017	0.00064	mg/Kg	1	☼	8260D	Total/NA
1,1-Dichloroethene	0.0012	J	0.0017	0.00070	mg/Kg	1	☼	8260D	Total/NA
Arsenic	2.3		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Barium	24		1.1	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.31	J	0.46	0.11	mg/Kg	1	☼	6010D	Total/NA
Boron	3.2	J B	5.7	0.54	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.084	J	0.23	0.041	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		1.1	0.57	mg/Kg	1	☼	6010D	Total/NA
Cobalt	5.0		0.57	0.15	mg/Kg	1	☼	6010D	Total/NA
Copper	11		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Iron	10000		23	12	mg/Kg	1	☼	6010D	Total/NA
Lead	2.8		0.57	0.27	mg/Kg	1	☼	6010D	Total/NA
Magnesium	1800		11	5.7	mg/Kg	1	☼	6010D	Total/NA
Manganese	200		1.1	0.17	mg/Kg	1	☼	6010D	Total/NA
Nickel	12		1.1	0.33	mg/Kg	1	☼	6010D	Total/NA
Silver	1.6		0.57	0.15	mg/Kg	1	☼	6010D	Total/NA
Vanadium	23		0.57	0.14	mg/Kg	1	☼	6010D	Total/NA
Zinc	17	B	2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Iron	0.34	B	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	1.7		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.48		0.010	0.0023	mg/L	1		6010D	SPLP East
pH	7.5		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B11 (1-5) — Lab Sample ID: 500-268736-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.5		1.2	0.40	mg/Kg	1	☼	6010D	Total/NA
Barium	69		1.2	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.69		0.47	0.11	mg/Kg	1	☼	6010D	Total/NA
Boron	7.7	B	5.9	0.55	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.11	J	0.23	0.042	mg/Kg	1	☼	6010D	Total/NA
Chromium	23		1.2	0.58	mg/Kg	1	☼	6010D	Total/NA
Cobalt	1.9		0.59	0.15	mg/Kg	1	☼	6010D	Total/NA
Copper	21		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Iron	20000		23	12	mg/Kg	1	☼	6010D	Total/NA
Lead	7.8		0.59	0.27	mg/Kg	1	☼	6010D	Total/NA
Magnesium	4000		12	5.8	mg/Kg	1	☼	6010D	Total/NA
Manganese	240		1.2	0.17	mg/Kg	1	☼	6010D	Total/NA
Nickel	20		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Silver	2.8		0.59	0.15	mg/Kg	1	☼	6010D	Total/NA
Thallium	0.68	J	1.2	0.59	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B11 (1-5) (Continued)

Lab Sample ID: 500-268736-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vanadium	9.7		0.59	0.14	mg/Kg	1	☼	6010D	Total/NA
Zinc	41	B	2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Iron	0.34	B	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	0.047		0.010	0.0023	mg/L	1		6010D	TCLP
Chromium	0.0030	J B	0.010	0.0017	mg/L	1		6010D	TCLP
Mercury	0.026		0.019	0.0079	mg/Kg	1	☼	7471B	Total/NA
pH	7.6		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B11 (5-12)

Lab Sample ID: 500-268736-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.7		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Barium	32		1.1	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.33	J	0.46	0.11	mg/Kg	1	☼	6010D	Total/NA
Boron	5.0	J B	5.7	0.53	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.067	J	0.23	0.041	mg/Kg	1	☼	6010D	Total/NA
Chromium	14		1.1	0.56	mg/Kg	1	☼	6010D	Total/NA
Cobalt	3.9		0.57	0.15	mg/Kg	1	☼	6010D	Total/NA
Copper	8.2		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Iron	11000		23	12	mg/Kg	1	☼	6010D	Total/NA
Lead	3.4		0.57	0.26	mg/Kg	1	☼	6010D	Total/NA
Magnesium	2400		11	5.6	mg/Kg	1	☼	6010D	Total/NA
Manganese	130		1.1	0.17	mg/Kg	1	☼	6010D	Total/NA
Nickel	11		1.1	0.33	mg/Kg	1	☼	6010D	Total/NA
Silver	1.6		0.57	0.15	mg/Kg	1	☼	6010D	Total/NA
Vanadium	24		0.57	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	21	B	2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Manganese	2.6		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.38		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.013	J	0.019	0.0080	mg/Kg	1	☼	7471B	Total/NA
pH	7.3		0.2	0.2	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B01 (1-5)
Date Collected: 05/20/25 13:30
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-1
Matrix: Solid
Percent Solids: 85.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0076	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Benzene	<0.0018		0.0018	0.00057	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Bromodichloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Bromoform	<0.0018		0.0018	0.0011	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Bromomethane	<0.0045		0.0045	0.0022	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
2-Butanone (MEK)	<0.0045		0.0045	0.0020	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Carbon disulfide	<0.0045		0.0045	0.00083	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Carbon tetrachloride	<0.0018		0.0018	0.00062	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Chlorobenzene	<0.0018		0.0018	0.00076	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Chloroethane	<0.0045		0.0045	0.0015	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Chloroform	<0.0018		0.0018	0.0013	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Chloromethane	<0.0045		0.0045	0.00088	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00073	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00073	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Dibromochloromethane	<0.0018		0.0018	0.00084	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
1,1-Dichloroethane	<0.0018		0.0018	0.00068	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
1,2-Dichloroethane	<0.0045		0.0045	0.0012	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
1,1-Dichloroethene	<0.0018		0.0018	0.00074	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Ethylbenzene	<0.0018		0.0018	0.00095	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
2-Hexanone	<0.0045		0.0045	0.0027	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Methylene Chloride	<0.0045		0.0045	0.0019	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
4-Methyl-2-pentanone (MIBK)	<0.0045		0.0045	0.0032	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00058	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Styrene	<0.0018		0.0018	0.00081	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00090	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Tetrachloroethene	<0.0018		0.0018	0.0010	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Toluene	<0.0018		0.0018	0.00036	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00068	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00087	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00073	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00068	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Trichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Vinyl acetate	<0.0045		0.0045	0.0011	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Vinyl chloride	<0.0018	*1	0.0018	0.00074	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
Xylenes, Total	<0.0036		0.0036	0.00062	mg/Kg	☼	05/22/25 11:10	05/30/25 13:25	1
1,3-Dichloropropene, Total	<1.8		1.8	0.87	ug/Kg	☼	05/22/25 11:10	05/30/25 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*75 - 131*	*05/22/25 11:10*	*05/30/25 13:25*	*1*
Dibromofluoromethane	*111*		*75 - 126*	*05/22/25 11:10*	*05/30/25 13:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*131*		*70 - 134*	*05/22/25 11:10*	*05/30/25 13:25*	*1*
Toluene-d8 (Surr)	*94*		*75 - 124*	*05/22/25 11:10*	*05/30/25 13:25*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.35**		0.075	0.015	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Acenaphthylene	**0.036**	**J**	0.075	0.013	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Anthracene	**1.3**		0.075	0.015	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Benzo[a]anthracene	**4.2**		0.075	0.016	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2

Client Sample ID: 5-B01 (1-5)

Date Collected: 05/20/25 13:30
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-1

Matrix: Solid
Percent Solids: 85.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**4.0**		0.075	0.072	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Benzo[b]fluoranthene	**5.6**		0.075	0.071	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Benzo[g,h,i]perylene	**2.6**		0.075	0.034	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Benzo[k]fluoranthene	**2.0**		0.075	0.029	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Bis(2-chloroethoxy)methane	<0.38		0.38	0.028	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Bis(2-chloroethyl)ether	<0.38		0.38	0.035	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Bis(2-ethylhexyl) phthalate	<0.38		0.38	0.29	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
4-Bromophenyl phenyl ether	<0.38		0.38	0.051	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Butyl benzyl phthalate	<0.38		0.38	0.037	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Carbazole	**0.65**		0.38	0.030	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
4-Chloroaniline	<1.5		1.5	0.79	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
4-Chloro-3-methylphenol	<0.75		0.75	0.063	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
2-Chloronaphthalene	<0.38		0.38	0.028	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
2-Chlorophenol	<0.38		0.38	0.024	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
4-Chlorophenyl phenyl ether	<0.38		0.38	0.098	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Chrysene	**4.4**		0.075	0.020	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Dibenz(a,h)anthracene	**0.83**		0.075	0.075	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Dibenzofuran	**0.26**	**J**	0.38	0.027	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
1,2-Dichlorobenzene	<0.38		0.38	0.031	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
1,3-Dichlorobenzene	<0.38		0.38	0.034	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
1,4-Dichlorobenzene	<0.38		0.38	0.036	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
3,3'-Dichlorobenzidine	<0.38		0.38	0.33	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
2,4-Dichlorophenol	<0.75		0.75	0.026	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Diethyl phthalate	<0.38		0.38	0.034	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
2,4-Dimethylphenol	<0.75		0.75	0.17	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Dimethyl phthalate	<0.38		0.38	0.016	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Di-n-butyl phthalate	<0.38		0.38	0.024	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
4,6-Dinitro-2-methylphenol	<1.5		1.5	0.42	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
2,4-Dinitrophenol	<1.5		1.5	0.43	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
2,4-Dinitrotoluene	<0.38		0.38	0.043	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
2,6-Dinitrotoluene	<0.38		0.38	0.053	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Di-n-octyl phthalate	<0.75		0.75	0.52	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Fluoranthene	**9.0**		0.075	0.017	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Fluorene	**0.44**		0.075	0.022	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Hexachlorobenzene	<0.15		0.15	0.014	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Hexachlorobutadiene	<0.38		0.38	0.042	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Hexachlorocyclopentadiene	<1.5		1.5	0.80	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Hexachloroethane	<0.38		0.38	0.038	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Indeno[1,2,3-cd]pyrene	**2.7**		0.075	0.073	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Isophorone	<0.38		0.38	0.039	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
2-Methylnaphthalene	**0.091**	**J**	0.15	0.015	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
2-Methylphenol	<0.38		0.38	0.040	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
3 & 4 Methylphenol	<0.38		0.38	0.055	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Naphthalene	**0.074**	**J**	0.075	0.014	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
2-Nitroaniline	<0.38	*-	0.38	0.040	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
3-Nitroaniline	<0.75		0.75	0.034	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
4-Nitroaniline	**0.071**	**J**	0.75	0.055	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Nitrobenzene	<0.075		0.075	0.024	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
2-Nitrophenol	<0.75		0.75	0.051	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B01 (1-5)
Date Collected: 05/20/25 13:30
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-1
Matrix: Solid
Percent Solids: 85.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<1.5		1.5	0.81	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
N-Nitrosodi-n-propylamine	<0.15		0.15	0.043	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
N-Nitrosodiphenylamine	<0.38		0.38	0.15	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
2,2'-oxybis[1-chloropropane]	<0.38		0.38	0.054	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Pentachlorophenol	<1.5		1.5	0.84	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Phenanthrene	**4.8**		0.075	0.016	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Phenol	<0.38		0.38	0.033	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
Pyrene	**6.9**		0.075	0.020	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
1,2,4-Trichlorobenzene	<0.38		0.38	0.054	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
2,4,5-Trichlorophenol	<0.75		0.75	0.028	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2
2,4,6-Trichlorophenol	<0.75		0.75	0.026	mg/Kg	☼	05/28/25 07:39	05/29/25 00:01	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*59*		*43 - 145*	*05/28/25 07:39*	*05/29/25 00:01*	*2*
2-Fluorophenol	*49*		*31 - 166*	*05/28/25 07:39*	*05/29/25 00:01*	*2*
Nitrobenzene-d5 (Surr)	*46*		*37 - 147*	*05/28/25 07:39*	*05/29/25 00:01*	*2*
Phenol-d5	*49*		*30 - 153*	*05/28/25 07:39*	*05/29/25 00:01*	*2*
Terphenyl-d14 (Surr)	*64*		*42 - 157*	*05/28/25 07:39*	*05/29/25 00:01*	*2*
2,4,6-Tribromophenol	*70*		*31 - 143*	*05/28/25 07:39*	*05/29/25 00:01*	*2*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<9.7	F2 F1	9.7	5.4	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
beta-BHC	<9.7	F2 F1	9.7	7.8	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
delta-BHC	<9.7	F2 F1	9.7	4.6	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
gamma-BHC (Lindane)	<9.7	F2 F1	9.7	4.8	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
Heptachlor	<9.7	F2 F1	9.7	5.2	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
Aldrin	<9.7	F2	9.7	6.7	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
Heptachlor epoxide	<9.7		9.7	5.2	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
Endosulfan I	<9.7		9.7	5.2	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
Dieldrin	<9.7		9.7	5.0	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
4,4'-DDE	<9.7		9.7	5.0	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
Endrin	<9.7		9.7	4.9	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
Endosulfan II	<9.7		9.7	5.3	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
4,4'-DDD	<9.7		9.7	5.2	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
Endosulfan sulfate	<9.7		9.7	5.3	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
4,4'-DDT	<9.7		9.7	4.6	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
Methoxychlor	<47		47	6.3	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
Endrin ketone	<9.7		9.7	4.7	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
Endrin aldehyde	<9.7	F1	9.7	5.5	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
alpha-Chlordane	<9.7		9.7	5.2	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
gamma-Chlordane	<9.7		9.7	5.5	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5
Toxaphene	<95		95	39	ug/Kg	☼	05/27/25 14:12	05/28/25 15:01	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*108*		*33 - 148*	*05/27/25 14:12*	*05/28/25 15:01*	*5*
Tetrachloro-m-xylene	*67*		*30 - 121*	*05/27/25 14:12*	*05/28/25 15:01*	*5*

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B01 (1-5)
Date Collected: 05/20/25 13:30
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-1
Matrix: Solid
Percent Solids: 85.2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.019		0.019	0.0075	mg/Kg	☼	05/27/25 14:12	05/28/25 19:14	1
PCB-1221	<0.019		0.019	0.0075	mg/Kg	☼	05/27/25 14:12	05/28/25 19:14	1
PCB-1232	<0.019		0.019	0.0052	mg/Kg	☼	05/27/25 14:12	05/28/25 19:14	1
PCB-1242	<0.019		0.019	0.0074	mg/Kg	☼	05/27/25 14:12	05/28/25 19:14	1
PCB-1248	<0.019		0.019	0.0091	mg/Kg	☼	05/27/25 14:12	05/28/25 19:14	1
PCB-1254	<0.019		0.019	0.0065	mg/Kg	☼	05/27/25 14:12	05/28/25 19:14	1
PCB-1260	<0.019		0.019	0.0072	mg/Kg	☼	05/27/25 14:12	05/28/25 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*49 - 129*	*05/27/25 14:12*	*05/28/25 19:14*	*1*
DCB Decachlorobiphenyl	*100*		*37 - 121*	*05/27/25 14:12*	*05/28/25 19:14*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.42	mg/Kg	☼	05/27/25 18:14	05/28/25 17:08	1
Arsenic	**7.8**		1.1	0.37	mg/Kg	☼	05/27/25 18:14	05/28/25 17:08	1
Barium	**97**		1.1	0.12	mg/Kg	☼	05/27/25 18:14	05/28/25 17:08	1
Beryllium	**0.73**		0.43	0.10	mg/Kg	☼	05/27/25 18:14	05/28/25 17:08	1
Boron	**15**		5.4	0.50	mg/Kg	☼	05/27/25 18:14	05/28/25 17:08	1
Cadmium	**0.77**		0.22	0.039	mg/Kg	☼	05/27/25 18:14	05/28/25 17:08	1
Chromium	**18**		1.1	0.53	mg/Kg	☼	05/27/25 18:14	05/28/25 17:08	1
Cobalt	**9.6**		0.54	0.14	mg/Kg	☼	05/27/25 18:14	05/28/25 17:08	1
Copper	**24**		1.1	0.30	mg/Kg	☼	05/27/25 18:14	05/28/25 17:08	1
Iron	**26000**	**B**	22	11	mg/Kg	☼	05/27/25 18:14	05/28/25 17:08	1
Lead	**71**		0.54	0.25	mg/Kg	☼	05/27/25 18:14	05/28/25 17:08	1
Magnesium	**3100**	**B**	11	5.3	mg/Kg	☼	05/27/25 18:14	05/28/25 17:08	1
Manganese	**740**	**B**	1.1	0.16	mg/Kg	☼	05/27/25 18:14	05/28/25 17:08	1
Nickel	**21**		1.1	0.31	mg/Kg	☼	05/27/25 18:14	05/28/25 17:08	1
Selenium	<1.1		1.1	0.63	mg/Kg	☼	05/27/25 18:14	05/28/25 17:08	1
Silver	**3.8**		0.54	0.14	mg/Kg	☼	05/27/25 18:14	05/28/25 17:08	1
Thallium	<1.1		1.1	0.54	mg/Kg	☼	05/27/25 18:14	05/30/25 19:00	1
Vanadium	**27**		0.54	0.13	mg/Kg	☼	05/27/25 18:14	05/28/25 17:08	1
Zinc	**120**		2.2	0.95	mg/Kg	☼	05/27/25 18:14	05/28/25 17:08	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.11**	**J**	0.20	0.082	mg/L		05/27/25 14:42	05/28/25 15:56	1
Manganese	**7.5**		0.010	0.0023	mg/L		05/27/25 14:42	05/28/25 15:56	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.082**		0.010	0.0023	mg/L		05/27/25 08:07	05/27/25 22:13	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.10**		0.019	0.0077	mg/Kg	☼	05/30/25 15:05	06/02/25 08:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.14	mg/Kg	☼	05/27/25 13:12	05/28/25 09:11	1
pH (SW846 9045D)	**7.0**		0.2	0.2	SU			05/23/25 11:40	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B01 (5-7)
Date Collected: 05/20/25 15:50
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-2
Matrix: Solid
Percent Solids: 82.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.017**		0.015	0.0064	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Benzene	<0.0015		0.0015	0.00048	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Bromodichloromethane	<0.0015		0.0015	0.00049	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Bromoform	<0.0015		0.0015	0.00089	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Bromomethane	<0.0038		0.0038	0.0019	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
2-Butanone (MEK)	<0.0038		0.0038	0.0017	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Carbon disulfide	<0.0038		0.0038	0.00070	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Carbon tetrachloride	<0.0015		0.0015	0.00052	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Chlorobenzene	<0.0015		0.0015	0.00064	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Chloroethane	<0.0038		0.0038	0.0012	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Chloromethane	<0.0038		0.0038	0.00074	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00061	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00061	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Dibromochloromethane	<0.0015		0.0015	0.00070	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
1,1-Dichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
1,2-Dichloroethane	<0.0038		0.0038	0.00098	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
1,1-Dichloroethene	<0.0015		0.0015	0.00062	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Ethylbenzene	<0.0015		0.0015	0.00080	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
2-Hexanone	<0.0038		0.0038	0.0023	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Methylene Chloride	<0.0038		0.0038	0.0016	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
4-Methyl-2-pentanone (MIBK)	<0.0038		0.0038	0.0027	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00049	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Styrene	<0.0015		0.0015	0.00068	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00075	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Tetrachloroethene	<0.0015		0.0015	0.00085	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Toluene	<0.0015		0.0015	0.00031	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00057	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00073	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00061	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Trichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Vinyl acetate	<0.0038		0.0038	0.00091	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Vinyl chloride	<0.0015	*1	0.0015	0.00062	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
Xylenes, Total	<0.0030		0.0030	0.00052	mg/Kg	☼	05/22/25 11:10	05/30/25 13:50	1
1,3-Dichloropropene, Total	<1.5		1.5	0.73	ug/Kg	☼	05/22/25 11:10	05/30/25 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*75 - 131*	*05/22/25 11:10*	*05/30/25 13:50*	*1*
Dibromofluoromethane	*117*		*75 - 126*	*05/22/25 11:10*	*05/30/25 13:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*136*	*S1+*	*70 - 134*	*05/22/25 11:10*	*05/30/25 13:50*	*1*
Toluene-d8 (Surr)	*93*		*75 - 124*	*05/22/25 11:10*	*05/30/25 13:50*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.032**	**J**	0.038	0.0077	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Acenaphthylene	**0.0066**	**J**	0.038	0.0064	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Anthracene	**0.11**		0.038	0.0078	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Benzo[a]anthracene	**0.41**		0.038	0.0081	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1

Client Sample ID: 5-B01 (5-7)
Date Collected: 05/20/25 15:50
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-2
Matrix: Solid
Percent Solids: 82.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.34**		0.038	0.037	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Benzo[b]fluoranthene	**0.47**		0.038	0.036	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Benzo[g,h,i]perylene	**0.20**		0.038	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Benzo[k]fluoranthene	**0.20**		0.038	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Carbazole	**0.055**	**J**	0.19	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
4-Chloroaniline	<0.77		0.77	0.40	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
4-Chloro-3-methylphenol	<0.38		0.38	0.032	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Chrysene	**0.43**		0.038	0.010	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Dibenz(a,h)anthracene	**0.060**		0.038	0.038	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Dibenzofuran	**0.033**	**J**	0.19	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.17	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
2,4-Dichlorophenol	<0.38		0.38	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
2,4-Dimethylphenol	<0.38		0.38	0.085	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Dimethyl phthalate	<0.19		0.19	0.0083	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.21	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
2,4-Dinitrophenol	<0.77		0.77	0.22	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
2,6-Dinitrotoluene	<0.19		0.19	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Fluoranthene	**0.98**		0.038	0.0088	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Fluorene	**0.030**	**J**	0.038	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Hexachlorobenzene	<0.077		0.077	0.0073	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Hexachlorocyclopentadiene	<0.77		0.77	0.40	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Indeno[1,2,3-cd]pyrene	**0.21**		0.038	0.037	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Isophorone	<0.19		0.19	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
2-Methylnaphthalene	**0.058**	**J**	0.077	0.0076	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Naphthalene	**0.028**	**J**	0.038	0.0069	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
2-Nitroaniline	<0.19	*-	0.19	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1

Client Sample ID: 5-B01 (5-7)

Date Collected: 05/20/25 15:50
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-2

Matrix: Solid
Percent Solids: 82.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.77		0.77	0.41	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
N-Nitrosodi-n-propylamine	<0.077		0.077	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
N-Nitrosodiphenylamine	<0.19		0.19	0.075	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Pentachlorophenol	<0.77		0.77	0.43	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Phenanthrene	**0.47**		0.038	0.0083	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Phenol	<0.19		0.19	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
Pyrene	**0.89**		0.038	0.010	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
2,4,5-Trichlorophenol	<0.38		0.38	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*65*		*43 - 145*	*05/28/25 07:39*	*05/28/25 20:23*	*1*
2-Fluorophenol	*56*		*31 - 166*	*05/28/25 07:39*	*05/28/25 20:23*	*1*
Nitrobenzene-d5 (Surr)	*50*		*37 - 147*	*05/28/25 07:39*	*05/28/25 20:23*	*1*
Phenol-d5	*54*		*30 - 153*	*05/28/25 07:39*	*05/28/25 20:23*	*1*
Terphenyl-d14 (Surr)	*84*		*42 - 157*	*05/28/25 07:39*	*05/28/25 20:23*	*1*
2,4,6-Tribromophenol	*82*		*31 - 143*	*05/28/25 07:39*	*05/28/25 20:23*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.4		2.4	0.46	mg/Kg	☼	05/27/25 18:14	05/28/25 17:12	1
Arsenic	**5.1**		1.2	0.40	mg/Kg	☼	05/27/25 18:14	05/28/25 17:12	1
Barium	**51**		1.2	0.13	mg/Kg	☼	05/27/25 18:14	05/28/25 17:12	1
Beryllium	**0.62**		0.47	0.11	mg/Kg	☼	05/27/25 18:14	05/28/25 17:12	1
Boron	**13**		5.9	0.55	mg/Kg	☼	05/27/25 18:14	05/28/25 17:12	1
Cadmium	**0.68**		0.24	0.042	mg/Kg	☼	05/27/25 18:14	05/28/25 17:12	1
Chromium	**15**		1.2	0.58	mg/Kg	☼	05/27/25 18:14	05/28/25 17:12	1
Cobalt	**5.8**		0.59	0.15	mg/Kg	☼	05/27/25 18:14	05/28/25 17:12	1
Copper	**18**		1.2	0.33	mg/Kg	☼	05/27/25 18:14	05/28/25 17:12	1
Iron	**14000**	**B**	24	12	mg/Kg	☼	05/27/25 18:14	05/28/25 17:12	1
Lead	**31**		0.59	0.27	mg/Kg	☼	05/27/25 18:14	05/28/25 17:12	1
Magnesium	**10000**	**B**	12	5.8	mg/Kg	☼	05/27/25 18:14	05/28/25 17:12	1
Manganese	**510**	**B**	1.2	0.17	mg/Kg	☼	05/27/25 18:14	05/28/25 17:12	1
Nickel	**16**		1.2	0.34	mg/Kg	☼	05/27/25 18:14	05/28/25 17:12	1
Selenium	<1.2		1.2	0.69	mg/Kg	☼	05/27/25 18:14	05/28/25 17:12	1
Silver	**2.2**		0.59	0.15	mg/Kg	☼	05/27/25 18:14	05/28/25 17:12	1
Thallium	<1.2		1.2	0.59	mg/Kg	☼	05/27/25 18:14	05/30/25 19:05	1
Vanadium	**28**		0.59	0.14	mg/Kg	☼	05/27/25 18:14	05/28/25 17:12	1
Zinc	**220**		2.4	1.0	mg/Kg	☼	05/27/25 18:14	05/28/25 17:12	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.20		0.20	0.082	mg/L		05/27/25 14:42	05/28/25 16:01	1
Manganese	**7.6**		0.010	0.0023	mg/L		05/27/25 14:42	05/28/25 16:01	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.028**		0.010	0.0023	mg/L		05/27/25 08:07	05/27/25 22:31	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B01 (5-7)
Date Collected: 05/20/25 15:50
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-2
Matrix: Solid
Percent Solids: 82.1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.018	0.0075	mg/Kg	☼	05/30/25 15:05	06/02/25 08:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.13	mg/Kg	☼	05/27/25 13:12	05/28/25 09:11	1
pH (SW846 9045D)	7.8		0.2	0.2	SU			05/23/25 11:42	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B02 (1-3)
Date Collected: 05/21/25 09:20
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-3
Matrix: Solid
Percent Solids: 89.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0065	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Benzene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Bromodichloromethane	<0.0016		0.0016	0.00050	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Bromoform	<0.0016		0.0016	0.00091	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Bromomethane	<0.0039		0.0039	0.0019	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
2-Butanone (MEK)	<0.0039		0.0039	0.0017	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Carbon disulfide	**0.00090**	**J**	0.0039	0.00072	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Carbon tetrachloride	<0.0016		0.0016	0.00053	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Chlorobenzene	<0.0016		0.0016	0.00066	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Chloroethane	<0.0039		0.0039	0.0013	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Chloroform	<0.0016		0.0016	0.0011	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Chloromethane	<0.0039		0.0039	0.00075	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00063	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00062	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Dibromochloromethane	<0.0016		0.0016	0.00072	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
1,1-Dichloroethane	<0.0016		0.0016	0.00059	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
1,2-Dichloroethane	<0.0039		0.0039	0.0010	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
1,1-Dichloroethene	<0.0016		0.0016	0.00064	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
1,2-Dichloropropane	<0.0016		0.0016	0.00040	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Ethylbenzene	<0.0016		0.0016	0.00082	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
2-Hexanone	<0.0039		0.0039	0.0024	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Methylene Chloride	<0.0039		0.0039	0.0017	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
4-Methyl-2-pentanone (MIBK)	<0.0039		0.0039	0.0028	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00050	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Styrene	<0.0016		0.0016	0.00070	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00077	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Tetrachloroethene	<0.0016		0.0016	0.00087	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Toluene	<0.0016		0.0016	0.00031	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00059	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00075	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00063	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00058	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Trichloroethene	<0.0016		0.0016	0.00042	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Vinyl acetate	<0.0039		0.0039	0.00093	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Vinyl chloride	<0.0016	*1	0.0016	0.00064	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
Xylenes, Total	<0.0031		0.0031	0.00053	mg/Kg	☼	05/22/25 14:55	05/30/25 16:08	1
1,3-Dichloropropene, Total	<1.6		1.6	0.75	ug/Kg	☼	05/22/25 14:55	05/30/25 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*75 - 131*	*05/22/25 14:55*	*05/30/25 16:08*	*1*
Dibromofluoromethane	*110*		*75 - 126*	*05/22/25 14:55*	*05/30/25 16:08*	*1*
1,2-Dichloroethane-d4 (Surr)	*123*		*70 - 134*	*05/22/25 14:55*	*05/30/25 16:08*	*1*
Toluene-d8 (Surr)	*96*		*75 - 124*	*05/22/25 14:55*	*05/30/25 16:08*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.010**	**J**	0.037	0.0075	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Anthracene	**0.027**	**J**	0.037	0.0076	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Benzo[a]anthracene	**0.060**		0.037	0.0078	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1

Client Sample ID: 5-B02 (1-3)
Date Collected: 05/21/25 09:20
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-3
Matrix: Solid
Percent Solids: 89.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.052**		0.037	0.036	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Benzo[b]fluoranthene	**0.074**		0.037	0.035	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Benzo[g,h,i]perylene	**0.035**	**J**	0.037	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Benzo[k]fluoranthene	**0.029**	**J**	0.037	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.14	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.025	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Butyl benzyl phthalate	<0.19		0.19	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
4-Chloroaniline	<0.75		0.75	0.39	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.048	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Chrysene	**0.070**		0.037	0.0097	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
1,4-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
2,4-Dimethylphenol	<0.37		0.37	0.083	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Dimethyl phthalate	<0.19		0.19	0.0080	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.21	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
2,4-Dinitrophenol	<0.75		0.75	0.21	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Fluoranthene	**0.19**		0.037	0.0086	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Fluorene	**0.022**	**J**	0.037	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Hexachlorobenzene	<0.075		0.075	0.0071	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Hexachlorocyclopentadiene	<0.75		0.75	0.39	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Hexachloroethane	<0.19		0.19	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.036	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
2-Methylnaphthalene	<0.075		0.075	0.0074	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
2-Methylphenol	<0.19		0.19	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Naphthalene	<0.037		0.037	0.0067	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
2-Nitroaniline	<0.19	*-	0.19	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B02 (1-3)
Date Collected: 05/21/25 09:20
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-3
Matrix: Solid
Percent Solids: 89.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.75		0.75	0.40	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
N-Nitrosodiphenylamine	<0.19		0.19	0.073	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Pentachlorophenol	<0.75		0.75	0.41	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Phenanthrene	**0.15**		0.037	0.0080	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Phenol	<0.19		0.19	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
Pyrene	**0.16**		0.037	0.010	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*58*		*43 - 145*	*05/28/25 07:39*	*05/28/25 16:45*	*1*
2-Fluorophenol	*50*		*31 - 166*	*05/28/25 07:39*	*05/28/25 16:45*	*1*
Nitrobenzene-d5 (Surr)	*45*		*37 - 147*	*05/28/25 07:39*	*05/28/25 16:45*	*1*
Phenol-d5	*47*		*30 - 153*	*05/28/25 07:39*	*05/28/25 16:45*	*1*
Terphenyl-d14 (Surr)	*82*		*42 - 157*	*05/28/25 07:39*	*05/28/25 16:45*	*1*
2,4,6-Tribromophenol	*80*		*31 - 143*	*05/28/25 07:39*	*05/28/25 16:45*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<190		190	110	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
beta-BHC	<190		190	150	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
delta-BHC	<190		190	90	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
gamma-BHC (Lindane)	<190		190	93	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
Heptachlor	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
Aldrin	<190		190	130	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
Heptachlor epoxide	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
Endosulfan I	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
Dieldrin	<190		190	98	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
4,4'-DDE	<190		190	96	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
Endrin	<190		190	96	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
Endosulfan II	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
4,4'-DDD	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
Endosulfan sulfate	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
4,4'-DDT	<190		190	89	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
Methoxychlor	<920		920	120	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
Endrin ketone	<190		190	91	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
Endrin aldehyde	<190		190	110	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
alpha-Chlordane	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
gamma-Chlordane	<190		190	110	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100
Toxaphene	<1900		1900	750	ug/Kg	☼	05/27/25 14:12	05/30/25 15:34	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*33 - 148*	*05/27/25 14:12*	*05/30/25 15:34*	*100*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 121*	*05/27/25 14:12*	*05/30/25 15:34*	*100*

Client Sample ID: 5-B02 (1-3)

Date Collected: 05/21/25 09:20
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-3

Matrix: Solid
Percent Solids: 89.1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.019		0.019	0.0073	mg/Kg	☼	05/27/25 14:12	05/28/25 19:59	1
PCB-1221	<0.019		0.019	0.0073	mg/Kg	☼	05/27/25 14:12	05/28/25 19:59	1
PCB-1232	<0.019		0.019	0.0050	mg/Kg	☼	05/27/25 14:12	05/28/25 19:59	1
PCB-1242	<0.019		0.019	0.0072	mg/Kg	☼	05/27/25 14:12	05/28/25 19:59	1
PCB-1248	<0.019		0.019	0.0088	mg/Kg	☼	05/27/25 14:12	05/28/25 19:59	1
PCB-1254	<0.019		0.019	0.0063	mg/Kg	☼	05/27/25 14:12	05/28/25 19:59	1
PCB-1260	<0.019		0.019	0.0070	mg/Kg	☼	05/27/25 14:12	05/28/25 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*49 - 129*	*05/27/25 14:12*	*05/28/25 19:59*	*1*
DCB Decachlorobiphenyl	*54*		*37 - 121*	*05/27/25 14:12*	*05/28/25 19:59*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.44	mg/Kg	☼	05/27/25 18:14	05/28/25 17:16	1
Arsenic	**2.2**		1.1	0.38	mg/Kg	☼	05/27/25 18:14	05/28/25 17:16	1
Barium	**37**		1.1	0.13	mg/Kg	☼	05/27/25 18:14	05/28/25 17:16	1
Beryllium	**0.28**	**J**	0.45	0.10	mg/Kg	☼	05/27/25 18:14	05/28/25 17:16	1
Boron	**3.7**	**J**	5.6	0.52	mg/Kg	☼	05/27/25 18:14	05/28/25 17:16	1
Cadmium	**0.17**	**J**	0.22	0.040	mg/Kg	☼	05/27/25 18:14	05/28/25 17:16	1
Chromium	**10**		1.1	0.55	mg/Kg	☼	05/27/25 18:14	05/28/25 17:16	1
Cobalt	**3.9**		0.56	0.15	mg/Kg	☼	05/27/25 18:14	05/28/25 17:16	1
Copper	**8.9**		1.1	0.31	mg/Kg	☼	05/27/25 18:14	05/28/25 17:16	1
Iron	**15000**	**B**	22	12	mg/Kg	☼	05/27/25 18:14	05/28/25 17:16	1
Lead	**27**		0.56	0.26	mg/Kg	☼	05/27/25 18:14	05/28/25 17:16	1
Magnesium	**2900**	**B**	11	5.6	mg/Kg	☼	05/27/25 18:14	05/28/25 17:16	1
Manganese	**350**	**B**	1.1	0.16	mg/Kg	☼	05/27/25 18:14	05/28/25 17:16	1
Nickel	**9.5**		1.1	0.33	mg/Kg	☼	05/27/25 18:14	05/28/25 17:16	1
Selenium	<1.1		1.1	0.66	mg/Kg	☼	05/27/25 18:14	05/28/25 17:16	1
Silver	**2.2**		0.56	0.14	mg/Kg	☼	05/27/25 18:14	05/28/25 17:16	1
Thallium	<1.1		1.1	0.56	mg/Kg	☼	05/27/25 18:14	05/30/25 19:09	1
Vanadium	**16**		0.56	0.13	mg/Kg	☼	05/27/25 18:14	05/28/25 17:16	1
Zinc	**31**		2.2	0.98	mg/Kg	☼	05/27/25 18:14	05/28/25 17:16	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**6.1**		0.20	0.082	mg/L		05/27/25 14:42	05/28/25 16:06	1
Manganese	**6.3**		0.010	0.0023	mg/L		05/27/25 14:42	05/28/25 16:06	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**10**		0.20	0.082	mg/L		05/27/25 08:07	05/27/25 22:35	1
Manganese	**0.25**		0.010	0.0023	mg/L		05/27/25 08:07	05/27/25 22:35	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.024**		0.017	0.0069	mg/Kg	☼	05/30/25 15:05	06/02/25 08:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.13	mg/Kg	☼	05/27/25 13:12	05/28/25 09:13	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B02 (1-3)
Date Collected: 05/21/25 09:20
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-3
Matrix: Solid
Percent Solids: 89.1

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	10.5		0.2	0.2	SU			05/23/25 11:45	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B03 (1-5)
Date Collected: 05/21/25 09:50
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-4
Matrix: Solid
Percent Solids: 78.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.020**		0.019	0.0080	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Benzene	<0.0019		0.0019	0.00060	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Bromodichloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Bromomethane	<0.0048		0.0048	0.0023	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
2-Butanone (MEK)	<0.0048		0.0048	0.0021	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Carbon disulfide	<0.0048		0.0048	0.00088	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Carbon tetrachloride	<0.0019		0.0019	0.00065	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Chlorobenzene	<0.0019		0.0019	0.00080	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Chloroethane	<0.0048		0.0048	0.0016	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Chloroform	<0.0019		0.0019	0.0014	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Chloromethane	<0.0048		0.0048	0.00092	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00077	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00076	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Dibromochloromethane	<0.0019		0.0019	0.00088	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
1,1-Dichloroethane	<0.0019		0.0019	0.00072	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
1,2-Dichloroethane	<0.0048		0.0048	0.0012	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
1,1-Dichloroethene	<0.0019		0.0019	0.00078	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Ethylbenzene	<0.0019		0.0019	0.0010	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
2-Hexanone	<0.0048		0.0048	0.0029	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Methylene Chloride	<0.0048		0.0048	0.0020	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
4-Methyl-2-pentanone (MIBK)	<0.0048		0.0048	0.0034	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00061	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Styrene	<0.0019		0.0019	0.00086	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00094	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Tetrachloroethene	<0.0019		0.0019	0.0011	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Toluene	<0.0019		0.0019	0.00038	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00072	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00091	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00077	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00071	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Trichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Vinyl acetate	<0.0048		0.0048	0.0011	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Vinyl chloride	<0.0019	*1	0.0019	0.00078	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
Xylenes, Total	<0.0038		0.0038	0.00065	mg/Kg	☼	05/22/25 14:55	05/30/25 16:33	1
1,3-Dichloropropene, Total	<1.9		1.9	0.91	ug/Kg	☼	05/22/25 14:55	05/30/25 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*75 - 131*	*05/22/25 14:55*	*05/30/25 16:33*	*1*
Dibromofluoromethane	*113*		*75 - 126*	*05/22/25 14:55*	*05/30/25 16:33*	*1*
1,2-Dichloroethane-d4 (Surr)	*127*		*70 - 134*	*05/22/25 14:55*	*05/30/25 16:33*	*1*
Toluene-d8 (Surr)	*95*		*75 - 124*	*05/22/25 14:55*	*05/30/25 16:33*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.041		0.041	0.0084	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Acenaphthylene	<0.041		0.041	0.0070	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Anthracene	<0.041		0.041	0.0084	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Benzo[a]anthracene	<0.041		0.041	0.0088	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B03 (1-5)
Date Collected: 05/21/25 09:50
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-4
Matrix: Solid
Percent Solids: 78.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.041		0.041	0.040	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Benzo[b]fluoranthene	<0.041		0.041	0.039	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Benzo[g,h,i]perylene	<0.041		0.041	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Benzo[k]fluoranthene	<0.041		0.041	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.16	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Butyl benzyl phthalate	<0.21		0.21	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Carbazole	<0.21		0.21	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
4-Chloroaniline	<0.83		0.83	0.43	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
4-Chloro-3-methylphenol	<0.41		0.41	0.035	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
2-Chloronaphthalene	<0.21		0.21	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
2-Chlorophenol	<0.21		0.21	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.054	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Chrysene	<0.041		0.041	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Dibenz(a,h)anthracene	<0.041		0.041	0.041	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Dibenzofuran	<0.21		0.21	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
1,2-Dichlorobenzene	<0.21		0.21	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
1,3-Dichlorobenzene	<0.21		0.21	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
1,4-Dichlorobenzene	<0.21		0.21	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.18	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
2,4-Dichlorophenol	<0.41		0.41	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Diethyl phthalate	<0.21		0.21	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
2,4-Dimethylphenol	<0.41		0.41	0.092	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Dimethyl phthalate	<0.21		0.21	0.0090	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Di-n-butyl phthalate	<0.21		0.21	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
4,6-Dinitro-2-methylphenol	<0.83		0.83	0.23	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
2,4-Dinitrophenol	<0.83		0.83	0.24	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
2,4-Dinitrotoluene	<0.21		0.21	0.024	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
2,6-Dinitrotoluene	<0.21		0.21	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Di-n-octyl phthalate	<0.41		0.41	0.29	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Fluoranthene	<0.041		0.041	0.0096	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Fluorene	<0.041		0.041	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Hexachlorobenzene	<0.083		0.083	0.0079	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Hexachlorobutadiene	<0.21		0.21	0.023	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Hexachlorocyclopentadiene	<0.83		0.83	0.44	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Hexachloroethane	<0.21		0.21	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Indeno[1,2,3-cd]pyrene	<0.041		0.041	0.040	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Isophorone	<0.21		0.21	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
2-Methylnaphthalene	<0.083		0.083	0.0083	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
2-Methylphenol	<0.21		0.21	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
3 & 4 Methylphenol	<0.21		0.21	0.030	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Naphthalene	<0.041		0.041	0.0075	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
2-Nitroaniline	<0.21	*-	0.21	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
3-Nitroaniline	<0.41		0.41	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
4-Nitroaniline	<0.41		0.41	0.030	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Nitrobenzene	<0.041		0.041	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
2-Nitrophenol	<0.41		0.41	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B03 (1-5)
Date Collected: 05/21/25 09:50
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-4
Matrix: Solid
Percent Solids: 78.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.83		0.83	0.45	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
N-Nitrosodi-n-propylamine	<0.083		0.083	0.024	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
N-Nitrosodiphenylamine	<0.21		0.21	0.082	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.030	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Pentachlorophenol	<0.83		0.83	0.46	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Phenanthrene	<0.041		0.041	0.0090	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Phenol	<0.21		0.21	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
Pyrene	<0.041		0.041	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
1,2,4-Trichlorobenzene	<0.21		0.21	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
2,4,5-Trichlorophenol	<0.41		0.41	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1
2,4,6-Trichlorophenol	<0.41		0.41	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*63*		*43 - 145*	*05/28/25 07:39*	*05/28/25 17:09*	*1*
2-Fluorophenol	*58*		*31 - 166*	*05/28/25 07:39*	*05/28/25 17:09*	*1*
Nitrobenzene-d5 (Surr)	*44*		*37 - 147*	*05/28/25 07:39*	*05/28/25 17:09*	*1*
Phenol-d5	*55*		*30 - 153*	*05/28/25 07:39*	*05/28/25 17:09*	*1*
Terphenyl-d14 (Surr)	*87*		*42 - 157*	*05/28/25 07:39*	*05/28/25 17:09*	*1*
2,4,6-Tribromophenol	*92*		*31 - 143*	*05/28/25 07:39*	*05/28/25 17:09*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<210		210	120	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
beta-BHC	<210		210	170	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
delta-BHC	<210		210	99	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
gamma-BHC (Lindane)	<210		210	100	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
Heptachlor	<210		210	110	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
Aldrin	<210		210	140	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
Heptachlor epoxide	<210		210	110	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
Endosulfan I	<210		210	110	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
Dieldrin	<210		210	110	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
4,4'-DDE	<210		210	110	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
Endrin	<210		210	110	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
Endosulfan II	<210		210	110	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
4,4'-DDD	<210		210	110	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
Endosulfan sulfate	<210		210	110	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
4,4'-DDT	<210		210	99	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
Methoxychlor	<1000		1000	140	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
Endrin ketone	<210		210	100	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
Endrin aldehyde	<210		210	120	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
alpha-Chlordane	<210		210	110	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
gamma-Chlordane	<210		210	120	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100
Toxaphene	<2100		2100	830	ug/Kg	☼	05/27/25 14:12	05/30/25 15:46	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*33 - 148*	*05/27/25 14:12*	*05/30/25 15:46*	*100*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 121*	*05/27/25 14:12*	*05/30/25 15:46*	*100*

Client Sample ID: 5-B03 (1-5)

Date Collected: 05/21/25 09:50
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-4

Matrix: Solid
Percent Solids: 78.5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.021		0.021	0.0081	mg/Kg	☼	05/27/25 14:12	05/28/25 20:14	1
PCB-1221	<0.021		0.021	0.0081	mg/Kg	☼	05/27/25 14:12	05/28/25 20:14	1
PCB-1232	<0.021		0.021	0.0056	mg/Kg	☼	05/27/25 14:12	05/28/25 20:14	1
PCB-1242	<0.021		0.021	0.0080	mg/Kg	☼	05/27/25 14:12	05/28/25 20:14	1
PCB-1248	<0.021		0.021	0.0098	mg/Kg	☼	05/27/25 14:12	05/28/25 20:14	1
PCB-1254	<0.021		0.021	0.0070	mg/Kg	☼	05/27/25 14:12	05/28/25 20:14	1
PCB-1260	<0.021		0.021	0.0077	mg/Kg	☼	05/27/25 14:12	05/28/25 20:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*49 - 129*	*05/27/25 14:12*	*05/28/25 20:14*	*1*
DCB Decachlorobiphenyl	*76*		*37 - 121*	*05/27/25 14:12*	*05/28/25 20:14*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.5		2.5	0.49	mg/Kg	☼	05/27/25 18:14	05/28/25 17:21	1
Arsenic	**5.3**		1.3	0.43	mg/Kg	☼	05/27/25 18:14	05/28/25 17:21	1
Barium	**140**		1.3	0.14	mg/Kg	☼	05/27/25 18:14	05/28/25 17:21	1
Beryllium	**0.82**		0.50	0.12	mg/Kg	☼	05/27/25 18:14	05/28/25 17:21	1
Boron	**8.7**		6.3	0.59	mg/Kg	☼	05/27/25 18:14	05/28/25 17:21	1
Cadmium	**0.26**		0.25	0.045	mg/Kg	☼	05/27/25 18:14	05/28/25 17:21	1
Chromium	**23**		1.3	0.62	mg/Kg	☼	05/27/25 18:14	05/28/25 17:21	1
Cobalt	**15**		0.63	0.16	mg/Kg	☼	05/27/25 18:14	05/28/25 17:21	1
Copper	**16**		1.3	0.35	mg/Kg	☼	05/27/25 18:14	05/28/25 17:21	1
Iron	**23000**	**B**	25	13	mg/Kg	☼	05/27/25 18:14	05/28/25 17:21	1
Lead	**18**		0.63	0.29	mg/Kg	☼	05/27/25 18:14	05/28/25 17:21	1
Magnesium	**3400**	**B**	13	6.2	mg/Kg	☼	05/27/25 18:14	05/28/25 17:21	1
Manganese	**780**	**B**	1.3	0.18	mg/Kg	☼	05/27/25 18:14	05/28/25 17:21	1
Nickel	**24**		1.3	0.37	mg/Kg	☼	05/27/25 18:14	05/28/25 17:21	1
Selenium	<1.3		1.3	0.74	mg/Kg	☼	05/27/25 18:14	05/28/25 17:21	1
Silver	**3.4**		0.63	0.16	mg/Kg	☼	05/27/25 18:14	05/28/25 17:21	1
Thallium	<1.3		1.3	0.63	mg/Kg	☼	05/27/25 18:14	05/30/25 19:13	1
Vanadium	**44**		0.63	0.15	mg/Kg	☼	05/27/25 18:14	05/28/25 17:21	1
Zinc	**66**		2.5	1.1	mg/Kg	☼	05/27/25 18:14	05/28/25 17:21	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.15**	**J**	0.20	0.082	mg/L		05/27/25 14:42	05/28/25 16:10	1
Manganese	**33**		0.10	0.023	mg/L		05/27/25 14:42	05/29/25 20:52	10
Chromium	**0.0033**	**J**	0.010	0.0017	mg/L		05/27/25 14:42	05/28/25 16:10	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**1.2**		0.010	0.0023	mg/L		05/27/25 08:07	05/27/25 22:39	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.13**		0.020	0.0083	mg/Kg	☼	05/30/25 15:05	06/02/25 08:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.28		0.28	0.14	mg/Kg	☼	05/27/25 13:12	05/28/25 09:16	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B03 (1-5)
Date Collected: 05/21/25 09:50
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-4
Matrix: Solid
Percent Solids: 78.5

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	6.8		0.2	0.2	SU			05/23/25 11:49	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B03 (5-12)
Date Collected: 05/21/25 09:55
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-5
Matrix: Solid
Percent Solids: 86.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0062	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Benzene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Bromodichloromethane	<0.0015		0.0015	0.00047	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Bromoform	<0.0015		0.0015	0.00086	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Bromomethane	<0.0037		0.0037	0.0018	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
2-Butanone (MEK)	<0.0037		0.0037	0.0016	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Carbon disulfide	<0.0037		0.0037	0.00068	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Carbon tetrachloride	<0.0015		0.0015	0.00050	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Chlorobenzene	<0.0015		0.0015	0.00062	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Chloroethane	<0.0037		0.0037	0.0012	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Chloromethane	<0.0037		0.0037	0.00071	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00059	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00059	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Dibromochloromethane	<0.0015		0.0015	0.00068	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
1,1-Dichloroethane	<0.0015		0.0015	0.00055	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
1,2-Dichloroethane	<0.0037		0.0037	0.00095	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
1,1-Dichloroethene	<0.0015		0.0015	0.00060	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Ethylbenzene	<0.0015		0.0015	0.00077	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
2-Hexanone	<0.0037		0.0037	0.0022	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Methylene Chloride	<0.0037		0.0037	0.0016	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
4-Methyl-2-pentanone (MIBK)	<0.0037		0.0037	0.0026	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00047	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Styrene	<0.0015		0.0015	0.00066	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00073	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Tetrachloroethene	<0.0015		0.0015	0.00082	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Toluene	<0.0015		0.0015	0.00030	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00056	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00070	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00059	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00055	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Trichloroethene	<0.0015		0.0015	0.00040	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Vinyl acetate	<0.0037		0.0037	0.00088	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Vinyl chloride	<0.0015	*1	0.0015	0.00060	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
Xylenes, Total	<0.0029		0.0029	0.00050	mg/Kg	☼	05/22/25 14:55	05/30/25 16:58	1
1,3-Dichloropropene, Total	<1.5		1.5	0.70	ug/Kg	☼	05/22/25 14:55	05/30/25 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*75 - 131*	*05/22/25 14:55*	*05/30/25 16:58*	*1*
Dibromofluoromethane	*115*		*75 - 126*	*05/22/25 14:55*	*05/30/25 16:58*	*1*
1,2-Dichloroethane-d4 (Surr)	*134*		*70 - 134*	*05/22/25 14:55*	*05/30/25 16:58*	*1*
Toluene-d8 (Surr)	*99*		*75 - 124*	*05/22/25 14:55*	*05/30/25 16:58*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.036		0.036	0.0074	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Acenaphthylene	<0.036		0.036	0.0062	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Anthracene	<0.036		0.036	0.0075	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Benzo[a]anthracene	<0.036		0.036	0.0077	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B03 (5-12)
Date Collected: 05/21/25 09:55
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-5
Matrix: Solid
Percent Solids: 86.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Benzo[b]fluoranthene	<0.036		0.036	0.035	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Benzo[g,h,i]perylene	**0.12**		0.036	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
4-Chloroaniline	<0.74		0.74	0.38	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
4-Chloro-3-methylphenol	<0.36		0.36	0.031	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
2-Chloronaphthalene	<0.18		0.18	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Chrysene	<0.036		0.036	0.0096	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Dibenzofuran	**0.013**	**J**	0.18	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
2,4-Dimethylphenol	<0.36		0.36	0.082	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Dimethyl phthalate	<0.18		0.18	0.0079	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Di-n-butyl phthalate	<0.18		0.18	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
2,6-Dinitrotoluene	<0.18		0.18	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Di-n-octyl phthalate	<0.36		0.36	0.25	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Fluoranthene	**0.022**	**J**	0.036	0.0085	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Fluorene	**0.012**	**J**	0.036	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Hexachlorobenzene	<0.074		0.074	0.0070	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Hexachlorobutadiene	<0.18		0.18	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Hexachlorocyclopentadiene	<0.74		0.74	0.39	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.036	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Isophorone	<0.18		0.18	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
2-Methylnaphthalene	**0.058**	**J**	0.074	0.0073	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
3 & 4 Methylphenol	<0.18		0.18	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Naphthalene	**0.017**	**J**	0.036	0.0066	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
2-Nitroaniline	<0.18	*-	0.18	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
3-Nitroaniline	<0.36		0.36	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Nitrobenzene	<0.036		0.036	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
2-Nitrophenol	<0.36		0.36	0.025	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1

Client Sample ID: 5-B03 (5-12)

Date Collected: 05/21/25 09:55
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-5

Matrix: Solid
Percent Solids: 86.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.74		0.74	0.39	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
N-Nitrosodiphenylamine	<0.18		0.18	0.072	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Pentachlorophenol	<0.74		0.74	0.41	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Phenanthrene	**0.047**		0.036	0.0079	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Phenol	<0.18		0.18	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
Pyrene	**0.035**	**J**	0.036	0.010	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
2,4,5-Trichlorophenol	<0.36		0.36	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*65*		*43 - 145*	*05/28/25 07:39*	*05/28/25 17:34*	*1*
2-Fluorophenol	*60*		*31 - 166*	*05/28/25 07:39*	*05/28/25 17:34*	*1*
Nitrobenzene-d5 (Surr)	*52*		*37 - 147*	*05/28/25 07:39*	*05/28/25 17:34*	*1*
Phenol-d5	*56*		*30 - 153*	*05/28/25 07:39*	*05/28/25 17:34*	*1*
Terphenyl-d14 (Surr)	*74*		*42 - 157*	*05/28/25 07:39*	*05/28/25 17:34*	*1*
2,4,6-Tribromophenol	*72*		*31 - 143*	*05/28/25 07:39*	*05/28/25 17:34*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.1		2.1	0.41	mg/Kg	☼	05/27/25 18:14	05/28/25 17:25	1
Arsenic	**24**		1.1	0.36	mg/Kg	☼	05/27/25 18:14	05/28/25 17:25	1
Barium	**19**		1.1	0.12	mg/Kg	☼	05/27/25 18:14	05/28/25 17:25	1
Beryllium	**1.1**		0.42	0.099	mg/Kg	☼	05/27/25 18:14	05/28/25 17:25	1
Boron	**16**		5.3	0.49	mg/Kg	☼	05/27/25 18:14	05/28/25 17:25	1
Cadmium	<0.21		0.21	0.038	mg/Kg	☼	05/27/25 18:14	05/28/25 17:25	1
Chromium	**19**		1.1	0.52	mg/Kg	☼	05/27/25 18:14	05/28/25 17:25	1
Cobalt	**19**		0.53	0.14	mg/Kg	☼	05/27/25 18:14	05/28/25 17:25	1
Copper	**19**		1.1	0.30	mg/Kg	☼	05/27/25 18:14	05/28/25 17:25	1
Iron	**27000**	**B**	21	11	mg/Kg	☼	05/27/25 18:14	05/28/25 17:25	1
Lead	**10**		0.53	0.24	mg/Kg	☼	05/27/25 18:14	05/28/25 17:25	1
Magnesium	**2400**	**B**	11	5.3	mg/Kg	☼	05/27/25 18:14	05/28/25 17:25	1
Manganese	**230**	**B**	1.1	0.15	mg/Kg	☼	05/27/25 18:14	05/28/25 17:25	1
Nickel	**51**		1.1	0.31	mg/Kg	☼	05/27/25 18:14	05/28/25 17:25	1
Selenium	**0.68**	**J**	1.1	0.62	mg/Kg	☼	05/27/25 18:14	05/28/25 17:25	1
Silver	**3.7**		0.53	0.14	mg/Kg	☼	05/27/25 18:14	05/28/25 17:25	1
Thallium	**0.77**	**J**	1.1	0.53	mg/Kg	☼	05/27/25 18:14	05/30/25 19:18	1
Vanadium	**30**		0.53	0.12	mg/Kg	☼	05/27/25 18:14	05/28/25 17:25	1
Zinc	**19**		2.1	0.93	mg/Kg	☼	05/27/25 18:14	05/28/25 17:25	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.25**		0.20	0.082	mg/L		05/27/25 14:42	05/28/25 16:24	1
Manganese	**1.0**		0.010	0.0023	mg/L		05/27/25 14:42	05/28/25 16:24	1
Arsenic	<0.010		0.010	0.0037	mg/L		05/27/25 14:42	05/28/25 16:24	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B03 (5-12)

Date Collected: 05/21/25 09:55
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-5

Matrix: Solid
Percent Solids: 86.0

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.0081**	**J**	0.010	0.0023	mg/L		05/27/25 08:07	05/27/25 22:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.031**		0.018	0.0076	mg/Kg	☼	05/30/25 15:05	06/02/25 08:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.24		0.24	0.12	mg/Kg	☼	05/27/25 13:12	05/28/25 09:18	1
pH (SW846 9045D)	**6.7**		0.2	0.2	SU			05/23/25 11:52	1

Client Sample ID: 5-B04 (1-5)

Date Collected: 05/21/25 10:30
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-6

Matrix: Solid
Percent Solids: 87.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.077**		0.015	0.0063	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Benzene	<0.0015		0.0015	0.00047	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Bromodichloromethane	<0.0015		0.0015	0.00048	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Bromoform	<0.0015		0.0015	0.00087	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Bromomethane	<0.0037		0.0037	0.0018	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
2-Butanone (MEK)	<0.0037		0.0037	0.0016	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Carbon disulfide	<0.0037		0.0037	0.00069	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Carbon tetrachloride	<0.0015		0.0015	0.00051	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Chlorobenzene	<0.0015		0.0015	0.00063	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Chloroethane	<0.0037		0.0037	0.0012	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Chloromethane	<0.0037		0.0037	0.00072	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00060	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00060	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Dibromochloromethane	<0.0015		0.0015	0.00069	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
1,1-Dichloroethane	<0.0015		0.0015	0.00056	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
1,2-Dichloroethane	<0.0037		0.0037	0.00097	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
1,1-Dichloroethene	<0.0015		0.0015	0.00061	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Ethylbenzene	<0.0015		0.0015	0.00078	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
2-Hexanone	<0.0037		0.0037	0.0023	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Methylene Chloride	<0.0037		0.0037	0.0016	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
4-Methyl-2-pentanone (MIBK)	<0.0037		0.0037	0.0027	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00048	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Styrene	<0.0015		0.0015	0.00067	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00074	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Tetrachloroethene	<0.0015		0.0015	0.00084	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Toluene	<0.0015		0.0015	0.00030	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00056	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00072	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00060	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00056	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Trichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Vinyl acetate	<0.0037		0.0037	0.00089	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Vinyl chloride	<0.0015	*1	0.0015	0.00061	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
Xylenes, Total	<0.0030		0.0030	0.00051	mg/Kg	☼	05/22/25 14:55	05/30/25 17:23	1
1,3-Dichloropropene, Total	<1.5		1.5	0.72	ug/Kg	☼	05/22/25 14:55	05/30/25 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*75 - 131*	*05/22/25 14:55*	*05/30/25 17:23*	*1*
Dibromofluoromethane	*112*		*75 - 126*	*05/22/25 14:55*	*05/30/25 17:23*	*1*
1,2-Dichloroethane-d4 (Surr)	*127*		*70 - 134*	*05/22/25 14:55*	*05/30/25 17:23*	*1*
Toluene-d8 (Surr)	*107*		*75 - 124*	*05/22/25 14:55*	*05/30/25 17:23*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.036		0.036	0.0074	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Acenaphthylene	<0.036		0.036	0.0062	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Anthracene	<0.036		0.036	0.0074	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Benzo[a]anthracene	<0.036		0.036	0.0077	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1

Client Sample ID: 5-B04 (1-5)
Date Collected: 05/21/25 10:30
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-6
Matrix: Solid
Percent Solids: 87.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Benzo[b]fluoranthene	<0.036		0.036	0.035	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Benzo[g,h,i]perylene	<0.036		0.036	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
4-Chloroaniline	<0.73		0.73	0.38	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
4-Chloro-3-methylphenol	<0.36		0.36	0.030	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
2-Chloronaphthalene	<0.18		0.18	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Chrysene	<0.036		0.036	0.0096	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
2,4-Dimethylphenol	<0.36		0.36	0.081	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Dimethyl phthalate	<0.18		0.18	0.0079	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.20	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
2,4-Dinitrophenol	<0.73		0.73	0.21	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
2,6-Dinitrotoluene	<0.18		0.18	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Di-n-octyl phthalate	<0.36		0.36	0.25	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Fluoranthene	<0.036		0.036	0.0084	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Fluorene	<0.036		0.036	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Hexachlorobenzene	<0.073		0.073	0.0070	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Hexachlorocyclopentadiene	<0.73		0.73	0.39	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.035	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Isophorone	<0.18		0.18	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
2-Methylnaphthalene	<0.073		0.073	0.0073	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
3 & 4 Methylphenol	<0.18		0.18	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Naphthalene	<0.036		0.036	0.0066	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
2-Nitroaniline	<0.18	*-	0.18	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
3-Nitroaniline	<0.36		0.36	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Nitrobenzene	<0.036		0.036	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
2-Nitrophenol	<0.36		0.36	0.025	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B04 (1-5)
Date Collected: 05/21/25 10:30
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-6
Matrix: Solid
Percent Solids: 87.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.73		0.73	0.39	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
N-Nitrosodiphenylamine	<0.18		0.18	0.072	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Pentachlorophenol	<0.73		0.73	0.41	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Phenanthrene	<0.036		0.036	0.0079	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Phenol	<0.18		0.18	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
Pyrene	<0.036		0.036	0.0099	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
2,4,5-Trichlorophenol	<0.36		0.36	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*50*		*43 - 145*	*05/28/25 07:39*	*05/28/25 17:58*	*1*
2-Fluorophenol	*51*		*31 - 166*	*05/28/25 07:39*	*05/28/25 17:58*	*1*
Nitrobenzene-d5 (Surr)	*42*		*37 - 147*	*05/28/25 07:39*	*05/28/25 17:58*	*1*
Phenol-d5	*51*		*30 - 153*	*05/28/25 07:39*	*05/28/25 17:58*	*1*
Terphenyl-d14 (Surr)	*89*		*42 - 157*	*05/28/25 07:39*	*05/28/25 17:58*	*1*
2,4,6-Tribromophenol	*67*		*31 - 143*	*05/28/25 07:39*	*05/28/25 17:58*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<190		190	110	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
beta-BHC	<190		190	150	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
delta-BHC	<190		190	90	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
gamma-BHC (Lindane)	<190		190	94	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
Heptachlor	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
Aldrin	<190		190	130	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
Heptachlor epoxide	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
Endosulfan I	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
Dieldrin	<190		190	99	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
4,4'-DDE	<190		190	97	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
Endrin	<190		190	96	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
Endosulfan II	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
4,4'-DDD	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
Endosulfan sulfate	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
4,4'-DDT	<190		190	89	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
Methoxychlor	<930		930	120	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
Endrin ketone	<190		190	92	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
Endrin aldehyde	<190		190	110	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
alpha-Chlordane	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
gamma-Chlordane	<190		190	110	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100
Toxaphene	<1900		1900	750	ug/Kg	☼	05/27/25 14:12	05/30/25 15:58	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*33 - 148*	*05/27/25 14:12*	*05/30/25 15:58*	*100*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 121*	*05/27/25 14:12*	*05/30/25 15:58*	*100*

Client Sample ID: 5-B04 (1-5)

Date Collected: 05/21/25 10:30
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-6

Matrix: Solid
Percent Solids: 87.8

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.019		0.019	0.0073	mg/Kg	☼	05/27/25 14:12	05/28/25 20:29	1
PCB-1221	<0.019		0.019	0.0073	mg/Kg	☼	05/27/25 14:12	05/28/25 20:29	1
PCB-1232	<0.019		0.019	0.0050	mg/Kg	☼	05/27/25 14:12	05/28/25 20:29	1
PCB-1242	<0.019		0.019	0.0072	mg/Kg	☼	05/27/25 14:12	05/28/25 20:29	1
PCB-1248	<0.019		0.019	0.0089	mg/Kg	☼	05/27/25 14:12	05/28/25 20:29	1
PCB-1254	<0.019		0.019	0.0063	mg/Kg	☼	05/27/25 14:12	05/28/25 20:29	1
PCB-1260	<0.019		0.019	0.0070	mg/Kg	☼	05/27/25 14:12	05/28/25 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*49 - 129*	*05/27/25 14:12*	*05/28/25 20:29*	*1*
DCB Decachlorobiphenyl	*79*		*37 - 121*	*05/27/25 14:12*	*05/28/25 20:29*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.42	mg/Kg	☼	05/27/25 18:14	05/28/25 17:29	1
Arsenic	**3.0**		1.1	0.37	mg/Kg	☼	05/27/25 18:14	05/28/25 17:29	1
Barium	**75**		1.1	0.12	mg/Kg	☼	05/27/25 18:14	05/28/25 17:29	1
Beryllium	**0.53**		0.43	0.10	mg/Kg	☼	05/27/25 18:14	05/28/25 17:29	1
Boron	**6.6**		5.4	0.50	mg/Kg	☼	05/27/25 18:14	05/28/25 17:29	1
Cadmium	**0.073**	**J**	0.22	0.039	mg/Kg	☼	05/27/25 18:14	05/28/25 17:29	1
Chromium	**22**		1.1	0.53	mg/Kg	☼	05/27/25 18:14	05/28/25 17:29	1
Cobalt	**9.6**		2.7	0.71	mg/Kg	☼	05/27/25 18:14	05/30/25 19:35	5
Copper	**18**		1.1	0.30	mg/Kg	☼	05/27/25 18:14	05/28/25 17:29	1
Iron	**17000**	**B**	22	11	mg/Kg	☼	05/27/25 18:14	05/28/25 17:29	1
Lead	**6.7**		0.54	0.25	mg/Kg	☼	05/27/25 18:14	05/28/25 17:29	1
Magnesium	**3000**	**B**	11	5.4	mg/Kg	☼	05/27/25 18:14	05/28/25 17:29	1
Manganese	**190**	**B**	1.1	0.16	mg/Kg	☼	05/27/25 18:14	05/28/25 17:29	1
Nickel	**18**		1.1	0.31	mg/Kg	☼	05/27/25 18:14	05/28/25 17:29	1
Selenium	<1.1		1.1	0.64	mg/Kg	☼	05/27/25 18:14	05/28/25 17:29	1
Silver	**2.4**		0.54	0.14	mg/Kg	☼	05/27/25 18:14	05/28/25 17:29	1
Thallium	<1.1		1.1	0.54	mg/Kg	☼	05/27/25 18:14	05/30/25 19:31	1
Vanadium	**45**		2.7	0.64	mg/Kg	☼	05/27/25 18:14	05/30/25 19:35	5
Zinc	**35**		2.2	0.95	mg/Kg	☼	05/27/25 18:14	05/28/25 17:29	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**14**		0.20	0.082	mg/L		05/27/25 14:42	05/28/25 16:28	1
Manganese	**2.8**		0.010	0.0023	mg/L		05/27/25 14:42	05/28/25 16:28	1
Chromium	**0.0017**	**J**	0.010	0.0017	mg/L		05/27/25 14:42	05/28/25 16:28	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**86**		0.20	0.082	mg/L		05/27/25 08:07	05/27/25 22:57	1
Manganese	**0.72**		0.010	0.0023	mg/L		05/27/25 08:07	05/27/25 22:57	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.030**		0.017	0.0069	mg/Kg	☼	05/30/25 15:05	06/02/25 08:20	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B04 (1-5)
Date Collected: 05/21/25 10:30
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-6
Matrix: Solid
Percent Solids: 87.8

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.25		0.25	0.13	mg/Kg	☼	05/27/25 13:12	05/28/25 09:18	1
pH (SW846 9045D)	**7.9**		0.2	0.2	SU			05/23/25 11:54	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B04 (5-12)
Date Collected: 05/21/25 10:35
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-7
Matrix: Solid
Percent Solids: 80.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.010**	**J**	0.014	0.0060	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Benzene	<0.0014		0.0014	0.00045	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Bromodichloromethane	<0.0014		0.0014	0.00046	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Bromoform	<0.0014		0.0014	0.00083	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Bromomethane	<0.0036		0.0036	0.0018	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
2-Butanone (MEK)	<0.0036		0.0036	0.0016	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Carbon disulfide	<0.0036		0.0036	0.00066	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Carbon tetrachloride	<0.0014		0.0014	0.00049	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Chlorobenzene	<0.0014		0.0014	0.00060	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Chloroethane	<0.0036		0.0036	0.0012	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Chloroform	<0.0014		0.0014	0.0010	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Chloromethane	<0.0036		0.0036	0.00069	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00058	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00057	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Dibromochloromethane	<0.0014		0.0014	0.00066	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
1,1-Dichloroethane	<0.0014		0.0014	0.00054	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
1,2-Dichloroethane	<0.0036		0.0036	0.00093	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
1,1-Dichloroethene	<0.0014		0.0014	0.00059	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
1,2-Dichloropropane	<0.0014		0.0014	0.00037	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Ethylbenzene	<0.0014		0.0014	0.00075	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
2-Hexanone	<0.0036		0.0036	0.0022	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Methylene Chloride	<0.0036		0.0036	0.0015	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
4-Methyl-2-pentanone (MIBK)	<0.0036		0.0036	0.0025	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00046	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Styrene	<0.0014		0.0014	0.00064	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00071	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Tetrachloroethene	<0.0014		0.0014	0.00080	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Toluene	<0.0014		0.0014	0.00029	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00054	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00069	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00058	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00054	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Trichloroethene	<0.0014		0.0014	0.00039	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Vinyl acetate	<0.0036		0.0036	0.00085	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Vinyl chloride	<0.0014	*1	0.0014	0.00058	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
Xylenes, Total	<0.0029		0.0029	0.00049	mg/Kg	☼	05/22/25 14:55	05/30/25 17:48	1
1,3-Dichloropropene, Total	<1.4		1.4	0.69	ug/Kg	☼	05/22/25 14:55	05/30/25 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*75 - 131*	*05/22/25 14:55*	*05/30/25 17:48*	*1*
Dibromofluoromethane	*113*		*75 - 126*	*05/22/25 14:55*	*05/30/25 17:48*	*1*
1,2-Dichloroethane-d4 (Surr)	*132*		*70 - 134*	*05/22/25 14:55*	*05/30/25 17:48*	*1*
Toluene-d8 (Surr)	*94*		*75 - 124*	*05/22/25 14:55*	*05/30/25 17:48*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.041		0.041	0.0083	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Acenaphthylene	<0.041		0.041	0.0069	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Anthracene	<0.041		0.041	0.0084	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Benzo[a]anthracene	<0.041		0.041	0.0087	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1

Client Sample ID: 5-B04 (5-12)
Date Collected: 05/21/25 10:35
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-7
Matrix: Solid
Percent Solids: 80.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.041		0.041	0.039	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Benzo[b]fluoranthene	<0.041		0.041	0.039	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Benzo[g,h,i]perylene	<0.041		0.041	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Benzo[k]fluoranthene	<0.041		0.041	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.16	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Butyl benzyl phthalate	<0.21		0.21	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Carbazole	<0.21		0.21	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
4-Chloroaniline	<0.83		0.83	0.43	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
4-Chloro-3-methylphenol	<0.41		0.41	0.034	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
2-Chloronaphthalene	<0.21		0.21	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
2-Chlorophenol	<0.21		0.21	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.054	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Chrysene	<0.041		0.041	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Dibenz(a,h)anthracene	<0.041		0.041	0.041	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Dibenzofuran	<0.21		0.21	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
1,2-Dichlorobenzene	<0.21		0.21	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
1,3-Dichlorobenzene	<0.21		0.21	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
1,4-Dichlorobenzene	<0.21		0.21	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.18	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
2,4-Dichlorophenol	<0.41		0.41	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Diethyl phthalate	<0.21		0.21	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
2,4-Dimethylphenol	<0.41		0.41	0.092	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Dimethyl phthalate	<0.21		0.21	0.0089	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Di-n-butyl phthalate	<0.21		0.21	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
4,6-Dinitro-2-methylphenol	<0.83		0.83	0.23	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
2,4-Dinitrophenol	<0.83		0.83	0.24	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
2,4-Dinitrotoluene	<0.21		0.21	0.023	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
2,6-Dinitrotoluene	<0.21		0.21	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Di-n-octyl phthalate	<0.41		0.41	0.29	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Fluoranthene	<0.041		0.041	0.0095	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Fluorene	<0.041		0.041	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Hexachlorobenzene	<0.083		0.083	0.0078	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Hexachlorobutadiene	<0.21		0.21	0.023	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Hexachlorocyclopentadiene	<0.83		0.83	0.43	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Hexachloroethane	<0.21		0.21	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Indeno[1,2,3-cd]pyrene	<0.041		0.041	0.040	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Isophorone	<0.21		0.21	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
2-Methylnaphthalene	<0.083		0.083	0.0082	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
2-Methylphenol	<0.21		0.21	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
3 & 4 Methylphenol	<0.21		0.21	0.030	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Naphthalene	<0.041		0.041	0.0074	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
2-Nitroaniline	<0.21	*-	0.21	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
3-Nitroaniline	<0.41		0.41	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
4-Nitroaniline	<0.41		0.41	0.030	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Nitrobenzene	<0.041		0.041	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
2-Nitrophenol	<0.41		0.41	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B04 (5-12)
Date Collected: 05/21/25 10:35
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-7
Matrix: Solid
Percent Solids: 80.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.83		0.83	0.44	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
N-Nitrosodi-n-propylamine	<0.083		0.083	0.023	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
N-Nitrosodiphenylamine	<0.21		0.21	0.081	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Pentachlorophenol	<0.83		0.83	0.46	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Phenanthrene	<0.041		0.041	0.0089	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Phenol	<0.21		0.21	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
Pyrene	<0.041		0.041	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
1,2,4-Trichlorobenzene	<0.21		0.21	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
2,4,5-Trichlorophenol	<0.41		0.41	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1
2,4,6-Trichlorophenol	<0.41		0.41	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 18:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*54*		*43 - 145*	*05/28/25 07:39*	*05/28/25 18:22*	*1*
2-Fluorophenol	*54*		*31 - 166*	*05/28/25 07:39*	*05/28/25 18:22*	*1*
Nitrobenzene-d5 (Surr)	*45*		*37 - 147*	*05/28/25 07:39*	*05/28/25 18:22*	*1*
Phenol-d5	*51*		*30 - 153*	*05/28/25 07:39*	*05/28/25 18:22*	*1*
Terphenyl-d14 (Surr)	*82*		*42 - 157*	*05/28/25 07:39*	*05/28/25 18:22*	*1*
2,4,6-Tribromophenol	*71*		*31 - 143*	*05/28/25 07:39*	*05/28/25 18:22*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.43	mg/Kg	☼	05/27/25 18:14	05/28/25 17:33	1
Arsenic	**6.5**		1.1	0.38	mg/Kg	☼	05/27/25 18:14	05/28/25 17:33	1
Barium	**200**		1.1	0.13	mg/Kg	☼	05/27/25 18:14	05/28/25 17:33	1
Beryllium	**0.79**		0.45	0.10	mg/Kg	☼	05/27/25 18:14	05/28/25 17:33	1
Boron	**7.0**		5.6	0.52	mg/Kg	☼	05/27/25 18:14	05/28/25 17:33	1
Cadmium	**0.73**		0.22	0.040	mg/Kg	☼	05/27/25 18:14	05/28/25 17:33	1
Chromium	**25**		1.1	0.55	mg/Kg	☼	05/27/25 18:14	05/28/25 17:33	1
Cobalt	**13**		0.56	0.15	mg/Kg	☼	05/27/25 18:14	05/28/25 17:33	1
Copper	**18**		1.1	0.31	mg/Kg	☼	05/27/25 18:14	05/28/25 17:33	1
Iron	**24000**	**B**	22	12	mg/Kg	☼	05/27/25 18:14	05/28/25 17:33	1
Lead	**11**		0.56	0.26	mg/Kg	☼	05/27/25 18:14	05/28/25 17:33	1
Magnesium	**3300**	**B**	11	5.5	mg/Kg	☼	05/27/25 18:14	05/28/25 17:33	1
Manganese	**1100**	**B**	1.1	0.16	mg/Kg	☼	05/27/25 18:14	05/28/25 17:33	1
Nickel	**29**		1.1	0.32	mg/Kg	☼	05/27/25 18:14	05/28/25 17:33	1
Selenium	<1.1		1.1	0.66	mg/Kg	☼	05/27/25 18:14	05/28/25 17:33	1
Silver	**3.6**		0.56	0.14	mg/Kg	☼	05/27/25 18:14	05/28/25 17:33	1
Thallium	<1.1		1.1	0.56	mg/Kg	☼	05/27/25 18:14	05/30/25 19:40	1
Vanadium	**43**		0.56	0.13	mg/Kg	☼	05/27/25 18:14	05/28/25 17:33	1
Zinc	**64**		2.2	0.98	mg/Kg	☼	05/27/25 18:14	05/28/25 17:33	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.26**		0.20	0.082	mg/L		05/27/25 14:42	05/28/25 16:32	1
Manganese	**16**		0.010	0.0023	mg/L		05/27/25 14:42	05/28/25 16:32	1
Chromium	**0.0022**	**J**	0.010	0.0017	mg/L		05/27/25 14:42	05/28/25 16:32	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B04 (5-12)
Date Collected: 05/21/25 10:35
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-7
Matrix: Solid
Percent Solids: 80.2

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**2.4**		0.010	0.0023	mg/L		05/27/25 08:07	05/27/25 23:01	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.041**		0.020	0.0081	mg/Kg	☼	05/30/25 15:05	06/02/25 08:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.29		0.29	0.14	mg/Kg	☼	05/27/25 13:12	05/28/25 09:18	1
pH (SW846 9045D)	**7.6**		0.2	0.2	SU			05/23/25 11:57	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B05 (1-5)
Date Collected: 05/21/25 11:05
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-8
Matrix: Solid
Percent Solids: 74.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.016		0.016	0.0068	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Benzene	<0.0016		0.0016	0.00051	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Bromodichloromethane	<0.0016		0.0016	0.00052	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Bromoform	<0.0016		0.0016	0.00095	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Bromomethane	<0.0041		0.0041	0.0020	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
2-Butanone (MEK)	<0.0041		0.0041	0.0018	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Carbon disulfide	<0.0041		0.0041	0.00075	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Carbon tetrachloride	<0.0016		0.0016	0.00055	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Chlorobenzene	<0.0016		0.0016	0.00069	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Chloroethane	<0.0041		0.0041	0.0013	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Chloroform	<0.0016		0.0016	0.0012	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Chloromethane	<0.0041		0.0041	0.00079	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00066	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00065	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Dibromochloromethane	<0.0016		0.0016	0.00076	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
1,1-Dichloroethane	<0.0016		0.0016	0.00061	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
1,2-Dichloroethane	<0.0041		0.0041	0.0011	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
1,1-Dichloroethene	<0.0016		0.0016	0.00067	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
1,2-Dichloropropane	<0.0016		0.0016	0.00042	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Ethylbenzene	<0.0016		0.0016	0.00086	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
2-Hexanone	<0.0041		0.0041	0.0025	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Methylene Chloride	<0.0041		0.0041	0.0017	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
4-Methyl-2-pentanone (MIBK)	<0.0041		0.0041	0.0029	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00053	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Styrene	<0.0016		0.0016	0.00073	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00081	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Tetrachloroethene	<0.0016		0.0016	0.00091	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Toluene	<0.0016		0.0016	0.00033	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00062	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00078	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00066	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00061	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Trichloroethene	<0.0016		0.0016	0.00044	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Vinyl acetate	<0.0041		0.0041	0.00097	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Vinyl chloride	<0.0016	*1	0.0016	0.00067	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
Xylenes, Total	<0.0033		0.0033	0.00056	mg/Kg	☼	05/22/25 14:55	05/30/25 18:12	1
1,3-Dichloropropene, Total	<1.6		1.6	0.78	ug/Kg	☼	05/22/25 14:55	05/30/25 18:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*75 - 131*	*05/22/25 14:55*	*05/30/25 18:12*	*1*
Dibromofluoromethane	*109*		*75 - 126*	*05/22/25 14:55*	*05/30/25 18:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*127*		*70 - 134*	*05/22/25 14:55*	*05/30/25 18:12*	*1*
Toluene-d8 (Surr)	*94*		*75 - 124*	*05/22/25 14:55*	*05/30/25 18:12*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.042		0.042	0.0087	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Acenaphthylene	<0.042		0.042	0.0072	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Anthracene	<0.042		0.042	0.0087	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Benzo[a]anthracene	<0.042		0.042	0.0090	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B05 (1-5)
Date Collected: 05/21/25 11:05
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-8
Matrix: Solid
Percent Solids: 74.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.042		0.042	0.041	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Benzo[b]fluoranthene	<0.042		0.042	0.041	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Benzo[g,h,i]perylene	<0.042		0.042	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Benzo[k]fluoranthene	<0.042		0.042	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.17	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Butyl benzyl phthalate	<0.21		0.21	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Carbazole	<0.21		0.21	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
4-Chloroaniline	<0.86		0.86	0.45	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
4-Chloro-3-methylphenol	<0.42		0.42	0.036	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
2-Chloronaphthalene	<0.21		0.21	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
2-Chlorophenol	<0.21		0.21	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.056	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Chrysene	<0.042		0.042	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Dibenz(a,h)anthracene	<0.042		0.042	0.042	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Dibenzofuran	<0.21		0.21	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
1,2-Dichlorobenzene	<0.21		0.21	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
1,3-Dichlorobenzene	<0.21		0.21	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
1,4-Dichlorobenzene	<0.21		0.21	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.19	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
2,4-Dichlorophenol	<0.42		0.42	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Diethyl phthalate	<0.21		0.21	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
2,4-Dimethylphenol	<0.42		0.42	0.095	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Dimethyl phthalate	<0.21		0.21	0.0093	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Di-n-butyl phthalate	<0.21		0.21	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
4,6-Dinitro-2-methylphenol	<0.86		0.86	0.24	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
2,4-Dinitrophenol	<0.86		0.86	0.25	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
2,4-Dinitrotoluene	<0.21		0.21	0.024	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
2,6-Dinitrotoluene	<0.21		0.21	0.030	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Di-n-octyl phthalate	<0.42		0.42	0.30	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Fluoranthene	**0.012**	**J**	0.042	0.0099	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Fluorene	<0.042		0.042	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Hexachlorobenzene	<0.086		0.086	0.0082	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Hexachlorobutadiene	<0.21		0.21	0.024	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Hexachlorocyclopentadiene	<0.86		0.86	0.45	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Hexachloroethane	<0.21		0.21	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Indeno[1,2,3-cd]pyrene	<0.042		0.042	0.042	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Isophorone	<0.21		0.21	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
2-Methylnaphthalene	<0.086		0.086	0.0086	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
2-Methylphenol	<0.21		0.21	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
3 & 4 Methylphenol	<0.21		0.21	0.031	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Naphthalene	<0.042		0.042	0.0077	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
2-Nitroaniline	<0.21	*-	0.21	0.023	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
3-Nitroaniline	<0.42		0.42	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
4-Nitroaniline	<0.42		0.42	0.031	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Nitrobenzene	<0.042		0.042	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
2-Nitrophenol	<0.42		0.42	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1

Client Sample ID: 5-B05 (1-5)
Date Collected: 05/21/25 11:05
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-8
Matrix: Solid
Percent Solids: 74.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.86		0.86	0.46	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
N-Nitrosodi-n-propylamine	<0.086		0.086	0.024	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
N-Nitrosodiphenylamine	<0.21		0.21	0.084	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.031	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Pentachlorophenol	<0.86		0.86	0.48	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Phenanthrene	<0.042		0.042	0.0093	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Phenol	<0.21		0.21	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
Pyrene	<0.042		0.042	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
1,2,4-Trichlorobenzene	<0.21		0.21	0.030	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
2,4,5-Trichlorophenol	<0.42		0.42	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1
2,4,6-Trichlorophenol	<0.42		0.42	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*55*		*43 - 145*	*05/28/25 07:39*	*05/28/25 18:47*	*1*
2-Fluorophenol	*55*		*31 - 166*	*05/28/25 07:39*	*05/28/25 18:47*	*1*
Nitrobenzene-d5 (Surr)	*45*		*37 - 147*	*05/28/25 07:39*	*05/28/25 18:47*	*1*
Phenol-d5	*53*		*30 - 153*	*05/28/25 07:39*	*05/28/25 18:47*	*1*
Terphenyl-d14 (Surr)	*85*		*42 - 157*	*05/28/25 07:39*	*05/28/25 18:47*	*1*
2,4,6-Tribromophenol	*75*		*31 - 143*	*05/28/25 07:39*	*05/28/25 18:47*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<2.3		2.3	1.3	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
beta-BHC	<2.3		2.3	1.8	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
delta-BHC	<2.3		2.3	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
gamma-BHC (Lindane)	<2.3		2.3	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
Heptachlor	<2.3		2.3	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
Aldrin	<2.3		2.3	1.6	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
Heptachlor epoxide	<2.3		2.3	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
Endosulfan I	<2.3		2.3	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
Dieldrin	<2.3		2.3	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
4,4'-DDE	<2.3		2.3	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
Endrin	<2.3		2.3	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
Endosulfan II	<2.3		2.3	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
4,4'-DDD	<2.3		2.3	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
Endosulfan sulfate	<2.3		2.3	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
4,4'-DDT	<2.3		2.3	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
Methoxychlor	<11		11	1.5	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
Endrin ketone	<2.3		2.3	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
Endrin aldehyde	<2.3		2.3	1.3	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
alpha-Chlordane	<2.3		2.3	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
gamma-Chlordane	<2.3		2.3	1.3	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1
Toxaphene	<22		22	9.0	ug/Kg	☼	05/27/25 14:12	05/28/25 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*77*		*33 - 148*	*05/27/25 14:12*	*05/28/25 16:12*	*1*
Tetrachloro-m-xylene	*70*		*30 - 121*	*05/27/25 14:12*	*05/28/25 16:12*	*1*

Client Sample ID: 5-B05 (1-5)

Date Collected: 05/21/25 11:05
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-8

Matrix: Solid
Percent Solids: 74.2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.022		0.022	0.0087	mg/Kg	☼	05/27/25 14:12	05/28/25 20:44	1
PCB-1221	<0.022		0.022	0.0087	mg/Kg	☼	05/27/25 14:12	05/28/25 20:44	1
PCB-1232	<0.022		0.022	0.0060	mg/Kg	☼	05/27/25 14:12	05/28/25 20:44	1
PCB-1242	<0.022		0.022	0.0087	mg/Kg	☼	05/27/25 14:12	05/28/25 20:44	1
PCB-1248	<0.022		0.022	0.011	mg/Kg	☼	05/27/25 14:12	05/28/25 20:44	1
PCB-1254	<0.022		0.022	0.0076	mg/Kg	☼	05/27/25 14:12	05/28/25 20:44	1
PCB-1260	<0.022		0.022	0.0084	mg/Kg	☼	05/27/25 14:12	05/28/25 20:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*49 - 129*	*05/27/25 14:12*	*05/28/25 20:44*	*1*
DCB Decachlorobiphenyl	*67*		*37 - 121*	*05/27/25 14:12*	*05/28/25 20:44*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.6		2.6	0.50	mg/Kg	☼	05/27/25 18:14	05/28/25 17:38	1
Arsenic	**4.1**		1.3	0.44	mg/Kg	☼	05/27/25 18:14	05/28/25 17:38	1
Barium	**80**		1.3	0.15	mg/Kg	☼	05/27/25 18:14	05/28/25 17:38	1
Beryllium	**0.50**	**J**	0.51	0.12	mg/Kg	☼	05/27/25 18:14	05/28/25 17:38	1
Boron	**6.9**		6.4	0.60	mg/Kg	☼	05/27/25 18:14	05/28/25 17:38	1
Cadmium	**0.059**	**J**	0.26	0.046	mg/Kg	☼	05/27/25 18:14	05/28/25 17:38	1
Chromium	**20**		1.3	0.63	mg/Kg	☼	05/27/25 18:14	05/28/25 17:38	1
Cobalt	**12**		0.64	0.17	mg/Kg	☼	05/27/25 18:14	05/28/25 17:38	1
Copper	**13**		1.3	0.36	mg/Kg	☼	05/27/25 18:14	05/28/25 17:38	1
Iron	**15000**	**B**	26	13	mg/Kg	☼	05/27/25 18:14	05/28/25 17:38	1
Lead	**12**		0.64	0.30	mg/Kg	☼	05/27/25 18:14	05/28/25 17:38	1
Magnesium	**2300**	**B**	13	6.4	mg/Kg	☼	05/27/25 18:14	05/28/25 17:38	1
Manganese	**270**	**B**	1.3	0.19	mg/Kg	☼	05/27/25 18:14	05/28/25 17:38	1
Nickel	**13**		1.3	0.37	mg/Kg	☼	05/27/25 18:14	05/28/25 17:38	1
Selenium	<1.3		1.3	0.75	mg/Kg	☼	05/27/25 18:14	05/28/25 17:38	1
Silver	**2.0**		0.64	0.17	mg/Kg	☼	05/27/25 18:14	05/28/25 17:38	1
Thallium	<1.3		1.3	0.64	mg/Kg	☼	05/27/25 18:14	05/30/25 19:44	1
Vanadium	**40**		0.64	0.15	mg/Kg	☼	05/27/25 18:14	05/28/25 17:38	1
Zinc	**45**		2.6	1.1	mg/Kg	☼	05/27/25 18:14	05/28/25 17:38	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**5.0**		0.20	0.082	mg/L		05/27/25 14:42	05/28/25 16:37	1
Manganese	**4.2**		0.010	0.0023	mg/L		05/27/25 14:42	05/28/25 16:37	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**150**		0.20	0.082	mg/L		05/27/25 08:07	05/27/25 23:05	1
Manganese	**1.8**		0.010	0.0023	mg/L		05/27/25 08:07	05/27/25 23:05	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.033**		0.020	0.0083	mg/Kg	☼	05/30/25 15:05	06/02/25 08:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.31		0.31	0.16	mg/Kg	☼	05/27/25 13:12	05/28/25 09:20	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B05 (1-5)
Date Collected: 05/21/25 11:05
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-8
Matrix: Solid
Percent Solids: 74.2

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	9.9		0.2	0.2	SU			05/23/25 11:59	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B05 (1-5)D
Date Collected: 05/21/25 11:10
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-9
Matrix: Solid
Percent Solids: 76.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0060	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Benzene	<0.0014		0.0014	0.00045	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Bromodichloromethane	<0.0014		0.0014	0.00046	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Bromoform	<0.0014		0.0014	0.00083	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Bromomethane	<0.0036		0.0036	0.0018	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
2-Butanone (MEK)	<0.0036		0.0036	0.0016	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Carbon disulfide	<0.0036		0.0036	0.00066	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Carbon tetrachloride	<0.0014		0.0014	0.00048	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Chlorobenzene	<0.0014		0.0014	0.00060	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Chloroethane	<0.0036		0.0036	0.0012	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Chloroform	<0.0014		0.0014	0.0010	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Chloromethane	<0.0036		0.0036	0.00069	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00057	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00057	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Dibromochloromethane	<0.0014		0.0014	0.00066	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
1,1-Dichloroethane	<0.0014		0.0014	0.00054	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
1,2-Dichloroethane	<0.0036		0.0036	0.00092	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
1,1-Dichloroethene	<0.0014		0.0014	0.00059	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
1,2-Dichloropropane	<0.0014		0.0014	0.00037	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Ethylbenzene	<0.0014		0.0014	0.00075	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
2-Hexanone	<0.0036		0.0036	0.0022	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Methylene Chloride	<0.0036		0.0036	0.0015	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
4-Methyl-2-pentanone (MIBK)	<0.0036		0.0036	0.0025	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00046	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Styrene	<0.0014		0.0014	0.00064	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00071	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Tetrachloroethene	<0.0014		0.0014	0.00080	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Toluene	<0.0014		0.0014	0.00029	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00054	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00068	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00058	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00053	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Trichloroethene	<0.0014		0.0014	0.00039	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Vinyl acetate	<0.0036		0.0036	0.00085	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Vinyl chloride	<0.0014	*1	0.0014	0.00058	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
Xylenes, Total	<0.0028		0.0028	0.00049	mg/Kg	☼	05/22/25 14:55	05/30/25 18:37	1
1,3-Dichloropropene, Total	<1.4		1.4	0.68	ug/Kg	☼	05/22/25 14:55	05/30/25 18:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*75 - 131*	*05/22/25 14:55*	*05/30/25 18:37*	*1*
Dibromofluoromethane	*115*		*75 - 126*	*05/22/25 14:55*	*05/30/25 18:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*126*		*70 - 134*	*05/22/25 14:55*	*05/30/25 18:37*	*1*
Toluene-d8 (Surr)	*93*		*75 - 124*	*05/22/25 14:55*	*05/30/25 18:37*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.041		0.041	0.0085	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Acenaphthylene	<0.041		0.041	0.0071	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Anthracene	<0.041		0.041	0.0085	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Benzo[a]anthracene	<0.041		0.041	0.0088	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B05 (1-5)D
Date Collected: 05/21/25 11:10
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-9
Matrix: Solid
Percent Solids: 76.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.041		0.041	0.040	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Benzo[b]fluoranthene	<0.041		0.041	0.040	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Benzo[g,h,i]perylene	<0.041		0.041	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Benzo[k]fluoranthene	<0.041		0.041	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.16	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Butyl benzyl phthalate	<0.21		0.21	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Carbazole	<0.21		0.21	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
4-Chloroaniline	<0.84		0.84	0.44	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
4-Chloro-3-methylphenol	<0.41		0.41	0.035	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
2-Chloronaphthalene	<0.21		0.21	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
2-Chlorophenol	<0.21		0.21	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.055	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Chrysene	<0.041		0.041	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Dibenz(a,h)anthracene	<0.041		0.041	0.041	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Dibenzofuran	<0.21		0.21	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
1,2-Dichlorobenzene	<0.21		0.21	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
1,3-Dichlorobenzene	<0.21		0.21	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
1,4-Dichlorobenzene	<0.21		0.21	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.18	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
2,4-Dichlorophenol	<0.41		0.41	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Diethyl phthalate	<0.21		0.21	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
2,4-Dimethylphenol	<0.41		0.41	0.093	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Dimethyl phthalate	<0.21		0.21	0.0090	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Di-n-butyl phthalate	<0.21		0.21	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
4,6-Dinitro-2-methylphenol	<0.84		0.84	0.23	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
2,4-Dinitrophenol	<0.84		0.84	0.24	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
2,4-Dinitrotoluene	<0.21		0.21	0.024	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
2,6-Dinitrotoluene	<0.21		0.21	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Di-n-octyl phthalate	<0.41		0.41	0.29	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Fluoranthene	<0.041		0.041	0.0097	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Fluorene	<0.041		0.041	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Hexachlorobenzene	<0.084		0.084	0.0080	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Hexachlorobutadiene	<0.21		0.21	0.023	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Hexachlorocyclopentadiene	<0.84		0.84	0.44	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Hexachloroethane	<0.21		0.21	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Indeno[1,2,3-cd]pyrene	<0.041		0.041	0.041	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Isophorone	<0.21		0.21	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
2-Methylnaphthalene	<0.084		0.084	0.0084	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
2-Methylphenol	<0.21		0.21	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
3 & 4 Methylphenol	<0.21		0.21	0.030	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Naphthalene	<0.041		0.041	0.0075	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
2-Nitroaniline	<0.21	*-	0.21	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
3-Nitroaniline	<0.41		0.41	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
4-Nitroaniline	<0.41		0.41	0.031	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Nitrobenzene	<0.041		0.041	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
2-Nitrophenol	<0.41		0.41	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1

Client Sample ID: 5-B05 (1-5)D
Date Collected: 05/21/25 11:10
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-9
Matrix: Solid
Percent Solids: 76.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.84		0.84	0.45	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
N-Nitrosodi-n-propylamine	<0.084		0.084	0.024	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
N-Nitrosodiphenylamine	<0.21		0.21	0.082	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.030	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Pentachlorophenol	<0.84		0.84	0.47	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Phenanthrene	<0.041		0.041	0.0091	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Phenol	<0.21		0.21	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
Pyrene	<0.041		0.041	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
1,2,4-Trichlorobenzene	<0.21		0.21	0.030	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
2,4,5-Trichlorophenol	<0.41		0.41	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1
2,4,6-Trichlorophenol	<0.41		0.41	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*48*		*43 - 145*	*05/28/25 07:39*	*05/28/25 19:11*	*1*
2-Fluorophenol	*49*		*31 - 166*	*05/28/25 07:39*	*05/28/25 19:11*	*1*
Nitrobenzene-d5 (Surr)	*38*		*37 - 147*	*05/28/25 07:39*	*05/28/25 19:11*	*1*
Phenol-d5	*47*		*30 - 153*	*05/28/25 07:39*	*05/28/25 19:11*	*1*
Terphenyl-d14 (Surr)	*69*		*42 - 157*	*05/28/25 07:39*	*05/28/25 19:11*	*1*
2,4,6-Tribromophenol	*61*		*31 - 143*	*05/28/25 07:39*	*05/28/25 19:11*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<2.1		2.1	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
beta-BHC	<2.1		2.1	1.7	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
delta-BHC	<2.1		2.1	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
gamma-BHC (Lindane)	<2.1		2.1	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
Heptachlor	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
Aldrin	<2.1		2.1	1.4	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
Heptachlor epoxide	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
Endosulfan I	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
Dieldrin	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
4,4'-DDE	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
Endrin	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
Endosulfan II	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
4,4'-DDD	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
Endosulfan sulfate	<2.1		2.1	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
4,4'-DDT	<2.1		2.1	0.99	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
Methoxychlor	<10		10	1.4	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
Endrin ketone	<2.1		2.1	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
Endrin aldehyde	<2.1		2.1	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
alpha-Chlordane	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
gamma-Chlordane	<2.1		2.1	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1
Toxaphene	<21		21	8.3	ug/Kg	☼	05/27/25 14:12	05/28/25 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*33 - 148*	*05/27/25 14:12*	*05/28/25 16:24*	*1*
Tetrachloro-m-xylene	*56*		*30 - 121*	*05/27/25 14:12*	*05/28/25 16:24*	*1*

Client Sample ID: 5-B05 (1-5)D

Date Collected: 05/21/25 11:10
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-9

Matrix: Solid
Percent Solids: 76.5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.021		0.021	0.0081	mg/Kg	☼	05/27/25 14:12	05/28/25 20:59	1
PCB-1221	<0.021		0.021	0.0081	mg/Kg	☼	05/27/25 14:12	05/28/25 20:59	1
PCB-1232	<0.021		0.021	0.0056	mg/Kg	☼	05/27/25 14:12	05/28/25 20:59	1
PCB-1242	<0.021		0.021	0.0080	mg/Kg	☼	05/27/25 14:12	05/28/25 20:59	1
PCB-1248	<0.021		0.021	0.0098	mg/Kg	☼	05/27/25 14:12	05/28/25 20:59	1
PCB-1254	<0.021		0.021	0.0070	mg/Kg	☼	05/27/25 14:12	05/28/25 20:59	1
PCB-1260	<0.021		0.021	0.0078	mg/Kg	☼	05/27/25 14:12	05/28/25 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*91*		*49 - 129*	*05/27/25 14:12*	*05/28/25 20:59*	*1*
DCB Decachlorobiphenyl	*53*		*37 - 121*	*05/27/25 14:12*	*05/28/25 20:59*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.6		2.6	0.50	mg/Kg	☼	05/27/25 18:14	05/28/25 17:42	1
Arsenic	**7.1**		1.3	0.44	mg/Kg	☼	05/27/25 18:14	05/28/25 17:42	1
Barium	**120**		1.3	0.15	mg/Kg	☼	05/27/25 18:14	05/28/25 17:42	1
Beryllium	**0.83**		0.51	0.12	mg/Kg	☼	05/27/25 18:14	05/28/25 17:42	1
Boron	**9.2**		6.4	0.60	mg/Kg	☼	05/27/25 18:14	05/28/25 17:42	1
Cadmium	**0.24**	**J**	0.26	0.046	mg/Kg	☼	05/27/25 18:14	05/28/25 17:42	1
Chromium	**26**		1.3	0.64	mg/Kg	☼	05/27/25 18:14	05/28/25 17:42	1
Cobalt	**11**		0.64	0.17	mg/Kg	☼	05/27/25 18:14	05/28/25 17:42	1
Copper	**16**		1.3	0.36	mg/Kg	☼	05/27/25 18:14	05/28/25 17:42	1
Iron	**23000**	**B**	26	13	mg/Kg	☼	05/27/25 18:14	05/28/25 17:42	1
Lead	**11**		0.64	0.30	mg/Kg	☼	05/27/25 18:14	05/28/25 17:42	1
Magnesium	**3200**	**B**	13	6.4	mg/Kg	☼	05/27/25 18:14	05/28/25 17:42	1
Manganese	**290**	**B**	1.3	0.19	mg/Kg	☼	05/27/25 18:14	05/28/25 17:42	1
Nickel	**23**		1.3	0.37	mg/Kg	☼	05/27/25 18:14	05/28/25 17:42	1
Selenium	<1.3		1.3	0.76	mg/Kg	☼	05/27/25 18:14	05/28/25 17:42	1
Silver	**3.3**		0.64	0.17	mg/Kg	☼	05/27/25 18:14	05/28/25 17:42	1
Thallium	<1.3		1.3	0.64	mg/Kg	☼	05/27/25 18:14	05/30/25 19:48	1
Vanadium	**49**		0.64	0.15	mg/Kg	☼	05/27/25 18:14	05/28/25 17:42	1
Zinc	**56**		2.6	1.1	mg/Kg	☼	05/27/25 18:14	05/28/25 17:42	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**2.1**		0.20	0.082	mg/L		05/27/25 14:42	05/28/25 16:41	1
Manganese	**4.5**		0.010	0.0023	mg/L		05/27/25 14:42	05/28/25 16:41	1
Chromium	<0.010		0.010	0.0017	mg/L		05/27/25 14:42	05/28/25 16:41	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**2.3**		0.010	0.0023	mg/L		05/27/25 08:07	05/27/25 23:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.036**		0.021	0.0087	mg/Kg	☼	05/30/25 15:05	06/02/25 08:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.29		0.29	0.14	mg/Kg	☼	05/27/25 13:12	05/28/25 09:20	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B05 (1-5)D
Date Collected: 05/21/25 11:10
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-9
Matrix: Solid
Percent Solids: 76.5

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	9.9		0.2	0.2	SU			05/23/25 12:02	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B05 (5-12)
Date Collected: 05/21/25 11:15
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-10
Matrix: Solid
Percent Solids: 91.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.012		0.012	0.0051	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Benzene	<0.0012		0.0012	0.00038	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Bromodichloromethane	<0.0012		0.0012	0.00039	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Bromoform	<0.0012		0.0012	0.00071	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Bromomethane	<0.0030		0.0030	0.0015	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
2-Butanone (MEK)	<0.0030		0.0030	0.0013	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Carbon disulfide	<0.0030		0.0030	0.00056	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Carbon tetrachloride	<0.0012		0.0012	0.00042	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Chlorobenzene	<0.0012		0.0012	0.00051	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Chloroethane	<0.0030		0.0030	0.0010	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Chloroform	<0.0012		0.0012	0.00088	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Chloromethane	<0.0030		0.0030	0.00059	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
cis-1,2-Dichloroethene	<0.0012		0.0012	0.00049	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
cis-1,3-Dichloropropene	<0.0012		0.0012	0.00049	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Dibromochloromethane	<0.0012		0.0012	0.00056	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
1,1-Dichloroethane	<0.0012		0.0012	0.00046	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
1,2-Dichloroethane	<0.0030		0.0030	0.00079	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
1,1-Dichloroethene	<0.0012		0.0012	0.00050	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
1,2-Dichloropropane	<0.0012		0.0012	0.00031	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Ethylbenzene	<0.0012		0.0012	0.00064	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
2-Hexanone	<0.0030		0.0030	0.0019	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Methylene Chloride	<0.0030		0.0030	0.0013	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
4-Methyl-2-pentanone (MIBK)	<0.0030		0.0030	0.0022	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Methyl tert-butyl ether	<0.0012		0.0012	0.00039	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Styrene	<0.0012		0.0012	0.00055	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
1,1,2,2-Tetrachloroethane	<0.0012		0.0012	0.00060	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Tetrachloroethene	<0.0012		0.0012	0.00068	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Toluene	<0.0012		0.0012	0.00025	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
trans-1,2-Dichloroethene	<0.0012		0.0012	0.00046	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
trans-1,3-Dichloropropene	<0.0012		0.0012	0.00058	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
1,1,1-Trichloroethane	<0.0012		0.0012	0.00049	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
1,1,2-Trichloroethane	<0.0012		0.0012	0.00046	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Trichloroethene	<0.0012		0.0012	0.00033	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Vinyl acetate	<0.0030		0.0030	0.00073	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Vinyl chloride	<0.0012	*1	0.0012	0.00050	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
Xylenes, Total	<0.0024		0.0024	0.00042	mg/Kg	☼	05/22/25 14:55	05/30/25 19:02	1
1,3-Dichloropropene, Total	<1.2		1.2	0.58	ug/Kg	☼	05/22/25 14:55	05/30/25 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*75 - 131*	*05/22/25 14:55*	*05/30/25 19:02*	*1*
Dibromofluoromethane	*111*		*75 - 126*	*05/22/25 14:55*	*05/30/25 19:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*133*		*70 - 134*	*05/22/25 14:55*	*05/30/25 19:02*	*1*
Toluene-d8 (Surr)	*99*		*75 - 124*	*05/22/25 14:55*	*05/30/25 19:02*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.036**	**J**	0.072	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Acenaphthylene	<0.072		0.072	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Anthracene	<0.072		0.072	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Benzo[a]anthracene	**0.089**		0.072	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B05 (5-12)
Date Collected: 05/21/25 11:15
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-10
Matrix: Solid
Percent Solids: 91.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.13**		0.072	0.070	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Benzo[b]fluoranthene	**0.16**		0.072	0.069	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Benzo[g,h,i]perylene	**0.42**		0.072	0.032	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Benzo[k]fluoranthene	**0.039**	**J**	0.072	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Bis(2-chloroethoxy)methane	<0.36		0.36	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Bis(2-chloroethyl)ether	<0.36		0.36	0.033	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Bis(2-ethylhexyl) phthalate	<0.36		0.36	0.28	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
4-Bromophenyl phenyl ether	<0.36		0.36	0.049	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Butyl benzyl phthalate	<0.36		0.36	0.036	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Carbazole	<0.36		0.36	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
4-Chloroaniline	<1.5		1.5	0.76	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
4-Chloro-3-methylphenol	<0.72		0.72	0.061	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
2-Chloronaphthalene	<0.36		0.36	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
2-Chlorophenol	<0.36		0.36	0.023	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
4-Chlorophenyl phenyl ether	<0.36		0.36	0.095	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Chrysene	**0.086**		0.072	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Dibenz(a,h)anthracene	<0.072		0.072	0.072	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Dibenzofuran	**0.047**	**J**	0.36	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
1,2-Dichlorobenzene	<0.36		0.36	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
1,3-Dichlorobenzene	<0.36		0.36	0.033	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
1,4-Dichlorobenzene	<0.36		0.36	0.034	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
3,3'-Dichlorobenzidine	<0.36		0.36	0.32	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
2,4-Dichlorophenol	<0.72		0.72	0.025	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Diethyl phthalate	<0.36		0.36	0.033	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
2,4-Dimethylphenol	<0.72		0.72	0.16	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Dimethyl phthalate	<0.36		0.36	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Di-n-butyl phthalate	<0.36		0.36	0.023	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
4,6-Dinitro-2-methylphenol	<1.5		1.5	0.41	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
2,4-Dinitrophenol	<1.5		1.5	0.42	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
2,4-Dinitrotoluene	<0.36		0.36	0.041	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
2,6-Dinitrotoluene	<0.36		0.36	0.051	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Di-n-octyl phthalate	<0.72		0.72	0.51	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Fluoranthene	**0.11**		0.072	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Fluorene	**0.051**	**J**	0.072	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Hexachlorobenzene	<0.15		0.15	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Hexachlorobutadiene	<0.36		0.36	0.041	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Hexachlorocyclopentadiene	<1.5		1.5	0.77	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Hexachloroethane	<0.36		0.36	0.036	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Indeno[1,2,3-cd]pyrene	**0.13**		0.072	0.070	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Isophorone	<0.36		0.36	0.037	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
2-Methylnaphthalene	**0.11**	**J**	0.15	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
2-Methylphenol	<0.36		0.36	0.038	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
3 & 4 Methylphenol	<0.36		0.36	0.053	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Naphthalene	**0.025**	**J**	0.072	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
2-Nitroaniline	<0.36	*-	0.36	0.039	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
3-Nitroaniline	<0.72		0.72	0.033	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
4-Nitroaniline	<0.72		0.72	0.053	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Nitrobenzene	<0.072		0.072	0.023	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
2-Nitrophenol	<0.72		0.72	0.049	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2

Client Sample ID: 5-B05 (5-12)

Date Collected: 05/21/25 11:15
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-10

Matrix: Solid
Percent Solids: 91.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<1.5		1.5	0.78	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
N-Nitrosodi-n-propylamine	<0.15		0.15	0.041	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
N-Nitrosodiphenylamine	<0.36		0.36	0.14	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
2,2'-oxybis[1-chloropropane]	<0.36		0.36	0.052	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Pentachlorophenol	<1.5		1.5	0.81	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Phenanthrene	**0.23**		0.072	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Phenol	<0.36		0.36	0.031	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
Pyrene	**0.22**		0.072	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
1,2,4-Trichlorobenzene	<0.36		0.36	0.052	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
2,4,5-Trichlorophenol	<0.72		0.72	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2
2,4,6-Trichlorophenol	<0.72		0.72	0.025	mg/Kg	☼	05/28/25 07:39	05/28/25 23:37	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*63*		*43 - 145*	*05/28/25 07:39*	*05/28/25 23:37*	*2*
2-Fluorophenol	*49*		*31 - 166*	*05/28/25 07:39*	*05/28/25 23:37*	*2*
Nitrobenzene-d5 (Surr)	*44*		*37 - 147*	*05/28/25 07:39*	*05/28/25 23:37*	*2*
Phenol-d5	*49*		*30 - 153*	*05/28/25 07:39*	*05/28/25 23:37*	*2*
Terphenyl-d14 (Surr)	*71*		*42 - 157*	*05/28/25 07:39*	*05/28/25 23:37*	*2*
2,4,6-Tribromophenol	*68*		*31 - 143*	*05/28/25 07:39*	*05/28/25 23:37*	*2*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.38	mg/Kg	☼	05/27/25 18:14	05/28/25 17:55	1
Arsenic	**5.6**		0.99	0.34	mg/Kg	☼	05/27/25 18:14	05/28/25 17:55	1
Barium	**26**		0.99	0.11	mg/Kg	☼	05/27/25 18:14	05/28/25 17:55	1
Beryllium	**0.87**		0.39	0.092	mg/Kg	☼	05/27/25 18:14	05/28/25 17:55	1
Boron	**16**		4.9	0.46	mg/Kg	☼	05/27/25 18:14	05/28/25 17:55	1
Cadmium	<0.20		0.20	0.035	mg/Kg	☼	05/27/25 18:14	05/28/25 17:55	1
Chromium	**12**		0.99	0.49	mg/Kg	☼	05/27/25 18:14	05/28/25 17:55	1
Cobalt	**8.7**		0.49	0.13	mg/Kg	☼	05/27/25 18:14	05/28/25 17:55	1
Copper	**10**		0.99	0.28	mg/Kg	☼	05/27/25 18:14	05/28/25 17:55	1
Iron	**2800**	**B**	20	10	mg/Kg	☼	05/27/25 18:14	05/28/25 17:55	1
Lead	**7.2**		0.49	0.23	mg/Kg	☼	05/27/25 18:14	05/28/25 17:55	1
Magnesium	**1200**	**B**	9.9	4.9	mg/Kg	☼	05/27/25 18:14	05/28/25 17:55	1
Manganese	**13**	**B**	0.99	0.14	mg/Kg	☼	05/27/25 18:14	05/28/25 17:55	1
Nickel	**23**		0.99	0.29	mg/Kg	☼	05/27/25 18:14	05/28/25 17:55	1
Selenium	<0.99		0.99	0.58	mg/Kg	☼	05/27/25 18:14	05/28/25 17:55	1
Silver	**0.36**	**J**	0.49	0.13	mg/Kg	☼	05/27/25 18:14	05/28/25 17:55	1
Thallium	<0.99		0.99	0.49	mg/Kg	☼	05/27/25 18:14	05/30/25 19:53	1
Vanadium	**11**		0.49	0.12	mg/Kg	☼	05/27/25 18:14	05/28/25 17:55	1
Zinc	**30**		2.0	0.87	mg/Kg	☼	05/27/25 18:14	05/28/25 17:55	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.14**	**J**	0.20	0.082	mg/L		05/27/25 14:42	05/28/25 16:46	1
Manganese	**0.13**		0.010	0.0023	mg/L		05/27/25 14:42	05/29/25 20:56	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.014**		0.010	0.0023	mg/L		05/27/25 08:07	05/27/25 23:14	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B05 (5-12)
Date Collected: 05/21/25 11:15
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-10
Matrix: Solid
Percent Solids: 91.2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	J	0.017	0.0072	mg/Kg	☼	05/30/25 15:05	06/02/25 08:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.23		0.23	0.11	mg/Kg	☼	05/27/25 15:17	05/28/25 09:23	1
pH (SW846 9045D)	8.5		0.2	0.2	SU			05/23/25 12:04	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B06 (1-5)
Date Collected: 05/21/25 12:10
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-11
Matrix: Solid
Percent Solids: 80.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.028		0.016	0.0066	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Benzene	<0.0016		0.0016	0.00050	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Bromodichloromethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Bromoform	<0.0016		0.0016	0.00092	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Bromomethane	<0.0039		0.0039	0.0019	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
2-Butanone (MEK)	<0.0039		0.0039	0.0017	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Carbon disulfide	<0.0039		0.0039	0.00072	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Carbon tetrachloride	<0.0016		0.0016	0.00054	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Chlorobenzene	<0.0016		0.0016	0.00066	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Chloroethane	<0.0039		0.0039	0.0013	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Chloroform	<0.0016		0.0016	0.0011	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Chloromethane	<0.0039		0.0039	0.00076	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00063	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00063	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Dibromochloromethane	<0.0016		0.0016	0.00073	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
1,1-Dichloroethane	<0.0016		0.0016	0.00059	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
1,2-Dichloroethane	<0.0039		0.0039	0.0010	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
1,1-Dichloroethene	<0.0016		0.0016	0.00065	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Ethylbenzene	<0.0016		0.0016	0.00083	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
2-Hexanone	<0.0039		0.0039	0.0024	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Methylene Chloride	<0.0039		0.0039	0.0017	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
4-Methyl-2-pentanone (MIBK)	<0.0039		0.0039	0.0028	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00051	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Styrene	<0.0016		0.0016	0.00071	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00078	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Tetrachloroethene	<0.0016		0.0016	0.00088	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Toluene	<0.0016		0.0016	0.00032	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00060	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00075	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00064	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00059	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Trichloroethene	<0.0016		0.0016	0.00043	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Vinyl acetate	<0.0039		0.0039	0.00094	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Vinyl chloride	<0.0016	*1	0.0016	0.00064	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
Xylenes, Total	<0.0031		0.0031	0.00054	mg/Kg	☼	05/22/25 14:55	05/30/25 19:27	1
1,3-Dichloropropene, Total	<1.6		1.6	0.75	ug/Kg	☼	05/22/25 14:55	05/30/25 19:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*75 - 131*	*05/22/25 14:55*	*05/30/25 19:27*	*1*
Dibromofluoromethane	*114*		*75 - 126*	*05/22/25 14:55*	*05/30/25 19:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*131*		*70 - 134*	*05/22/25 14:55*	*05/30/25 19:27*	*1*
Toluene-d8 (Surr)	*95*		*75 - 124*	*05/22/25 14:55*	*05/30/25 19:27*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.039		0.039	0.0080	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Acenaphthylene	<0.039		0.039	0.0067	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Anthracene	<0.039		0.039	0.0080	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Benzo[a]anthracene	<0.039		0.039	0.0083	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B06 (1-5)
Date Collected: 05/21/25 12:10
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-11
Matrix: Solid
Percent Solids: 80.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Benzo[b]fluoranthene	<0.039		0.039	0.037	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Benzo[g,h,i]perylene	<0.039		0.039	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
4-Chloroaniline	<0.79		0.79	0.41	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
4-Chloro-3-methylphenol	<0.39		0.39	0.033	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Chrysene	<0.039		0.039	0.010	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.17	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
2,4-Dimethylphenol	<0.39		0.39	0.088	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Dimethyl phthalate	<0.20		0.20	0.0085	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.22	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
2,4-Dinitrophenol	<0.79		0.79	0.23	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Di-n-octyl phthalate	<0.39		0.39	0.28	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Fluoranthene	<0.039		0.039	0.0091	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Fluorene	<0.039		0.039	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Hexachlorobenzene	<0.079		0.079	0.0075	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Hexachlorocyclopentadiene	<0.79		0.79	0.42	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.038	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Isophorone	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
2-Methylnaphthalene	<0.079		0.079	0.0079	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Naphthalene	<0.039		0.039	0.0071	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
2-Nitroaniline	<0.20	*-	0.20	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
2-Nitrophenol	<0.39		0.39	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1

Client Sample ID: 5-B06 (1-5)
Date Collected: 05/21/25 12:10
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-11
Matrix: Solid
Percent Solids: 80.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.79		0.79	0.43	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.023	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
N-Nitrosodiphenylamine	<0.20		0.20	0.078	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Pentachlorophenol	<0.79		0.79	0.44	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Phenanthrene	<0.039		0.039	0.0086	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Phenol	<0.20		0.20	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
Pyrene	<0.039		0.039	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
2,4,5-Trichlorophenol	<0.39		0.39	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*58*		*43 - 145*	*05/28/25 07:39*	*05/28/25 20:48*	*1*
2-Fluorophenol	*52*		*31 - 166*	*05/28/25 07:39*	*05/28/25 20:48*	*1*
Nitrobenzene-d5 (Surr)	*45*		*37 - 147*	*05/28/25 07:39*	*05/28/25 20:48*	*1*
Phenol-d5	*51*		*30 - 153*	*05/28/25 07:39*	*05/28/25 20:48*	*1*
Terphenyl-d14 (Surr)	*87*		*42 - 157*	*05/28/25 07:39*	*05/28/25 20:48*	*1*
2,4,6-Tribromophenol	*86*		*31 - 143*	*05/28/25 07:39*	*05/28/25 20:48*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<200		200	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
beta-BHC	<200		200	160	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
delta-BHC	<200		200	96	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
gamma-BHC (Lindane)	<200		200	100	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
Heptachlor	<200		200	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
Aldrin	<200		200	140	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
Heptachlor epoxide	<200		200	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
Endosulfan I	<200		200	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
Dieldrin	<200		200	100	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
4,4'-DDE	<200		200	100	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
Endrin	<200		200	100	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
Endosulfan II	<200		200	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
4,4'-DDD	<200		200	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
Endosulfan sulfate	<200		200	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
4,4'-DDT	<200		200	95	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
Methoxychlor	<990		990	130	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
Endrin ketone	<200		200	98	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
Endrin aldehyde	<200		200	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
alpha-Chlordane	<200		200	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
gamma-Chlordane	<200		200	120	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100
Toxaphene	<2000		2000	800	ug/Kg	☼	05/27/25 14:12	05/30/25 16:10	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*33 - 148*	*05/27/25 14:12*	*05/30/25 16:10*	*100*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 121*	*05/27/25 14:12*	*05/30/25 16:10*	*100*

Client Sample ID: 5-B06 (1-5)

Date Collected: 05/21/25 12:10
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-11

Matrix: Solid
Percent Solids: 80.5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.020		0.020	0.0078	mg/Kg	☼	05/27/25 14:12	05/28/25 21:14	1
PCB-1221	<0.020		0.020	0.0078	mg/Kg	☼	05/27/25 14:12	05/28/25 21:14	1
PCB-1232	<0.020		0.020	0.0054	mg/Kg	☼	05/27/25 14:12	05/28/25 21:14	1
PCB-1242	<0.020		0.020	0.0077	mg/Kg	☼	05/27/25 14:12	05/28/25 21:14	1
PCB-1248	<0.020		0.020	0.0094	mg/Kg	☼	05/27/25 14:12	05/28/25 21:14	1
PCB-1254	<0.020		0.020	0.0067	mg/Kg	☼	05/27/25 14:12	05/28/25 21:14	1
PCB-1260	<0.020		0.020	0.0075	mg/Kg	☼	05/27/25 14:12	05/28/25 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*49 - 129*	*05/27/25 14:12*	*05/28/25 21:14*	*1*
DCB Decachlorobiphenyl	*50*		*37 - 121*	*05/27/25 14:12*	*05/28/25 21:14*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.46**	**J F1**	2.3	0.45	mg/Kg	☼	05/27/25 18:11	05/28/25 13:47	1
Arsenic	**4.2**		1.2	0.39	mg/Kg	☼	05/27/25 18:11	05/28/25 13:47	1
Barium	**120**		1.2	0.13	mg/Kg	☼	05/27/25 18:11	05/28/25 13:47	1
Beryllium	**0.46**		0.46	0.11	mg/Kg	☼	05/27/25 18:11	05/28/25 13:47	1
Boron	**7.5**	**B**	5.8	0.54	mg/Kg	☼	05/27/25 18:11	05/28/25 13:47	1
Cadmium	**0.26**		0.23	0.042	mg/Kg	☼	05/27/25 18:11	05/28/25 13:47	1
Chromium	**13**	**F1**	1.2	0.57	mg/Kg	☼	05/27/25 18:11	05/28/25 13:47	1
Cobalt	**7.9**		2.9	0.76	mg/Kg	☼	05/27/25 18:11	05/29/25 15:03	5
Copper	**10**		1.2	0.32	mg/Kg	☼	05/27/25 18:11	05/28/25 13:47	1
Iron	**11000**		23	12	mg/Kg	☼	05/27/25 18:11	05/28/25 13:47	1
Lead	**9.9**		0.58	0.27	mg/Kg	☼	05/27/25 18:11	05/28/25 13:47	1
Magnesium	**1600**	**F1**	12	5.7	mg/Kg	☼	05/27/25 18:11	05/28/25 13:47	1
Manganese	**590**	**F2**	1.2	0.17	mg/Kg	☼	05/27/25 18:11	05/28/25 13:47	1
Nickel	**15**		1.2	0.34	mg/Kg	☼	05/27/25 18:11	05/28/25 13:47	1
Selenium	<1.2		1.2	0.68	mg/Kg	☼	05/27/25 18:11	05/28/25 13:47	1
Silver	**1.8**		0.58	0.15	mg/Kg	☼	05/27/25 18:11	05/28/25 13:47	1
Thallium	**1.5**		1.2	0.58	mg/Kg	☼	05/27/25 18:11	05/29/25 14:59	1
Vanadium	**26**	**F1**	2.9	0.68	mg/Kg	☼	05/27/25 18:11	05/29/25 15:03	5
Zinc	**51**	**B**	2.3	1.0	mg/Kg	☼	05/27/25 18:11	05/28/25 13:47	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.36**		0.20	0.082	mg/L		05/27/25 14:42	05/28/25 16:50	1
Manganese	**12**		0.010	0.0023	mg/L		05/27/25 14:42	05/28/25 16:50	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**1.8**		0.010	0.0023	mg/L		05/27/25 08:07	05/27/25 23:18	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.028**		0.020	0.0083	mg/Kg	☼	05/30/25 15:05	06/02/25 08:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.29		0.29	0.15	mg/Kg	☼	05/27/25 15:17	05/28/25 09:27	1
pH (SW846 9045D)	**7.5**		0.2	0.2	SU			05/23/25 12:07	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B06 (5-12)
Date Collected: 05/21/25 12:15
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-12
Matrix: Solid
Percent Solids: 82.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.030**		0.018	0.0074	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Benzene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Bromodichloromethane	<0.0018		0.0018	0.00056	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Bromoform	<0.0018		0.0018	0.0010	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Bromomethane	<0.0044		0.0044	0.0022	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
2-Butanone (MEK)	**0.0044**		0.0044	0.0019	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Carbon disulfide	<0.0044		0.0044	0.00081	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Carbon tetrachloride	<0.0018		0.0018	0.00060	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Chlorobenzene	<0.0018		0.0018	0.00074	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Chloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Chloroform	<0.0018		0.0018	0.0013	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Chloromethane	<0.0044		0.0044	0.00085	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00071	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00070	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Dibromochloromethane	<0.0018		0.0018	0.00081	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
1,1-Dichloroethane	<0.0018		0.0018	0.00066	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
1,2-Dichloroethane	<0.0044		0.0044	0.0011	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
1,1-Dichloroethene	<0.0018		0.0018	0.00072	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
1,2-Dichloropropane	<0.0018		0.0018	0.00045	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Ethylbenzene	<0.0018		0.0018	0.00092	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
2-Hexanone	<0.0044		0.0044	0.0027	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Methylene Chloride	<0.0044		0.0044	0.0019	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
4-Methyl-2-pentanone (MIBK)	<0.0044		0.0044	0.0031	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00057	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Styrene	<0.0018		0.0018	0.00079	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00087	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Tetrachloroethene	<0.0018		0.0018	0.00099	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Toluene	<0.0018		0.0018	0.00035	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00066	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00084	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00071	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00066	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Trichloroethene	<0.0018		0.0018	0.00048	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Vinyl acetate	<0.0044		0.0044	0.0010	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Vinyl chloride	<0.0018	*1	0.0018	0.00072	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
Xylenes, Total	<0.0035		0.0035	0.00060	mg/Kg	☼	05/22/25 14:55	05/30/25 19:52	1
1,3-Dichloropropene, Total	<1.8		1.8	0.84	ug/Kg	☼	05/22/25 14:55	05/30/25 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*75 - 131*	*05/22/25 14:55*	*05/30/25 19:52*	*1*
Dibromofluoromethane	*112*		*75 - 126*	*05/22/25 14:55*	*05/30/25 19:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*128*		*70 - 134*	*05/22/25 14:55*	*05/30/25 19:52*	*1*
Toluene-d8 (Surr)	*94*		*75 - 124*	*05/22/25 14:55*	*05/30/25 19:52*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.039		0.039	0.0081	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Acenaphthylene	<0.039		0.039	0.0067	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Anthracene	<0.039		0.039	0.0081	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Benzo[a]anthracene	<0.039		0.039	0.0084	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B06 (5-12)
Date Collected: 05/21/25 12:15
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-12
Matrix: Solid
Percent Solids: 82.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Benzo[b]fluoranthene	<0.039		0.039	0.038	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Benzo[g,h,i]perylene	<0.039		0.039	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
4-Chloroaniline	<0.80		0.80	0.42	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
4-Chloro-3-methylphenol	<0.39		0.39	0.033	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Chrysene	<0.039		0.039	0.010	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.17	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
2,4-Dimethylphenol	<0.39		0.39	0.089	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Dimethyl phthalate	<0.20		0.20	0.0086	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.22	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
2,4-Dinitrophenol	<0.80		0.80	0.23	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Di-n-octyl phthalate	<0.39		0.39	0.28	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Fluoranthene	<0.039		0.039	0.0092	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Fluorene	<0.039		0.039	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Hexachlorobenzene	<0.080		0.080	0.0076	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Hexachlorocyclopentadiene	<0.80		0.80	0.42	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.039	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Isophorone	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
2-Methylnaphthalene	<0.080		0.080	0.0080	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Naphthalene	<0.039		0.039	0.0072	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
2-Nitroaniline	<0.20	*-	0.20	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Nitrobenzene	<0.039		0.039	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
2-Nitrophenol	<0.39		0.39	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1

Client Sample ID: 5-B06 (5-12)
Date Collected: 05/21/25 12:15
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-12
Matrix: Solid
Percent Solids: 82.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.80		0.80	0.43	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.023	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
N-Nitrosodiphenylamine	<0.20		0.20	0.079	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Pentachlorophenol	<0.80		0.80	0.44	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Phenanthrene	<0.039		0.039	0.0086	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Phenol	<0.20		0.20	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
Pyrene	<0.039		0.039	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
2,4,5-Trichlorophenol	<0.39		0.39	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1
2,4,6-Trichlorophenol	<0.39		0.39	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*55*		*43 - 145*	*05/28/25 07:39*	*05/28/25 21:12*	*1*
2-Fluorophenol	*51*		*31 - 166*	*05/28/25 07:39*	*05/28/25 21:12*	*1*
Nitrobenzene-d5 (Surr)	*45*		*37 - 147*	*05/28/25 07:39*	*05/28/25 21:12*	*1*
Phenol-d5	*51*		*30 - 153*	*05/28/25 07:39*	*05/28/25 21:12*	*1*
Terphenyl-d14 (Surr)	*80*		*42 - 157*	*05/28/25 07:39*	*05/28/25 21:12*	*1*
2,4,6-Tribromophenol	*77*		*31 - 143*	*05/28/25 07:39*	*05/28/25 21:12*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.1		2.1	0.41	mg/Kg	☼	05/27/25 18:11	05/28/25 14:08	1
Arsenic	**9.0**		1.0	0.36	mg/Kg	☼	05/27/25 18:11	05/28/25 14:08	1
Barium	**250**		1.0	0.12	mg/Kg	☼	05/27/25 18:11	05/28/25 14:08	1
Beryllium	**1.0**		0.42	0.097	mg/Kg	☼	05/27/25 18:11	05/28/25 14:08	1
Boron	**6.2**	**B**	5.2	0.49	mg/Kg	☼	05/27/25 18:11	05/28/25 14:08	1
Cadmium	**0.12**	**J**	0.21	0.038	mg/Kg	☼	05/27/25 18:11	05/28/25 14:08	1
Chromium	**21**		1.0	0.52	mg/Kg	☼	05/27/25 18:11	05/28/25 14:08	1
Cobalt	**9.0**		0.52	0.14	mg/Kg	☼	05/27/25 18:11	05/28/25 14:08	1
Copper	**14**		1.0	0.29	mg/Kg	☼	05/27/25 18:11	05/28/25 14:08	1
Iron	**30000**		21	11	mg/Kg	☼	05/27/25 18:11	05/28/25 14:08	1
Lead	**16**		0.52	0.24	mg/Kg	☼	05/27/25 18:11	05/28/25 14:08	1
Magnesium	**2500**		10	5.2	mg/Kg	☼	05/27/25 18:11	05/28/25 14:08	1
Manganese	**310**		1.0	0.15	mg/Kg	☼	05/27/25 18:11	05/28/25 14:08	1
Nickel	**37**		1.0	0.30	mg/Kg	☼	05/27/25 18:11	05/28/25 14:08	1
Selenium	<1.0		1.0	0.61	mg/Kg	☼	05/27/25 18:11	05/28/25 14:08	1
Silver	**4.4**		0.52	0.13	mg/Kg	☼	05/27/25 18:11	05/28/25 14:08	1
Thallium	<1.0		1.0	0.52	mg/Kg	☼	05/27/25 18:11	05/29/25 15:51	1
Vanadium	**43**		0.52	0.12	mg/Kg	☼	05/27/25 18:11	05/28/25 14:08	1
Zinc	**75**	**B**	2.1	0.92	mg/Kg	☼	05/27/25 18:11	05/28/25 14:08	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**12**		0.20	0.082	mg/L		05/27/25 14:42	05/28/25 16:55	1
Manganese	**17**		0.010	0.0023	mg/L		05/27/25 14:42	05/28/25 16:55	1
Silver	<0.0050		0.0050	0.0015	mg/L		05/27/25 14:42	05/28/25 16:55	1
Chromium	**0.0027**	**J**	0.010	0.0017	mg/L		05/27/25 14:42	05/28/25 16:55	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B06 (5-12)
Date Collected: 05/21/25 12:15
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-12
Matrix: Solid
Percent Solids: 82.5

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	13		0.20	0.082	mg/L		05/27/25 08:07	05/27/25 23:23	1
Manganese	0.43		0.010	0.0023	mg/L		05/27/25 08:07	05/27/25 23:23	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.039		0.019	0.0080	mg/Kg	☼	05/30/25 15:05	06/02/25 08:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.14	mg/Kg	☼	05/27/25 15:17	05/28/25 09:28	1
pH (SW846 9045D)	6.6		0.2	0.2	SU			05/23/25 12:09	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B07 (1-5)
Date Collected: 05/21/25 12:35
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-13
Matrix: Solid
Percent Solids: 84.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.014		0.014	0.0059	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Benzene	<0.0014		0.0014	0.00044	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Bromodichloromethane	<0.0014		0.0014	0.00045	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Bromoform	<0.0014		0.0014	0.00083	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Bromomethane	<0.0035		0.0035	0.0017	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
2-Butanone (MEK)	<0.0035		0.0035	0.0016	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Carbon disulfide	<0.0035		0.0035	0.00065	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Carbon tetrachloride	<0.0014		0.0014	0.00048	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Chlorobenzene	<0.0014		0.0014	0.00060	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Chloroethane	<0.0035		0.0035	0.0012	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Chloroform	<0.0014		0.0014	0.0010	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Chloromethane	<0.0035		0.0035	0.00069	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00057	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00057	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Dibromochloromethane	<0.0014		0.0014	0.00066	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
1,1-Dichloroethane	**0.024**		0.0014	0.00053	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
1,2-Dichloroethane	<0.0035		0.0035	0.00092	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
1,1-Dichloroethene	**0.0055**		0.0014	0.00058	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
1,2-Dichloropropane	<0.0014		0.0014	0.00036	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Ethylbenzene	<0.0014		0.0014	0.00074	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
2-Hexanone	<0.0035		0.0035	0.0021	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Methylene Chloride	<0.0035		0.0035	0.0015	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
4-Methyl-2-pentanone (MIBK)	<0.0035		0.0035	0.0025	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00046	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Styrene	<0.0014		0.0014	0.00064	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
1,1,2,2-Tetrachloroethane	<0.0014		0.0014	0.00070	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Tetrachloroethene	<0.0014		0.0014	0.00079	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Toluene	<0.0014		0.0014	0.00028	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00053	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00068	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
1,1,1-Trichloroethane	**0.039**		0.0014	0.00057	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00053	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Trichloroethene	<0.0014		0.0014	0.00038	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Vinyl acetate	<0.0035		0.0035	0.00084	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Vinyl chloride	<0.0014	*1	0.0014	0.00058	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
Xylenes, Total	<0.0028		0.0028	0.00048	mg/Kg	☼	05/22/25 14:55	05/30/25 20:17	1
1,3-Dichloropropene, Total	<1.4		1.4	0.68	ug/Kg	☼	05/22/25 14:55	05/30/25 20:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*75 - 131*	*05/22/25 14:55*	*05/30/25 20:17*	*1*
Dibromofluoromethane	*112*		*75 - 126*	*05/22/25 14:55*	*05/30/25 20:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*		*70 - 134*	*05/22/25 14:55*	*05/30/25 20:17*	*1*
Toluene-d8 (Surr)	*95*		*75 - 124*	*05/22/25 14:55*	*05/30/25 20:17*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.037		0.037	0.0075	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Anthracene	<0.037		0.037	0.0076	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Benzo[a]anthracene	**0.022**	**J**	0.037	0.0078	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B07 (1-5)
Date Collected: 05/21/25 12:35
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-13
Matrix: Solid
Percent Solids: 84.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Benzo[b]fluoranthene	**0.038**		0.037	0.035	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Benzo[g,h,i]perylene	<0.037		0.037	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.14	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.025	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Butyl benzyl phthalate	<0.19		0.19	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
4-Chloroaniline	<0.75		0.75	0.39	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.048	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Chrysene	**0.024**	**J**	0.037	0.0097	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
1,4-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
2,4-Dimethylphenol	<0.37		0.37	0.083	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Dimethyl phthalate	<0.19		0.19	0.0080	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.21	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
2,4-Dinitrophenol	<0.75		0.75	0.21	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Fluoranthene	**0.033**	**J**	0.037	0.0086	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Hexachlorobenzene	<0.075		0.075	0.0071	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Hexachlorocyclopentadiene	<0.75		0.75	0.39	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Hexachloroethane	<0.19		0.19	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.036	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
2-Methylnaphthalene	<0.075		0.075	0.0074	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
2-Methylphenol	<0.19		0.19	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Naphthalene	<0.037		0.037	0.0067	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
2-Nitroaniline	<0.19	*-	0.19	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B07 (1-5)
Date Collected: 05/21/25 12:35
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-13
Matrix: Solid
Percent Solids: 84.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.75		0.75	0.40	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
N-Nitrosodiphenylamine	<0.19		0.19	0.073	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Pentachlorophenol	<0.75		0.75	0.41	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Phenanthrene	**0.019**	**J**	0.037	0.0080	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Phenol	<0.19		0.19	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
Pyrene	**0.027**	**J**	0.037	0.010	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*70*		*43 - 145*	*05/28/25 07:39*	*05/28/25 21:36*	*1*
2-Fluorophenol	*61*		*31 - 166*	*05/28/25 07:39*	*05/28/25 21:36*	*1*
Nitrobenzene-d5 (Surr)	*54*		*37 - 147*	*05/28/25 07:39*	*05/28/25 21:36*	*1*
Phenol-d5	*59*		*30 - 153*	*05/28/25 07:39*	*05/28/25 21:36*	*1*
Terphenyl-d14 (Surr)	*90*		*42 - 157*	*05/28/25 07:39*	*05/28/25 21:36*	*1*
2,4,6-Tribromophenol	*94*		*31 - 143*	*05/28/25 07:39*	*05/28/25 21:36*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<200		200	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
beta-BHC	<200		200	160	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
delta-BHC	<200		200	93	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
gamma-BHC (Lindane)	<200		200	96	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
Heptachlor	<200		200	100	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
Aldrin	<200		200	130	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
Heptachlor epoxide	<200		200	100	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
Endosulfan I	<200		200	100	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
Dieldrin	<200		200	100	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
4,4'-DDE	<200		200	100	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
Endrin	<200		200	99	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
Endosulfan II	<200		200	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
4,4'-DDD	<200		200	100	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
Endosulfan sulfate	<200		200	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
4,4'-DDT	<200		200	92	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
Methoxychlor	<950		950	130	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
Endrin ketone	<200		200	94	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
Endrin aldehyde	<200		200	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
alpha-Chlordane	<200		200	100	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
gamma-Chlordane	<200		200	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100
Toxaphene	<1900		1900	770	ug/Kg	☼	05/27/25 14:12	05/30/25 16:22	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*33 - 148*	*05/27/25 14:12*	*05/30/25 16:22*	*100*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 121*	*05/27/25 14:12*	*05/30/25 16:22*	*100*

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B07 (1-5)

Date Collected: 05/21/25 12:35
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-13

Matrix: Solid
Percent Solids: 84.6

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.019		0.019	0.0075	mg/Kg	☼	05/27/25 14:12	05/28/25 21:29	1
PCB-1221	<0.019		0.019	0.0075	mg/Kg	☼	05/27/25 14:12	05/28/25 21:29	1
PCB-1232	<0.019		0.019	0.0052	mg/Kg	☼	05/27/25 14:12	05/28/25 21:29	1
PCB-1242	<0.019		0.019	0.0074	mg/Kg	☼	05/27/25 14:12	05/28/25 21:29	1
PCB-1248	<0.019		0.019	0.0091	mg/Kg	☼	05/27/25 14:12	05/28/25 21:29	1
PCB-1254	<0.019		0.019	0.0065	mg/Kg	☼	05/27/25 14:12	05/28/25 21:29	1
PCB-1260	<0.019		0.019	0.0072	mg/Kg	☼	05/27/25 14:12	05/28/25 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*49 - 129*	*05/27/25 14:12*	*05/28/25 21:29*	*1*
DCB Decachlorobiphenyl	*67*		*37 - 121*	*05/27/25 14:12*	*05/28/25 21:29*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.40	mg/Kg	☼	05/27/25 18:11	05/28/25 14:21	1
Arsenic	**4.0**		1.0	0.35	mg/Kg	☼	05/27/25 18:11	05/28/25 14:21	1
Barium	**120**		1.0	0.12	mg/Kg	☼	05/27/25 18:11	05/28/25 14:21	1
Beryllium	**0.59**		0.41	0.095	mg/Kg	☼	05/27/25 18:11	05/28/25 14:21	1
Boron	**8.1**	**B**	5.1	0.48	mg/Kg	☼	05/27/25 18:11	05/28/25 14:21	1
Cadmium	**0.24**		0.20	0.037	mg/Kg	☼	05/27/25 18:11	05/28/25 14:21	1
Chromium	**16**		1.0	0.51	mg/Kg	☼	05/27/25 18:11	05/28/25 14:21	1
Cobalt	**7.1**		0.51	0.13	mg/Kg	☼	05/27/25 18:11	05/28/25 14:21	1
Copper	**12**		1.0	0.29	mg/Kg	☼	05/27/25 18:11	05/28/25 14:21	1
Iron	**13000**		20	11	mg/Kg	☼	05/27/25 18:11	05/28/25 14:21	1
Lead	**12**		0.51	0.24	mg/Kg	☼	05/27/25 18:11	05/28/25 14:21	1
Magnesium	**1800**		10	5.1	mg/Kg	☼	05/27/25 18:11	05/28/25 14:21	1
Manganese	**880**		1.0	0.15	mg/Kg	☼	05/27/25 18:11	05/28/25 14:21	1
Nickel	**15**		1.0	0.30	mg/Kg	☼	05/27/25 18:11	05/28/25 14:21	1
Selenium	<1.0		1.0	0.60	mg/Kg	☼	05/27/25 18:11	05/28/25 14:21	1
Silver	**2.0**		0.51	0.13	mg/Kg	☼	05/27/25 18:11	05/28/25 14:21	1
Thallium	**1.8**		1.0	0.51	mg/Kg	☼	05/27/25 18:11	05/29/25 15:55	1
Vanadium	**30**		0.51	0.12	mg/Kg	☼	05/27/25 18:11	05/28/25 14:21	1
Zinc	**43**	**B**	2.0	0.90	mg/Kg	☼	05/27/25 18:11	05/28/25 14:21	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.63**		0.20	0.082	mg/L		05/27/25 14:42	05/28/25 16:59	1
Manganese	**19**		0.010	0.0023	mg/L		05/27/25 14:42	05/28/25 16:59	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**1.2**		0.010	0.0023	mg/L		05/27/25 08:07	05/27/25 23:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.065**		0.018	0.0075	mg/Kg	☼	05/30/25 15:05	06/02/25 08:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.26		0.26	0.13	mg/Kg	☼	05/27/25 15:17	05/28/25 09:28	1
pH (SW846 9045D)	**7.6**		0.2	0.2	SU			05/23/25 12:12	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B07 (5-12)
Date Collected: 05/21/25 12:40
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-14
Matrix: Solid
Percent Solids: 80.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.017**		0.015	0.0063	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Benzene	<0.0015		0.0015	0.00047	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Bromodichloromethane	<0.0015		0.0015	0.00048	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Bromoform	<0.0015		0.0015	0.00088	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Bromomethane	<0.0038		0.0038	0.0019	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
2-Butanone (MEK)	**0.0033**	**J**	0.0038	0.0017	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Carbon disulfide	<0.0038		0.0038	0.00069	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Carbon tetrachloride	<0.0015		0.0015	0.00051	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Chlorobenzene	<0.0015		0.0015	0.00064	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Chloroethane	<0.0038		0.0038	0.0012	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Chloromethane	<0.0038		0.0038	0.00073	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00061	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00061	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Dibromochloromethane	<0.0015		0.0015	0.00070	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
1,1-Dichloroethane	**0.0029**		0.0015	0.00057	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
1,2-Dichloroethane	<0.0038		0.0038	0.00098	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
1,1-Dichloroethene	<0.0015		0.0015	0.00062	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Ethylbenzene	<0.0015		0.0015	0.00079	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
2-Hexanone	<0.0038		0.0038	0.0023	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Methylene Chloride	<0.0038		0.0038	0.0016	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
4-Methyl-2-pentanone (MIBK)	<0.0038		0.0038	0.0027	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00049	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Styrene	<0.0015		0.0015	0.00068	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00075	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Tetrachloroethene	<0.0015		0.0015	0.00085	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Toluene	<0.0015		0.0015	0.00030	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00057	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00072	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
1,1,1-Trichloroethane	**0.0065**		0.0015	0.00061	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00056	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Trichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Vinyl acetate	<0.0038		0.0038	0.00090	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Vinyl chloride	<0.0015	*1	0.0015	0.00062	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
Xylenes, Total	<0.0030		0.0030	0.00052	mg/Kg	☼	05/22/25 14:55	05/30/25 20:42	1
1,3-Dichloropropene, Total	<1.5		1.5	0.72	ug/Kg	☼	05/22/25 14:55	05/30/25 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*75 - 131*	*05/22/25 14:55*	*05/30/25 20:42*	*1*
Dibromofluoromethane	*113*		*75 - 126*	*05/22/25 14:55*	*05/30/25 20:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*		*70 - 134*	*05/22/25 14:55*	*05/30/25 20:42*	*1*
Toluene-d8 (Surr)	*92*		*75 - 124*	*05/22/25 14:55*	*05/30/25 20:42*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.040		0.040	0.0083	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Acenaphthylene	<0.040		0.040	0.0069	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Anthracene	<0.040		0.040	0.0083	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Benzo[a]anthracene	<0.040		0.040	0.0086	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B07 (5-12)
Date Collected: 05/21/25 12:40
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-14
Matrix: Solid
Percent Solids: 80.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.040		0.040	0.039	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Benzo[b]fluoranthene	<0.040		0.040	0.039	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Benzo[g,h,i]perylene	<0.040		0.040	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Benzo[k]fluoranthene	<0.040		0.040	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
4-Chloroaniline	<0.82		0.82	0.43	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
4-Chloro-3-methylphenol	<0.40		0.40	0.034	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
1,2-Dichlorobenzene	<0.20		0.20	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.18	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Diethyl phthalate	<0.20		0.20	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
2,4-Dimethylphenol	<0.40		0.40	0.091	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Dimethyl phthalate	<0.20		0.20	0.0088	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.23	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
2,4-Dinitrophenol	<0.82		0.82	0.24	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
2,6-Dinitrotoluene	<0.20		0.20	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Fluoranthene	**0.013**	**J**	0.040	0.0094	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Hexachlorobenzene	<0.082		0.082	0.0078	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Hexachlorocyclopentadiene	<0.82		0.82	0.43	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.040	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Isophorone	<0.20		0.20	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
2-Methylnaphthalene	<0.082		0.082	0.0082	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
3 & 4 Methylphenol	<0.20		0.20	0.030	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Naphthalene	<0.040		0.040	0.0073	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
2-Nitroaniline	<0.20	*-	0.20	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
2-Nitrophenol	<0.40		0.40	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1

Client Sample ID: 5-B07 (5-12)

Date Collected: 05/21/25 12:40
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-14

Matrix: Solid
Percent Solids: 80.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.82		0.82	0.44	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.023	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
N-Nitrosodiphenylamine	<0.20		0.20	0.080	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Pentachlorophenol	<0.82		0.82	0.46	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Phenanthrene	<0.040		0.040	0.0088	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Phenol	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
Pyrene	<0.040		0.040	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*51*		*43 - 145*	*05/28/25 07:39*	*05/28/25 22:01*	*1*
2-Fluorophenol	*49*		*31 - 166*	*05/28/25 07:39*	*05/28/25 22:01*	*1*
Nitrobenzene-d5 (Surr)	*41*		*37 - 147*	*05/28/25 07:39*	*05/28/25 22:01*	*1*
Phenol-d5	*51*		*30 - 153*	*05/28/25 07:39*	*05/28/25 22:01*	*1*
Terphenyl-d14 (Surr)	*82*		*42 - 157*	*05/28/25 07:39*	*05/28/25 22:01*	*1*
2,4,6-Tribromophenol	*71*		*31 - 143*	*05/28/25 07:39*	*05/28/25 22:01*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.5		2.5	0.48	mg/Kg	☼	05/27/25 18:11	05/28/25 14:25	1
Arsenic	**8.0**		1.2	0.42	mg/Kg	☼	05/27/25 18:11	05/28/25 14:25	1
Barium	**51**		1.2	0.14	mg/Kg	☼	05/27/25 18:11	05/28/25 14:25	1
Beryllium	**0.65**		0.49	0.11	mg/Kg	☼	05/27/25 18:11	05/28/25 14:25	1
Boron	**4.9**	**J B**	6.1	0.57	mg/Kg	☼	05/27/25 18:11	05/28/25 14:25	1
Cadmium	**0.063**	**J**	0.25	0.044	mg/Kg	☼	05/27/25 18:11	05/28/25 14:25	1
Chromium	**17**		1.2	0.61	mg/Kg	☼	05/27/25 18:11	05/28/25 14:25	1
Cobalt	**5.7**		0.61	0.16	mg/Kg	☼	05/27/25 18:11	05/28/25 14:25	1
Copper	**25**		1.2	0.34	mg/Kg	☼	05/27/25 18:11	05/28/25 14:25	1
Iron	**20000**		25	13	mg/Kg	☼	05/27/25 18:11	05/28/25 14:25	1
Lead	**4.3**		0.61	0.28	mg/Kg	☼	05/27/25 18:11	05/28/25 14:25	1
Magnesium	**1800**		12	6.1	mg/Kg	☼	05/27/25 18:11	05/28/25 14:25	1
Manganese	**290**		1.2	0.18	mg/Kg	☼	05/27/25 18:11	05/28/25 14:25	1
Nickel	**19**		1.2	0.36	mg/Kg	☼	05/27/25 18:11	05/28/25 14:25	1
Selenium	<1.2		1.2	0.72	mg/Kg	☼	05/27/25 18:11	05/28/25 14:25	1
Silver	**2.8**		0.61	0.16	mg/Kg	☼	05/27/25 18:11	05/28/25 14:25	1
Thallium	**0.75**	**J**	1.2	0.61	mg/Kg	☼	05/27/25 18:11	05/29/25 15:59	1
Vanadium	**55**		0.61	0.15	mg/Kg	☼	05/27/25 18:11	05/28/25 14:25	1
Zinc	**27**	**B**	2.5	1.1	mg/Kg	☼	05/27/25 18:11	05/28/25 14:25	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**10**		0.20	0.082	mg/L		05/27/25 14:42	05/28/25 17:03	1
Manganese	**6.0**		0.010	0.0023	mg/L		05/27/25 14:42	05/28/25 17:03	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**35**		0.20	0.082	mg/L		05/27/25 08:07	05/27/25 23:31	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B07 (5-12)
Date Collected: 05/21/25 12:40
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-14
Matrix: Solid
Percent Solids: 80.9

Method: SW846 6010D - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.64		0.010	0.0023	mg/L		05/27/25 08:07	05/27/25 23:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016	J	0.020	0.0082	mg/Kg	☼	05/30/25 15:05	06/02/25 08:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.28		0.28	0.14	mg/Kg	☼	05/27/25 15:17	05/28/25 09:30	1
pH (SW846 9045D)	7.3		0.2	0.2	SU			05/23/25 12:16	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B08 (1-5)
Date Collected: 05/21/25 13:45
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-15
Matrix: Solid
Percent Solids: 84.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.010**	**J**	0.013	0.0057	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Benzene	<0.0013		0.0013	0.00042	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Bromodichloromethane	<0.0013		0.0013	0.00043	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Bromoform	<0.0013		0.0013	0.00079	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Bromomethane	<0.0034	*+	0.0034	0.0017	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
2-Butanone (MEK)	<0.0034		0.0034	0.0015	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Carbon disulfide	<0.0034		0.0034	0.00062	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Carbon tetrachloride	<0.0013		0.0013	0.00046	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Chlorobenzene	<0.0013		0.0013	0.00057	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Chloroethane	<0.0034	*+	0.0034	0.0011	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Chloroform	<0.0013		0.0013	0.00097	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Chloromethane	<0.0034		0.0034	0.00065	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
cis-1,2-Dichloroethene	<0.0013		0.0013	0.00054	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
cis-1,3-Dichloropropene	<0.0013		0.0013	0.00054	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Dibromochloromethane	<0.0013		0.0013	0.00063	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
1,1-Dichloroethane	<0.0013		0.0013	0.00051	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
1,2-Dichloroethane	<0.0034		0.0034	0.00087	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
1,1-Dichloroethene	<0.0013		0.0013	0.00056	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
1,2-Dichloropropane	<0.0013		0.0013	0.00035	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Ethylbenzene	<0.0013		0.0013	0.00071	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
2-Hexanone	<0.0034		0.0034	0.0020	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Methylene Chloride	<0.0034		0.0034	0.0014	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
4-Methyl-2-pentanone (MIBK)	<0.0034		0.0034	0.0024	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Methyl tert-butyl ether	<0.0013		0.0013	0.00044	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Styrene	<0.0013		0.0013	0.00061	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
1,1,2,2-Tetrachloroethane	<0.0013		0.0013	0.00067	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Tetrachloroethene	<0.0013		0.0013	0.00076	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Toluene	<0.0013		0.0013	0.00027	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
trans-1,2-Dichloroethene	<0.0013	*+	0.0013	0.00051	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
trans-1,3-Dichloropropene	<0.0013		0.0013	0.00065	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
1,1,1-Trichloroethane	<0.0013		0.0013	0.00055	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
1,1,2-Trichloroethane	<0.0013		0.0013	0.00051	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Trichloroethene	<0.0013		0.0013	0.00037	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Vinyl acetate	<0.0034		0.0034	0.00081	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Vinyl chloride	<0.0013	*+	0.0013	0.00055	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
Xylenes, Total	<0.0027		0.0027	0.00046	mg/Kg	☼	05/22/25 14:55	06/04/25 12:04	1
1,3-Dichloropropene, Total	<1.3		1.3	0.65	ug/Kg	☼	05/22/25 14:55	06/04/25 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*75 - 131*	*05/22/25 14:55*	*06/04/25 12:04*	*1*
Dibromofluoromethane	*101*		*75 - 126*	*05/22/25 14:55*	*06/04/25 12:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 134*	*05/22/25 14:55*	*06/04/25 12:04*	*1*
Toluene-d8 (Surr)	*101*		*75 - 124*	*05/22/25 14:55*	*06/04/25 12:04*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.039		0.039	0.0079	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Acenaphthylene	<0.039		0.039	0.0066	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Anthracene	<0.039		0.039	0.0080	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Benzo[a]anthracene	**0.025**	**J**	0.039	0.0083	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1

Client Sample ID: 5-B08 (1-5)
Date Collected: 05/21/25 13:45
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-15
Matrix: Solid
Percent Solids: 84.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Benzo[b]fluoranthene	**0.038**	**J**	0.039	0.037	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Benzo[g,h,i]perylene	**0.021**	**J**	0.039	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Butyl benzyl phthalate	<0.20		0.20	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Carbazole	<0.20		0.20	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
4-Chloroaniline	<0.79		0.79	0.41	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
4-Chloro-3-methylphenol	<0.39		0.39	0.033	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Chrysene	**0.028**	**J**	0.039	0.010	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
1,4-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.17	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
2,4-Dimethylphenol	<0.39		0.39	0.087	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Dimethyl phthalate	<0.20		0.20	0.0085	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.22	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
2,4-Dinitrophenol	<0.79		0.79	0.23	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
2,6-Dinitrotoluene	<0.20		0.20	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Di-n-octyl phthalate	<0.39		0.39	0.27	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Fluoranthene	**0.034**	**J**	0.039	0.0091	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Fluorene	<0.039		0.039	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Hexachlorobenzene	<0.079		0.079	0.0075	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Hexachlorocyclopentadiene	<0.79		0.79	0.41	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.038	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Isophorone	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
2-Methylnaphthalene	<0.079		0.079	0.0078	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Naphthalene	<0.039		0.039	0.0071	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
2-Nitroaniline	<0.20	*-	0.20	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
2-Nitrophenol	<0.39		0.39	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1

Client Sample ID: 5-B08 (1-5)
Lab Sample ID: 500-268736-15

Date Collected: 05/21/25 13:45
Matrix: Solid

Date Received: 05/22/25 09:45
Percent Solids: 84.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.79		0.79	0.42	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
N-Nitrosodiphenylamine	<0.20		0.20	0.077	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Pentachlorophenol	<0.79		0.79	0.44	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Phenanthrene	**0.028**	**J**	0.039	0.0085	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Phenol	<0.20		0.20	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
Pyrene	**0.030**	**J**	0.039	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
2,4,5-Trichlorophenol	<0.39		0.39	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 22:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*71*		*43 - 145*	*05/28/25 07:39*	*05/28/25 22:25*	*1*
2-Fluorophenol	*67*		*31 - 166*	*05/28/25 07:39*	*05/28/25 22:25*	*1*
Nitrobenzene-d5 (Surr)	*55*		*37 - 147*	*05/28/25 07:39*	*05/28/25 22:25*	*1*
Phenol-d5	*63*		*30 - 153*	*05/28/25 07:39*	*05/28/25 22:25*	*1*
Terphenyl-d14 (Surr)	*86*		*42 - 157*	*05/28/25 07:39*	*05/28/25 22:25*	*1*
2,4,6-Tribromophenol	*87*		*31 - 143*	*05/28/25 07:39*	*05/28/25 22:25*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<190		190	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
beta-BHC	<190		190	160	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
delta-BHC	<190		190	92	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
gamma-BHC (Lindane)	<190		190	96	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
Heptachlor	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
Aldrin	<190		190	130	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
Heptachlor epoxide	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
Endosulfan I	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
Dieldrin	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
4,4'-DDE	<190		190	99	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
Endrin	<190		190	98	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
Endosulfan II	<190		190	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
4,4'-DDD	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
Endosulfan sulfate	<190		190	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
4,4'-DDT	<190		190	92	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
Methoxychlor	<950		950	130	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
Endrin ketone	<190		190	94	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
Endrin aldehyde	<190		190	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
alpha-Chlordane	<190		190	100	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
gamma-Chlordane	<190		190	110	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100
Toxaphene	<1900		1900	770	ug/Kg	☼	05/27/25 14:12	05/30/25 16:34	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*0*	*S1-*	*33 - 148*	*05/27/25 14:12*	*05/30/25 16:34*	*100*
Tetrachloro-m-xylene	*0*	*S1-*	*30 - 121*	*05/27/25 14:12*	*05/30/25 16:34*	*100*

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B08 (1-5)

Date Collected: 05/21/25 13:45
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-15

Matrix: Solid
Percent Solids: 84.1

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.019		0.019	0.0075	mg/Kg	☼	05/27/25 14:12	05/28/25 21:44	1
PCB-1221	<0.019		0.019	0.0075	mg/Kg	☼	05/27/25 14:12	05/28/25 21:44	1
PCB-1232	<0.019		0.019	0.0052	mg/Kg	☼	05/27/25 14:12	05/28/25 21:44	1
PCB-1242	<0.019		0.019	0.0074	mg/Kg	☼	05/27/25 14:12	05/28/25 21:44	1
PCB-1248	<0.019		0.019	0.0091	mg/Kg	☼	05/27/25 14:12	05/28/25 21:44	1
PCB-1254	<0.019		0.019	0.0065	mg/Kg	☼	05/27/25 14:12	05/28/25 21:44	1
PCB-1260	<0.019		0.019	0.0072	mg/Kg	☼	05/27/25 14:12	05/28/25 21:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*49 - 129*	*05/27/25 14:12*	*05/28/25 21:44*	*1*
DCB Decachlorobiphenyl	*61*		*37 - 121*	*05/27/25 14:12*	*05/28/25 21:44*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.1		2.1	0.41	mg/Kg	☼	05/27/25 18:11	05/28/25 14:29	1
Arsenic	**2.8**		1.1	0.36	mg/Kg	☼	05/27/25 18:11	05/28/25 14:29	1
Barium	**110**		1.1	0.12	mg/Kg	☼	05/27/25 18:11	05/28/25 14:29	1
Beryllium	**0.48**		0.42	0.098	mg/Kg	☼	05/27/25 18:11	05/28/25 14:29	1
Boron	**8.7**	**B**	5.3	0.49	mg/Kg	☼	05/27/25 18:11	05/28/25 14:29	1
Cadmium	**0.12**	**J**	0.21	0.038	mg/Kg	☼	05/27/25 18:11	05/28/25 14:29	1
Chromium	**14**		1.1	0.52	mg/Kg	☼	05/27/25 18:11	05/28/25 14:29	1
Cobalt	**6.4**		0.53	0.14	mg/Kg	☼	05/27/25 18:11	05/28/25 14:29	1
Copper	**10**		1.1	0.29	mg/Kg	☼	05/27/25 18:11	05/28/25 14:29	1
Iron	**11000**		21	11	mg/Kg	☼	05/27/25 18:11	05/28/25 14:29	1
Lead	**6.6**		0.53	0.24	mg/Kg	☼	05/27/25 18:11	05/28/25 14:29	1
Magnesium	**1600**		11	5.2	mg/Kg	☼	05/27/25 18:11	05/28/25 14:29	1
Manganese	**500**		1.1	0.15	mg/Kg	☼	05/27/25 18:11	05/28/25 14:29	1
Nickel	**12**		1.1	0.31	mg/Kg	☼	05/27/25 18:11	05/28/25 14:29	1
Selenium	<1.1		1.1	0.62	mg/Kg	☼	05/27/25 18:11	05/28/25 14:29	1
Silver	**1.7**		0.53	0.14	mg/Kg	☼	05/27/25 18:11	05/28/25 14:29	1
Thallium	**1.1**		1.1	0.53	mg/Kg	☼	05/27/25 18:11	05/29/25 16:03	1
Vanadium	**25**		0.53	0.12	mg/Kg	☼	05/27/25 18:11	05/28/25 14:29	1
Zinc	**27**	**B**	2.1	0.92	mg/Kg	☼	05/27/25 18:11	05/28/25 14:29	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.2**	**B**	0.20	0.082	mg/L		05/28/25 13:06	05/29/25 13:23	1
Manganese	**10**		0.010	0.0023	mg/L		05/28/25 13:06	05/30/25 17:13	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**2.1**		0.010	0.0023	mg/L		05/28/25 13:08	05/29/25 14:36	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.025**		0.019	0.0080	mg/Kg	☼	05/30/25 15:05	06/02/25 08:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.14	mg/Kg	☼	05/27/25 15:17	05/28/25 09:30	1
pH (SW846 9045D)	**8.4**		0.2	0.2	SU			05/23/25 12:21	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B08 (5-12)
Date Collected: 05/21/25 13:50
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-16
Matrix: Solid
Percent Solids: 85.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0077**	**J**	0.018	0.0077	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Benzene	<0.0018		0.0018	0.00058	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Bromodichloromethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Bromoform	<0.0018		0.0018	0.0011	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Bromomethane	<0.0046	*+	0.0046	0.0023	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
2-Butanone (MEK)	<0.0046		0.0046	0.0020	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Carbon disulfide	<0.0046		0.0046	0.00084	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Carbon tetrachloride	<0.0018		0.0018	0.00062	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Chlorobenzene	<0.0018		0.0018	0.00077	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Chloroethane	<0.0046	*+	0.0046	0.0015	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Chloroform	<0.0018		0.0018	0.0013	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Chloromethane	<0.0046		0.0046	0.00089	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00074	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00073	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Dibromochloromethane	<0.0018		0.0018	0.00085	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
1,1-Dichloroethane	<0.0018		0.0018	0.00069	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
1,2-Dichloroethane	<0.0046		0.0046	0.0012	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
1,1-Dichloroethene	<0.0018		0.0018	0.00075	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Ethylbenzene	<0.0018		0.0018	0.00096	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
2-Hexanone	<0.0046		0.0046	0.0028	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Methylene Chloride	<0.0046		0.0046	0.0020	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
4-Methyl-2-pentanone (MIBK)	<0.0046		0.0046	0.0033	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00059	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Styrene	<0.0018		0.0018	0.00082	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00091	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Tetrachloroethene	<0.0018		0.0018	0.0010	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Toluene	<0.0018		0.0018	0.00037	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
trans-1,2-Dichloroethene	<0.0018	*+	0.0018	0.00069	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00088	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00074	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00069	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Trichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Vinyl acetate	<0.0046		0.0046	0.0011	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Vinyl chloride	<0.0018	*+	0.0018	0.00075	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
Xylenes, Total	<0.0037		0.0037	0.00063	mg/Kg	☼	05/22/25 14:55	06/04/25 12:30	1
1,3-Dichloropropene, Total	<1.8		1.8	0.88	ug/Kg	☼	05/22/25 14:55	06/04/25 12:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*75 - 131*	*05/22/25 14:55*	*06/04/25 12:30*	*1*
Dibromofluoromethane	*97*		*75 - 126*	*05/22/25 14:55*	*06/04/25 12:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 134*	*05/22/25 14:55*	*06/04/25 12:30*	*1*
Toluene-d8 (Surr)	*102*		*75 - 124*	*05/22/25 14:55*	*06/04/25 12:30*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.037		0.037	0.0075	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Acenaphthylene	<0.037		0.037	0.0062	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Anthracene	<0.037		0.037	0.0075	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Benzo[a]anthracene	<0.037		0.037	0.0078	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1

Client Sample ID: 5-B08 (5-12)
Date Collected: 05/21/25 13:50
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-16
Matrix: Solid
Percent Solids: 85.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.037		0.037	0.035	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Benzo[b]fluoranthene	<0.037		0.037	0.035	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Benzo[g,h,i]perylene	<0.037		0.037	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
4-Chloroaniline	<0.74		0.74	0.38	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
2-Chloronaphthalene	<0.18		0.18	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Chrysene	<0.037		0.037	0.0097	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
1,3-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
2,4-Dimethylphenol	<0.37		0.37	0.082	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Dimethyl phthalate	<0.18		0.18	0.0080	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Di-n-butyl phthalate	<0.18		0.18	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
2,6-Dinitrotoluene	<0.18		0.18	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Fluoranthene	<0.037		0.037	0.0085	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Hexachlorobenzene	<0.074		0.074	0.0070	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Hexachlorobutadiene	<0.18		0.18	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Hexachlorocyclopentadiene	<0.74		0.74	0.39	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.036	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Isophorone	<0.18		0.18	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
2-Methylnaphthalene	<0.074		0.074	0.0074	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
3 & 4 Methylphenol	<0.18		0.18	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Naphthalene	<0.037		0.037	0.0066	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
2-Nitroaniline	<0.18	*-	0.18	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1

Client Sample ID: 5-B08 (5-12)
Date Collected: 05/21/25 13:50
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-16
Matrix: Solid
Percent Solids: 85.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.74		0.74	0.40	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
N-Nitrosodiphenylamine	<0.18		0.18	0.073	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Pentachlorophenol	<0.74		0.74	0.41	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Phenanthrene	<0.037		0.037	0.0080	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Phenol	<0.18		0.18	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
Pyrene	<0.037		0.037	0.010	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*52*		*43 - 145*	*05/28/25 07:39*	*05/28/25 19:35*	*1*
2-Fluorophenol	*50*		*31 - 166*	*05/28/25 07:39*	*05/28/25 19:35*	*1*
Nitrobenzene-d5 (Surr)	*38*		*37 - 147*	*05/28/25 07:39*	*05/28/25 19:35*	*1*
Phenol-d5	*50*		*30 - 153*	*05/28/25 07:39*	*05/28/25 19:35*	*1*
Terphenyl-d14 (Surr)	*87*		*42 - 157*	*05/28/25 07:39*	*05/28/25 19:35*	*1*
2,4,6-Tribromophenol	*72*		*31 - 143*	*05/28/25 07:39*	*05/28/25 19:35*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.44	mg/Kg	☼	05/27/25 18:11	05/28/25 14:34	1
Arsenic	**2.5**		1.1	0.38	mg/Kg	☼	05/27/25 18:11	05/28/25 14:34	1
Barium	**37**		1.1	0.13	mg/Kg	☼	05/27/25 18:11	05/28/25 14:34	1
Beryllium	**0.33**	**J**	0.45	0.11	mg/Kg	☼	05/27/25 18:11	05/28/25 14:34	1
Boron	**4.5**	**J B**	5.6	0.52	mg/Kg	☼	05/27/25 18:11	05/28/25 14:34	1
Cadmium	**0.049**	**J**	0.22	0.040	mg/Kg	☼	05/27/25 18:11	05/28/25 14:34	1
Chromium	**16**		1.1	0.56	mg/Kg	☼	05/27/25 18:11	05/28/25 14:34	1
Cobalt	**3.2**		0.56	0.15	mg/Kg	☼	05/27/25 18:11	05/28/25 14:34	1
Copper	**11**		1.1	0.31	mg/Kg	☼	05/27/25 18:11	05/28/25 14:34	1
Iron	**12000**		22	12	mg/Kg	☼	05/27/25 18:11	05/28/25 14:34	1
Lead	**3.3**		0.56	0.26	mg/Kg	☼	05/27/25 18:11	05/28/25 14:34	1
Magnesium	**1400**		11	5.6	mg/Kg	☼	05/27/25 18:11	05/28/25 14:34	1
Manganese	**120**		1.1	0.16	mg/Kg	☼	05/27/25 18:11	05/28/25 14:34	1
Nickel	**9.9**		1.1	0.33	mg/Kg	☼	05/27/25 18:11	05/28/25 14:34	1
Selenium	<1.1		1.1	0.66	mg/Kg	☼	05/27/25 18:11	05/28/25 14:34	1
Silver	**1.7**		0.56	0.15	mg/Kg	☼	05/27/25 18:11	05/28/25 14:34	1
Thallium	<1.1		1.1	0.56	mg/Kg	☼	05/27/25 18:11	05/29/25 16:08	1
Vanadium	**34**		0.56	0.13	mg/Kg	☼	05/27/25 18:11	05/28/25 14:34	1
Zinc	**18**	**B**	2.2	0.99	mg/Kg	☼	05/27/25 18:11	05/28/25 14:34	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**20**	**B**	0.20	0.082	mg/L		05/28/25 13:06	05/29/25 13:27	1
Manganese	**2.5**		0.010	0.0023	mg/L		05/28/25 13:06	05/30/25 17:17	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**53**		0.20	0.082	mg/L		05/28/25 13:08	05/29/25 14:41	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B08 (5-12)
Date Collected: 05/21/25 13:50
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-16
Matrix: Solid
Percent Solids: 85.6

Method: SW846 6010D - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.51**		0.010	0.0023	mg/L		05/28/25 13:08	05/29/25 14:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.010**	**J**	0.019	0.0077	mg/Kg	☼	05/30/25 15:05	06/02/25 08:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.28		0.28	0.14	mg/Kg	☼	05/27/25 15:17	05/28/25 09:30	1
pH (SW846 9045D)	**8.3**		0.2	0.2	SU			05/23/25 12:24	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B09 (1-5)
Date Collected: 05/21/25 14:30
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-17
Matrix: Solid
Percent Solids: 79.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0077	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Benzene	<0.0018		0.0018	0.00058	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Bromodichloromethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Bromoform	<0.0018		0.0018	0.0011	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Bromomethane	<0.0046	*+	0.0046	0.0023	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
2-Butanone (MEK)	<0.0046		0.0046	0.0020	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Carbon disulfide	<0.0046		0.0046	0.00085	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Carbon tetrachloride	<0.0018		0.0018	0.00063	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Chlorobenzene	<0.0018		0.0018	0.00078	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Chloroethane	<0.0046	*+	0.0046	0.0015	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Chloroform	<0.0018		0.0018	0.0013	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Chloromethane	<0.0046		0.0046	0.00089	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00074	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00074	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Dibromochloromethane	<0.0018		0.0018	0.00085	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
1,1-Dichloroethane	<0.0018		0.0018	0.00069	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
1,2-Dichloroethane	<0.0046		0.0046	0.0012	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
1,1-Dichloroethene	<0.0018		0.0018	0.00076	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
1,2-Dichloropropane	<0.0018		0.0018	0.00048	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Ethylbenzene	<0.0018		0.0018	0.00097	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
2-Hexanone	<0.0046		0.0046	0.0028	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Methylene Chloride	<0.0046		0.0046	0.0020	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
4-Methyl-2-pentanone (MIBK)	<0.0046		0.0046	0.0033	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00060	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Styrene	<0.0018		0.0018	0.00083	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00091	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Tetrachloroethene	<0.0018		0.0018	0.0010	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Toluene	<0.0018		0.0018	0.00037	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
trans-1,2-Dichloroethene	<0.0018	*+	0.0018	0.00070	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00088	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00075	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00069	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Trichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Vinyl acetate	<0.0046		0.0046	0.0011	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Vinyl chloride	<0.0018	*+	0.0018	0.00075	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
Xylenes, Total	<0.0037		0.0037	0.00063	mg/Kg	☼	05/22/25 14:55	06/04/25 12:55	1
1,3-Dichloropropene, Total	<1.8		1.8	0.88	ug/Kg	☼	05/22/25 14:55	06/04/25 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*75 - 131*	*05/22/25 14:55*	*06/04/25 12:55*	*1*
Dibromofluoromethane	*97*		*75 - 126*	*05/22/25 14:55*	*06/04/25 12:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 134*	*05/22/25 14:55*	*06/04/25 12:55*	*1*
Toluene-d8 (Surr)	*102*		*75 - 124*	*05/22/25 14:55*	*06/04/25 12:55*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.040		0.040	0.0082	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Acenaphthylene	<0.040		0.040	0.0068	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Anthracene	<0.040		0.040	0.0082	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Benzo[a]anthracene	<0.040		0.040	0.0085	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B09 (1-5)
Date Collected: 05/21/25 14:30
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-17
Matrix: Solid
Percent Solids: 79.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.040		0.040	0.039	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Benzo[b]fluoranthene	<0.040		0.040	0.038	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Benzo[g,h,i]perylene	<0.040		0.040	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Benzo[k]fluoranthene	<0.040		0.040	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
4-Chloroaniline	<0.81		0.81	0.42	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
4-Chloro-3-methylphenol	<0.40		0.40	0.034	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.18	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
2,4-Dimethylphenol	<0.40		0.40	0.090	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Dimethyl phthalate	<0.20		0.20	0.0088	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.23	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
2,4-Dinitrophenol	<0.81		0.81	0.23	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Fluoranthene	<0.040		0.040	0.0094	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Hexachlorobenzene	<0.081		0.081	0.0077	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Hexachlorocyclopentadiene	<0.81		0.81	0.43	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.039	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Isophorone	<0.20		0.20	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
2-Methylnaphthalene	<0.081		0.081	0.0081	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
3 & 4 Methylphenol	<0.20		0.20	0.030	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Naphthalene	<0.040		0.040	0.0073	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
2-Nitroaniline	<0.20	*-	0.20	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1

Client Sample ID: 5-B09 (1-5)
Date Collected: 05/21/25 14:30
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-17
Matrix: Solid
Percent Solids: 79.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.81		0.81	0.44	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.023	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
N-Nitrosodiphenylamine	<0.20		0.20	0.080	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Pentachlorophenol	<0.81		0.81	0.45	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Phenanthrene	<0.040		0.040	0.0088	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Phenol	<0.20		0.20	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
Pyrene	<0.040		0.040	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*61*		*43 - 145*	*05/28/25 07:39*	*05/28/25 22:49*	*1*
2-Fluorophenol	*57*		*31 - 166*	*05/28/25 07:39*	*05/28/25 22:49*	*1*
Nitrobenzene-d5 (Surr)	*50*		*37 - 147*	*05/28/25 07:39*	*05/28/25 22:49*	*1*
Phenol-d5	*53*		*30 - 153*	*05/28/25 07:39*	*05/28/25 22:49*	*1*
Terphenyl-d14 (Surr)	*81*		*42 - 157*	*05/28/25 07:39*	*05/28/25 22:49*	*1*
2,4,6-Tribromophenol	*73*		*31 - 143*	*05/28/25 07:39*	*05/28/25 22:49*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<2.1		2.1	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
beta-BHC	<2.1		2.1	1.7	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
delta-BHC	<2.1		2.1	0.99	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
gamma-BHC (Lindane)	<2.1		2.1	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
Heptachlor	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
Aldrin	<2.1		2.1	1.4	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
Heptachlor epoxide	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
Endosulfan I	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
Dieldrin	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
4,4'-DDE	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
Endrin	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
Endosulfan II	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
4,4'-DDD	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
Endosulfan sulfate	<2.1		2.1	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
4,4'-DDT	<2.1		2.1	0.99	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
Methoxychlor	<10		10	1.4	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
Endrin ketone	<2.1		2.1	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
Endrin aldehyde	<2.1		2.1	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
alpha-Chlordane	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
gamma-Chlordane	<2.1		2.1	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1
Toxaphene	<21		21	8.3	ug/Kg	☼	05/27/25 14:12	05/28/25 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*80*		*33 - 148*	*05/27/25 14:12*	*05/28/25 17:11*	*1*
Tetrachloro-m-xylene	*61*		*30 - 121*	*05/27/25 14:12*	*05/28/25 17:11*	*1*

Client Sample ID: 5-B09 (1-5)

Date Collected: 05/21/25 14:30
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-17

Matrix: Solid
Percent Solids: 79.4

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.021		0.021	0.0081	mg/Kg	☼	05/27/25 14:12	05/28/25 21:59	1
PCB-1221	<0.021		0.021	0.0081	mg/Kg	☼	05/27/25 14:12	05/28/25 21:59	1
PCB-1232	<0.021		0.021	0.0056	mg/Kg	☼	05/27/25 14:12	05/28/25 21:59	1
PCB-1242	<0.021		0.021	0.0080	mg/Kg	☼	05/27/25 14:12	05/28/25 21:59	1
PCB-1248	<0.021		0.021	0.0098	mg/Kg	☼	05/27/25 14:12	05/28/25 21:59	1
PCB-1254	<0.021		0.021	0.0070	mg/Kg	☼	05/27/25 14:12	05/28/25 21:59	1
PCB-1260	<0.021		0.021	0.0077	mg/Kg	☼	05/27/25 14:12	05/28/25 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*49 - 129*	*05/27/25 14:12*	*05/28/25 21:59*	*1*
DCB Decachlorobiphenyl	*77*		*37 - 121*	*05/27/25 14:12*	*05/28/25 21:59*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.5		2.5	0.48	mg/Kg	☼	05/27/25 18:11	05/28/25 14:38	1
Arsenic	**4.3**		1.2	0.43	mg/Kg	☼	05/27/25 18:11	05/28/25 14:38	1
Barium	**72**		1.2	0.14	mg/Kg	☼	05/27/25 18:11	05/28/25 14:38	1
Beryllium	**0.66**		0.50	0.12	mg/Kg	☼	05/27/25 18:11	05/28/25 14:38	1
Boron	**7.5**	**B**	6.2	0.58	mg/Kg	☼	05/27/25 18:11	05/28/25 14:38	1
Cadmium	**0.15**	**J**	0.25	0.045	mg/Kg	☼	05/27/25 18:11	05/28/25 14:38	1
Chromium	**23**		1.2	0.62	mg/Kg	☼	05/27/25 18:11	05/28/25 14:38	1
Cobalt	**11**		3.1	0.82	mg/Kg	☼	05/27/25 18:11	05/29/25 16:25	5
Copper	**26**		1.2	0.35	mg/Kg	☼	05/27/25 18:11	05/28/25 14:38	1
Iron	**22000**		25	13	mg/Kg	☼	05/27/25 18:11	05/28/25 14:38	1
Lead	**8.2**		0.62	0.29	mg/Kg	☼	05/27/25 18:11	05/28/25 14:38	1
Magnesium	**4100**		12	6.2	mg/Kg	☼	05/27/25 18:11	05/28/25 14:38	1
Manganese	**320**		1.2	0.18	mg/Kg	☼	05/27/25 18:11	05/28/25 14:38	1
Nickel	**25**		1.2	0.36	mg/Kg	☼	05/27/25 18:11	05/28/25 14:38	1
Selenium	<1.2		1.2	0.73	mg/Kg	☼	05/27/25 18:11	05/28/25 14:38	1
Silver	**3.1**		0.62	0.16	mg/Kg	☼	05/27/25 18:11	05/28/25 14:38	1
Thallium	**0.82**	**J**	1.2	0.62	mg/Kg	☼	05/27/25 18:11	05/29/25 16:12	1
Vanadium	**59**		3.1	0.73	mg/Kg	☼	05/27/25 18:11	05/29/25 16:25	5
Zinc	**35**	**B**	2.5	1.1	mg/Kg	☼	05/27/25 18:11	05/28/25 14:38	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.33**	**B**	0.20	0.082	mg/L		05/28/25 13:06	05/29/25 13:32	1
Manganese	**0.066**		0.010	0.0023	mg/L		05/28/25 13:06	05/30/25 17:22	1
Chromium	**0.0058**	**J B**	0.010	0.0017	mg/L		05/28/25 13:06	05/29/25 13:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.025**		0.020	0.0083	mg/Kg	☼	05/30/25 15:05	06/02/25 08:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.29		0.29	0.15	mg/Kg	☼	05/27/25 15:17	05/28/25 09:32	1
pH (SW846 9045D)	**7.4**		0.2	0.2	SU			05/23/25 12:26	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B09 (5-12)
Date Collected: 05/21/25 14:35
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-18
Matrix: Solid
Percent Solids: 90.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.013		0.013	0.0055	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Benzene	<0.0013		0.0013	0.00041	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Bromodichloromethane	<0.0013		0.0013	0.00042	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Bromoform	<0.0013		0.0013	0.00077	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Bromomethane	<0.0033	*+	0.0033	0.0016	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
2-Butanone (MEK)	<0.0033		0.0033	0.0014	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Carbon disulfide	<0.0033		0.0033	0.00061	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Carbon tetrachloride	<0.0013		0.0013	0.00045	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Chlorobenzene	<0.0013		0.0013	0.00056	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Chloroethane	<0.0033	*+	0.0033	0.0011	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Chloroform	<0.0013		0.0013	0.00094	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Chloromethane	<0.0033		0.0033	0.00064	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
cis-1,2-Dichloroethene	<0.0013		0.0013	0.00053	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
cis-1,3-Dichloropropene	<0.0013		0.0013	0.00053	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Dibromochloromethane	<0.0013		0.0013	0.00061	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
1,1-Dichloroethane	<0.0013		0.0013	0.00050	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
1,2-Dichloroethane	<0.0033		0.0033	0.00085	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
1,1-Dichloroethene	<0.0013		0.0013	0.00054	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
1,2-Dichloropropane	<0.0013		0.0013	0.00034	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Ethylbenzene	<0.0013		0.0013	0.00069	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
2-Hexanone	<0.0033		0.0033	0.0020	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Methylene Chloride	<0.0033		0.0033	0.0014	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
4-Methyl-2-pentanone (MIBK)	<0.0033		0.0033	0.0023	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Methyl tert-butyl ether	<0.0013		0.0013	0.00042	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Styrene	<0.0013		0.0013	0.00059	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
1,1,2,2-Tetrachloroethane	<0.0013		0.0013	0.00065	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Tetrachloroethene	<0.0013		0.0013	0.00074	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Toluene	<0.0013		0.0013	0.00026	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
trans-1,2-Dichloroethene	<0.0013	*+	0.0013	0.00050	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
trans-1,3-Dichloropropene	<0.0013		0.0013	0.00063	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
1,1,1-Trichloroethane	<0.0013		0.0013	0.00053	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
1,1,2-Trichloroethane	<0.0013		0.0013	0.00049	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Trichloroethene	<0.0013		0.0013	0.00036	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Vinyl acetate	<0.0033		0.0033	0.00078	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Vinyl chloride	<0.0013	*+	0.0013	0.00054	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
Xylenes, Total	<0.0026		0.0026	0.00045	mg/Kg	☼	05/22/25 14:55	06/04/25 13:20	1
1,3-Dichloropropene, Total	<1.3		1.3	0.63	ug/Kg	☼	05/22/25 14:55	06/04/25 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*75 - 131*	*05/22/25 14:55*	*06/04/25 13:20*	*1*
Dibromofluoromethane	*99*		*75 - 126*	*05/22/25 14:55*	*06/04/25 13:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 134*	*05/22/25 14:55*	*06/04/25 13:20*	*1*
Toluene-d8 (Surr)	*106*		*75 - 124*	*05/22/25 14:55*	*06/04/25 13:20*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.036		0.036	0.0073	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Acenaphthylene	<0.036		0.036	0.0061	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Anthracene	<0.036		0.036	0.0074	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Benzo[a]anthracene	**0.029**	**J**	0.036	0.0077	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1

Client Sample ID: 5-B09 (5-12)

Date Collected: 05/21/25 14:35
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-18

Matrix: Solid
Percent Solids: 90.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.043**		0.036	0.035	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Benzo[b]fluoranthene	**0.052**		0.036	0.034	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Benzo[g,h,i]perylene	**0.17**		0.036	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
4-Chloroaniline	<0.73		0.73	0.38	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
4-Chloro-3-methylphenol	<0.36		0.36	0.030	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Chrysene	**0.029**	**J**	0.036	0.0095	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Dibenzofuran	**0.029**	**J**	0.18	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
2,4-Dimethylphenol	<0.36		0.36	0.081	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Dimethyl phthalate	<0.18		0.18	0.0078	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.20	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
2,4-Dinitrophenol	<0.73		0.73	0.21	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
2,6-Dinitrotoluene	<0.18		0.18	0.025	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Di-n-octyl phthalate	<0.36		0.36	0.25	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Fluoranthene	**0.027**	**J**	0.036	0.0084	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Fluorene	**0.030**	**J**	0.036	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Hexachlorobenzene	<0.073		0.073	0.0069	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Hexachlorocyclopentadiene	<0.73		0.73	0.38	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.035	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Isophorone	<0.18		0.18	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
2-Methylnaphthalene	**0.14**		0.073	0.0072	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Naphthalene	**0.019**	**J**	0.036	0.0065	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
2-Nitroaniline	<0.18	*-	0.18	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
3-Nitroaniline	<0.36		0.36	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Nitrobenzene	<0.036		0.036	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
2-Nitrophenol	<0.36		0.36	0.024	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1

Client Sample ID: 5-B09 (5-12)
Date Collected: 05/21/25 14:35
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-18
Matrix: Solid
Percent Solids: 90.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.73		0.73	0.39	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
N-Nitrosodiphenylamine	<0.18		0.18	0.071	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Pentachlorophenol	<0.73		0.73	0.40	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Phenanthrene	**0.11**		0.036	0.0079	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Phenol	<0.18		0.18	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
Pyrene	**0.059**		0.036	0.0099	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
2,4,5-Trichlorophenol	<0.36		0.36	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*43 - 145*	*05/28/25 07:39*	*05/28/25 23:13*	*1*
2-Fluorophenol	*60*		*31 - 166*	*05/28/25 07:39*	*05/28/25 23:13*	*1*
Nitrobenzene-d5 (Surr)	*53*		*37 - 147*	*05/28/25 07:39*	*05/28/25 23:13*	*1*
Phenol-d5	*57*		*30 - 153*	*05/28/25 07:39*	*05/28/25 23:13*	*1*
Terphenyl-d14 (Surr)	*80*		*42 - 157*	*05/28/25 07:39*	*05/28/25 23:13*	*1*
2,4,6-Tribromophenol	*71*		*31 - 143*	*05/28/25 07:39*	*05/28/25 23:13*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.43	mg/Kg	☼	05/27/25 18:11	05/28/25 14:42	1
Arsenic	**3.1**		1.1	0.38	mg/Kg	☼	05/27/25 18:11	05/28/25 14:42	1
Barium	**30**		1.1	0.13	mg/Kg	☼	05/27/25 18:11	05/28/25 14:42	1
Beryllium	**0.81**		0.44	0.10	mg/Kg	☼	05/27/25 18:11	05/28/25 14:42	1
Boron	**12**	**B**	5.5	0.52	mg/Kg	☼	05/27/25 18:11	05/28/25 14:42	1
Cadmium	<0.22		0.22	0.040	mg/Kg	☼	05/27/25 18:11	05/28/25 14:42	1
Chromium	**11**		1.1	0.55	mg/Kg	☼	05/27/25 18:11	05/28/25 14:42	1
Cobalt	**14**		0.55	0.15	mg/Kg	☼	05/27/25 18:11	05/28/25 14:42	1
Copper	**10**		1.1	0.31	mg/Kg	☼	05/27/25 18:11	05/28/25 14:42	1
Iron	**10000**		22	12	mg/Kg	☼	05/27/25 18:11	05/28/25 14:42	1
Lead	**10**		0.55	0.26	mg/Kg	☼	05/27/25 18:11	05/28/25 14:42	1
Magnesium	**1200**		11	5.5	mg/Kg	☼	05/27/25 18:11	05/28/25 14:42	1
Manganese	**300**		1.1	0.16	mg/Kg	☼	05/27/25 18:11	05/28/25 14:42	1
Nickel	**20**		1.1	0.32	mg/Kg	☼	05/27/25 18:11	05/28/25 14:42	1
Selenium	<1.1		1.1	0.65	mg/Kg	☼	05/27/25 18:11	05/28/25 14:42	1
Silver	**1.4**		0.55	0.14	mg/Kg	☼	05/27/25 18:11	05/28/25 14:42	1
Thallium	**0.78**	**J**	1.1	0.55	mg/Kg	☼	05/27/25 18:11	05/29/25 16:29	1
Vanadium	**11**		0.55	0.13	mg/Kg	☼	05/27/25 18:11	05/28/25 14:42	1
Zinc	**26**	**B**	2.2	0.97	mg/Kg	☼	05/27/25 18:11	05/28/25 14:42	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**9.5**	**B**	0.20	0.082	mg/L		05/28/25 13:06	05/29/25 13:36	1
Manganese	**0.65**		0.010	0.0023	mg/L		05/28/25 13:06	05/30/25 17:26	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**2.3**		0.20	0.082	mg/L		05/28/25 13:08	05/29/25 14:58	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B09 (5-12)
Date Collected: 05/21/25 14:35
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-18
Matrix: Solid
Percent Solids: 90.2

Method: SW846 6010D - Metals (ICP) - SPLP East (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.010**		0.010	0.0023	mg/L		05/28/25 13:08	05/29/25 14:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.013**	**J**	0.017	0.0069	mg/Kg	☼	05/30/25 15:05	06/02/25 08:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.25		0.25	0.12	mg/Kg	☼	05/27/25 15:17	05/28/25 09:32	1
pH (SW846 9045D)	**8.6**		0.2	0.2	SU			05/23/25 12:29	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B10 (1-5)
Date Collected: 05/21/25 15:10
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-19
Matrix: Solid
Percent Solids: 81.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0069	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Benzene	<0.0017		0.0017	0.00052	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Bromodichloromethane	<0.0017		0.0017	0.00053	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Bromoform	<0.0017		0.0017	0.00097	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Bromomethane	<0.0041	*+	0.0041	0.0020	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
2-Butanone (MEK)	<0.0041		0.0041	0.0018	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Carbon disulfide	<0.0041		0.0041	0.00076	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Carbon tetrachloride	<0.0017		0.0017	0.00056	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Chlorobenzene	<0.0017		0.0017	0.00070	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Chloroethane	<0.0041	*+	0.0041	0.0014	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Chloroform	<0.0017		0.0017	0.0012	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Chloromethane	<0.0041		0.0041	0.00080	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00067	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00066	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Dibromochloromethane	<0.0017		0.0017	0.00077	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
1,1-Dichloroethane	<0.0017		0.0017	0.00062	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
1,2-Dichloroethane	<0.0041		0.0041	0.0011	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
1,1-Dichloroethene	<0.0017		0.0017	0.00068	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Ethylbenzene	<0.0017		0.0017	0.00087	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
2-Hexanone	<0.0041		0.0041	0.0025	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Methylene Chloride	<0.0041		0.0041	0.0018	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
4-Methyl-2-pentanone (MIBK)	<0.0041		0.0041	0.0029	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00053	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Styrene	<0.0017		0.0017	0.00074	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00082	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Tetrachloroethene	<0.0017		0.0017	0.00093	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Toluene	<0.0017		0.0017	0.00033	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
trans-1,2-Dichloroethene	<0.0017	*+	0.0017	0.00063	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00079	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00067	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00062	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Trichloroethene	<0.0017		0.0017	0.00045	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Vinyl acetate	<0.0041		0.0041	0.00099	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Vinyl chloride	<0.0017	*+	0.0017	0.00068	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
Xylenes, Total	<0.0033		0.0033	0.00057	mg/Kg	☼	05/22/25 14:55	06/04/25 13:46	1
1,3-Dichloropropene, Total	<1.7		1.7	0.79	ug/Kg	☼	05/22/25 14:55	06/04/25 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*75 - 131*	*05/22/25 14:55*	*06/04/25 13:46*	*1*
Dibromofluoromethane	*99*		*75 - 126*	*05/22/25 14:55*	*06/04/25 13:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 134*	*05/22/25 14:55*	*06/04/25 13:46*	*1*
Toluene-d8 (Surr)	*100*		*75 - 124*	*05/22/25 14:55*	*06/04/25 13:46*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.038		0.038	0.0079	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Acenaphthylene	<0.038		0.038	0.0066	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Anthracene	<0.038		0.038	0.0079	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Benzo[a]anthracene	<0.038		0.038	0.0082	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B10 (1-5)
Date Collected: 05/21/25 15:10
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-19
Matrix: Solid
Percent Solids: 81.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Benzo[b]fluoranthene	<0.038		0.038	0.037	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Benzo[g,h,i]perylene	<0.038		0.038	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Benzo[k]fluoranthene	<0.038		0.038	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
4-Chloroaniline	<0.78		0.78	0.41	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
4-Chloro-3-methylphenol	<0.38		0.38	0.032	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Chrysene	<0.038		0.038	0.010	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Dibenzofuran	<0.19		0.19	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
1,2-Dichlorobenzene	<0.19		0.19	0.016	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.17	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
2,4-Dichlorophenol	<0.38		0.38	0.014	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Diethyl phthalate	<0.19		0.19	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
2,4-Dimethylphenol	<0.38		0.38	0.087	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Dimethyl phthalate	<0.19		0.19	0.0084	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.22	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
2,4-Dinitrophenol	<0.78		0.78	0.22	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
2,6-Dinitrotoluene	<0.19		0.19	0.027	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Fluoranthene	<0.038		0.038	0.0090	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Fluorene	<0.038		0.038	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Hexachlorobenzene	<0.078		0.078	0.0074	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Hexachlorobutadiene	<0.19		0.19	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Hexachlorocyclopentadiene	<0.78		0.78	0.41	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.038	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Isophorone	<0.19		0.19	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
2-Methylnaphthalene	<0.078		0.078	0.0078	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Naphthalene	<0.038		0.038	0.0070	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
2-Nitroaniline	<0.19	*-	0.19	0.021	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
3-Nitroaniline	<0.38		0.38	0.018	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
4-Nitroaniline	<0.38		0.38	0.029	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1

Client Sample ID: 5-B10 (1-5)
Date Collected: 05/21/25 15:10
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-19
Matrix: Solid
Percent Solids: 81.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.78		0.78	0.42	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.022	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
N-Nitrosodiphenylamine	<0.19		0.19	0.077	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Pentachlorophenol	<0.78		0.78	0.43	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Phenanthrene	<0.038		0.038	0.0084	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Phenol	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
Pyrene	<0.038		0.038	0.011	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.028	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
2,4,5-Trichlorophenol	<0.38		0.38	0.015	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☼	05/28/25 07:39	05/28/25 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*63*		*43 - 145*	*05/28/25 07:39*	*05/28/25 19:59*	*1*
2-Fluorophenol	*64*		*31 - 166*	*05/28/25 07:39*	*05/28/25 19:59*	*1*
Nitrobenzene-d5 (Surr)	*53*		*37 - 147*	*05/28/25 07:39*	*05/28/25 19:59*	*1*
Phenol-d5	*60*		*30 - 153*	*05/28/25 07:39*	*05/28/25 19:59*	*1*
Terphenyl-d14 (Surr)	*73*		*42 - 157*	*05/28/25 07:39*	*05/28/25 19:59*	*1*
2,4,6-Tribromophenol	*72*		*31 - 143*	*05/28/25 07:39*	*05/28/25 19:59*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<2.0		2.0	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
beta-BHC	<2.0		2.0	1.6	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
delta-BHC	<2.0		2.0	0.97	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
gamma-BHC (Lindane)	<2.0		2.0	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
Heptachlor	<2.0		2.0	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
Aldrin	<2.0		2.0	1.4	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
Heptachlor epoxide	<2.0		2.0	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
Endosulfan I	<2.0		2.0	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
Dieldrin	<2.0		2.0	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
4,4'-DDE	<2.0		2.0	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
Endrin	<2.0		2.0	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
Endosulfan II	<2.0		2.0	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
4,4'-DDD	<2.0		2.0	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
Endosulfan sulfate	<2.0		2.0	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
4,4'-DDT	<2.0		2.0	0.96	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
Methoxychlor	<10		10	1.3	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
Endrin ketone	<2.0		2.0	0.99	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
Endrin aldehyde	<2.0		2.0	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
alpha-Chlordane	<2.0		2.0	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
gamma-Chlordane	<2.0		2.0	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1
Toxaphene	<20		20	8.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*80*		*33 - 148*	*05/27/25 14:12*	*05/28/25 17:23*	*1*
Tetrachloro-m-xylene	*65*		*30 - 121*	*05/27/25 14:12*	*05/28/25 17:23*	*1*

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B10 (1-5)

Date Collected: 05/21/25 15:10
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-19

Matrix: Solid
Percent Solids: 81.2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.020		0.020	0.0079	mg/Kg	☼	05/27/25 14:12	05/28/25 22:14	1
PCB-1221	<0.020		0.020	0.0079	mg/Kg	☼	05/27/25 14:12	05/28/25 22:14	1
PCB-1232	<0.020		0.020	0.0054	mg/Kg	☼	05/27/25 14:12	05/28/25 22:14	1
PCB-1242	<0.020		0.020	0.0078	mg/Kg	☼	05/27/25 14:12	05/28/25 22:14	1
PCB-1248	<0.020		0.020	0.0095	mg/Kg	☼	05/27/25 14:12	05/28/25 22:14	1
PCB-1254	<0.020		0.020	0.0068	mg/Kg	☼	05/27/25 14:12	05/28/25 22:14	1
PCB-1260	<0.020		0.020	0.0076	mg/Kg	☼	05/27/25 14:12	05/28/25 22:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*49 - 129*	*05/27/25 14:12*	*05/28/25 22:14*	*1*
DCB Decachlorobiphenyl	*46*		*37 - 121*	*05/27/25 14:12*	*05/28/25 22:14*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.3		2.3	0.45	mg/Kg	☼	05/27/25 18:11	05/28/25 14:46	1
Arsenic	**5.3**		1.2	0.40	mg/Kg	☼	05/27/25 18:11	05/28/25 14:46	1
Barium	**86**		1.2	0.13	mg/Kg	☼	05/27/25 18:11	05/28/25 14:46	1
Beryllium	**0.78**		0.47	0.11	mg/Kg	☼	05/27/25 18:11	05/28/25 14:46	1
Boron	**7.3**	**B**	5.8	0.54	mg/Kg	☼	05/27/25 18:11	05/28/25 14:46	1
Cadmium	**0.13**	**J**	0.23	0.042	mg/Kg	☼	05/27/25 18:11	05/28/25 14:46	1
Chromium	**27**		1.2	0.58	mg/Kg	☼	05/27/25 18:11	05/28/25 14:46	1
Cobalt	**14**		2.9	0.76	mg/Kg	☼	05/27/25 18:11	05/29/25 16:38	5
Copper	**22**		1.2	0.33	mg/Kg	☼	05/27/25 18:11	05/28/25 14:46	1
Iron	**23000**		23	12	mg/Kg	☼	05/27/25 18:11	05/28/25 14:46	1
Lead	**8.6**		0.58	0.27	mg/Kg	☼	05/27/25 18:11	05/28/25 14:46	1
Magnesium	**4700**		12	5.8	mg/Kg	☼	05/27/25 18:11	05/28/25 14:46	1
Manganese	**280**		1.2	0.17	mg/Kg	☼	05/27/25 18:11	05/28/25 14:46	1
Nickel	**26**		1.2	0.34	mg/Kg	☼	05/27/25 18:11	05/28/25 14:46	1
Selenium	<1.2		1.2	0.69	mg/Kg	☼	05/27/25 18:11	05/28/25 14:46	1
Silver	**3.2**		0.58	0.15	mg/Kg	☼	05/27/25 18:11	05/28/25 14:46	1
Thallium	**0.63**	**J**	1.2	0.58	mg/Kg	☼	05/27/25 18:11	05/29/25 16:34	1
Vanadium	**61**		2.9	0.69	mg/Kg	☼	05/27/25 18:11	05/29/25 16:38	5
Zinc	**45**	**B**	2.3	1.0	mg/Kg	☼	05/27/25 18:11	05/28/25 14:46	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.35**	**B**	0.20	0.082	mg/L		05/28/25 13:06	05/29/25 13:41	1
Manganese	**0.077**		0.010	0.0023	mg/L		05/28/25 13:06	05/30/25 17:31	1
Chromium	**0.0036**	**J B**	0.010	0.0017	mg/L		05/28/25 13:06	05/29/25 13:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.019**		0.018	0.0076	mg/Kg	☼	05/30/25 15:05	06/02/25 08:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.28		0.28	0.14	mg/Kg	☼	05/27/25 15:17	05/28/25 09:35	1
pH (SW846 9045D)	**7.9**		0.2	0.2	SU			05/23/25 12:31	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B10 (1-5)D
Date Collected: 05/21/25 15:15
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-20
Matrix: Solid
Percent Solids: 82.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.011	*3	0.011	0.0048	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Benzene	<0.0011	*3	0.0011	0.00036	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Bromodichloromethane	<0.0011	*3	0.0011	0.00037	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Bromoform	<0.0011		0.0011	0.00067	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Bromomethane	<0.0029	*3 *+	0.0029	0.0014	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
2-Butanone (MEK)	<0.0029	*3	0.0029	0.0013	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Carbon disulfide	<0.0029	*3	0.0029	0.00053	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Carbon tetrachloride	<0.0011	*3	0.0011	0.00039	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Chlorobenzene	<0.0011		0.0011	0.00049	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Chloroethane	<0.0029	*3 *+	0.0029	0.00094	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Chloroform	<0.0011	*3	0.0011	0.00083	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Chloromethane	<0.0029	*3	0.0029	0.00056	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
cis-1,2-Dichloroethene	<0.0011	*3	0.0011	0.00046	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
cis-1,3-Dichloropropene	<0.0011		0.0011	0.00046	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Dibromochloromethane	<0.0011		0.0011	0.00053	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
1,1-Dichloroethane	<0.0011	*3	0.0011	0.00043	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
1,2-Dichloroethane	<0.0029	*3	0.0029	0.00075	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
1,1-Dichloroethene	<0.0011	*3	0.0011	0.00047	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
1,2-Dichloropropane	<0.0011	*3	0.0011	0.00030	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Ethylbenzene	<0.0011		0.0011	0.00060	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
2-Hexanone	<0.0029		0.0029	0.0017	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Methylene Chloride	<0.0029	*3	0.0029	0.0012	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
4-Methyl-2-pentanone (MIBK)	<0.0029		0.0029	0.0020	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Methyl tert-butyl ether	<0.0011	*3	0.0011	0.00037	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Styrene	<0.0011		0.0011	0.00052	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
1,1,2,2-Tetrachloroethane	<0.0011	*3	0.0011	0.00057	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Tetrachloroethene	<0.0011		0.0011	0.00065	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Toluene	<0.0011		0.0011	0.00023	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
trans-1,2-Dichloroethene	<0.0011	*3 *+	0.0011	0.00043	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
trans-1,3-Dichloropropene	<0.0011		0.0011	0.00055	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
1,1,1-Trichloroethane	<0.0011	*3	0.0011	0.00047	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
1,1,2-Trichloroethane	<0.0011		0.0011	0.00043	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Trichloroethene	<0.0011	*3	0.0011	0.00031	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Vinyl acetate	<0.0029	*3	0.0029	0.00069	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Vinyl chloride	<0.0011	*3 *+	0.0011	0.00047	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
Xylenes, Total	<0.0023		0.0023	0.00039	mg/Kg	☼	05/22/25 14:55	06/04/25 14:11	1
1,3-Dichloropropene, Total	<1.1		1.1	0.55	ug/Kg	☼	05/22/25 14:55	06/04/25 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*	*3*	*75 - 131*	*05/22/25 14:55*	*06/04/25 14:11*	*1*
Dibromofluoromethane	*101*	*3*	*75 - 126*	*05/22/25 14:55*	*06/04/25 14:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*122*	*3*	*70 - 134*	*05/22/25 14:55*	*06/04/25 14:11*	*1*
Toluene-d8 (Surr)	*94*		*75 - 124*	*05/22/25 14:55*	*06/04/25 14:11*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.038	F1	0.038	0.0077	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Acenaphthylene	<0.038	F1	0.038	0.0064	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Anthracene	<0.038	F1	0.038	0.0078	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Benzo[a]anthracene	<0.038	F1	0.038	0.0081	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B10 (1-5)D
Date Collected: 05/21/25 15:15
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-20
Matrix: Solid
Percent Solids: 82.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Benzo[b]fluoranthene	<0.038	F1	0.038	0.036	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Benzo[g,h,i]perylene	<0.038	F1	0.038	0.017	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Benzo[k]fluoranthene	<0.038	F1	0.038	0.014	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Bis(2-chloroethoxy)methane	<0.19	F1	0.19	0.014	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Bis(2-chloroethyl)ether	<0.19	F1	0.19	0.018	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Bis(2-ethylhexyl) phthalate	<0.19	F1	0.19	0.15	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Butyl benzyl phthalate	<0.19	F1	0.19	0.019	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
4-Chloroaniline	<0.77		0.77	0.40	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
4-Chloro-3-methylphenol	<0.38	F1	0.38	0.032	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
2-Chloronaphthalene	<0.19	F1	0.19	0.014	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
2-Chlorophenol	<0.19	F1	0.19	0.012	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
4-Chlorophenyl phenyl ether	<0.19	F1	0.19	0.050	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Chrysene	<0.038	F1	0.038	0.010	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Dibenzofuran	<0.19	F1	0.19	0.014	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
1,2-Dichlorobenzene	<0.19	F1	0.19	0.015	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
1,3-Dichlorobenzene	<0.19	F1	0.19	0.017	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
1,4-Dichlorobenzene	<0.19	F1	0.19	0.018	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.17	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
2,4-Dichlorophenol	<0.38		0.38	0.013	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
2,4-Dimethylphenol	<0.38	F1	0.38	0.085	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Dimethyl phthalate	<0.19	F1	0.19	0.0083	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Di-n-butyl phthalate	<0.19	F1	0.19	0.012	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
4,6-Dinitro-2-methylphenol	<0.77		0.77	0.21	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
2,4-Dinitrophenol	<0.77		0.77	0.22	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
2,4-Dinitrotoluene	<0.19	F1	0.19	0.022	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
2,6-Dinitrotoluene	<0.19	F1	0.19	0.027	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Di-n-octyl phthalate	<0.38	F1	0.38	0.27	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Fluoranthene	<0.038		0.038	0.0088	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Fluorene	<0.038	F1	0.038	0.011	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Hexachlorobenzene	<0.077		0.077	0.0073	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Hexachlorocyclopentadiene	<0.77		0.77	0.40	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Hexachloroethane	<0.19	F1	0.19	0.019	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.037	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Isophorone	<0.19	F1	0.19	0.020	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
2-Methylnaphthalene	<0.077	F1	0.077	0.0076	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
2-Methylphenol	<0.19	F1	0.19	0.020	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
3 & 4 Methylphenol	<0.19	F1	0.19	0.028	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Naphthalene	<0.038	F1	0.038	0.0069	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
2-Nitroaniline	<0.19	*- F1	0.19	0.020	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
3-Nitroaniline	<0.38		0.38	0.017	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
4-Nitroaniline	<0.38	F1	0.38	0.028	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Nitrobenzene	<0.038	F1	0.038	0.012	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1

Client Sample ID: 5-B10 (1-5)D
Date Collected: 05/21/25 15:15
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-20
Matrix: Solid
Percent Solids: 82.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.77		0.77	0.41	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
N-Nitrosodi-n-propylamine	<0.077	F1	0.077	0.022	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
N-Nitrosodiphenylamine	<0.19	F1	0.19	0.075	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
2,2'-oxybis[1-chloropropane]	<0.19	F1	0.19	0.027	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Pentachlorophenol	<0.77		0.77	0.43	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Phenanthrene	<0.038		0.038	0.0083	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Phenol	<0.19	F1	0.19	0.016	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
Pyrene	<0.038	F1	0.038	0.010	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
1,2,4-Trichlorobenzene	<0.19	F1	0.19	0.027	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
2,4,5-Trichlorophenol	<0.38		0.38	0.014	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☼	05/28/25 07:39	05/29/25 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*43 - 145*	*05/28/25 07:39*	*05/29/25 20:27*	*1*
2-Fluorophenol	*62*		*31 - 166*	*05/28/25 07:39*	*05/29/25 20:27*	*1*
Nitrobenzene-d5 (Surr)	*56*		*37 - 147*	*05/28/25 07:39*	*05/29/25 20:27*	*1*
Phenol-d5	*58*		*30 - 153*	*05/28/25 07:39*	*05/29/25 20:27*	*1*
Terphenyl-d14 (Surr)	*75*		*42 - 157*	*05/28/25 07:39*	*05/29/25 20:27*	*1*
2,4,6-Tribromophenol	*59*		*31 - 143*	*05/28/25 07:39*	*05/29/25 20:27*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<2.0		2.0	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
beta-BHC	<2.0		2.0	1.6	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
delta-BHC	<2.0		2.0	0.96	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
gamma-BHC (Lindane)	<2.0		2.0	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
Heptachlor	<2.0		2.0	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
Aldrin	<2.0		2.0	1.4	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
Heptachlor epoxide	<2.0		2.0	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
Endosulfan I	<2.0		2.0	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
Dieldrin	<2.0		2.0	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
4,4'-DDE	<2.0		2.0	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
Endrin	<2.0		2.0	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
Endosulfan II	<2.0		2.0	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
4,4'-DDD	<2.0		2.0	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
Endosulfan sulfate	<2.0		2.0	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
4,4'-DDT	<2.0		2.0	0.95	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
Methoxychlor	<9.9		9.9	1.3	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
Endrin ketone	<2.0		2.0	0.97	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
Endrin aldehyde	<2.0		2.0	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
alpha-Chlordane	<2.0		2.0	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
gamma-Chlordane	<2.0		2.0	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1
Toxaphene	<20		20	8.0	ug/Kg	☼	05/27/25 14:12	05/28/25 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*78*		*33 - 148*	*05/27/25 14:12*	*05/28/25 17:35*	*1*
Tetrachloro-m-xylene	*63*		*30 - 121*	*05/27/25 14:12*	*05/28/25 17:35*	*1*

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B10 (1-5)D

Date Collected: 05/21/25 15:15
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-20

Matrix: Solid
Percent Solids: 82.4

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.020		0.020	0.0078	mg/Kg	☼	05/27/25 14:12	05/28/25 22:29	1
PCB-1221	<0.020		0.020	0.0078	mg/Kg	☼	05/27/25 14:12	05/28/25 22:29	1
PCB-1232	<0.020		0.020	0.0054	mg/Kg	☼	05/27/25 14:12	05/28/25 22:29	1
PCB-1242	<0.020		0.020	0.0077	mg/Kg	☼	05/27/25 14:12	05/28/25 22:29	1
PCB-1248	<0.020		0.020	0.0094	mg/Kg	☼	05/27/25 14:12	05/28/25 22:29	1
PCB-1254	<0.020		0.020	0.0067	mg/Kg	☼	05/27/25 14:12	05/28/25 22:29	1
PCB-1260	<0.020		0.020	0.0075	mg/Kg	☼	05/27/25 14:12	05/28/25 22:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*49 - 129*	*05/27/25 14:12*	*05/28/25 22:29*	*1*
DCB Decachlorobiphenyl	*67*		*37 - 121*	*05/27/25 14:12*	*05/28/25 22:29*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.43	mg/Kg	☼	05/27/25 18:11	05/28/25 14:51	1
Arsenic	**3.3**		1.1	0.38	mg/Kg	☼	05/27/25 18:11	05/28/25 14:51	1
Barium	**52**		1.1	0.13	mg/Kg	☼	05/27/25 18:11	05/28/25 14:51	1
Beryllium	**0.53**		0.44	0.10	mg/Kg	☼	05/27/25 18:11	05/28/25 14:51	1
Boron	**5.5**	**J B**	5.6	0.52	mg/Kg	☼	05/27/25 18:11	05/28/25 14:51	1
Cadmium	**0.11**	**J**	0.22	0.040	mg/Kg	☼	05/27/25 18:11	05/28/25 14:51	1
Chromium	**17**		1.1	0.55	mg/Kg	☼	05/27/25 18:11	05/28/25 14:51	1
Cobalt	**7.6**		2.8	0.73	mg/Kg	☼	05/27/25 18:11	05/29/25 16:47	5
Copper	**17**		1.1	0.31	mg/Kg	☼	05/27/25 18:11	05/28/25 14:51	1
Iron	**16000**		22	12	mg/Kg	☼	05/27/25 18:11	05/28/25 14:51	1
Lead	**6.0**		0.56	0.26	mg/Kg	☼	05/27/25 18:11	05/28/25 14:51	1
Magnesium	**2700**		11	5.5	mg/Kg	☼	05/27/25 18:11	05/28/25 14:51	1
Manganese	**220**		1.1	0.16	mg/Kg	☼	05/27/25 18:11	05/28/25 14:51	1
Nickel	**18**		1.1	0.32	mg/Kg	☼	05/27/25 18:11	05/28/25 14:51	1
Selenium	<1.1		1.1	0.65	mg/Kg	☼	05/27/25 18:11	05/28/25 14:51	1
Silver	**2.2**		0.56	0.14	mg/Kg	☼	05/27/25 18:11	05/28/25 14:51	1
Thallium	<1.1		1.1	0.55	mg/Kg	☼	05/27/25 18:11	05/29/25 16:42	1
Vanadium	**43**		2.8	0.65	mg/Kg	☼	05/27/25 18:11	05/29/25 16:47	5
Zinc	**29**	**B**	2.2	0.97	mg/Kg	☼	05/27/25 18:11	05/28/25 14:51	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.37**	**B**	0.20	0.082	mg/L		05/28/25 13:06	05/29/25 13:45	1
Manganese	**0.034**		0.010	0.0023	mg/L		05/28/25 13:06	05/30/25 17:44	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.015**	**J**	0.018	0.0074	mg/Kg	☼	05/30/25 15:05	06/02/25 08:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.28		0.28	0.14	mg/Kg	☼	05/27/25 15:17	05/28/25 09:35	1
pH (SW846 9045D)	**7.4**		0.2	0.2	SU			05/23/25 12:34	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B10 (5-12)
Date Collected: 05/21/25 15:20
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-21
Matrix: Solid
Percent Solids: 78.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0071	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Benzene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Bromodichloromethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Bromoform	<0.0017		0.0017	0.00099	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Bromomethane	<0.0042	*+	0.0042	0.0021	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
2-Butanone (MEK)	<0.0042		0.0042	0.0019	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Carbon disulfide	<0.0042		0.0042	0.00078	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Carbon tetrachloride	<0.0017		0.0017	0.00058	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Chlorobenzene	<0.0017		0.0017	0.00072	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Chloroethane	<0.0042	*+	0.0042	0.0014	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Chloroform	<0.0017		0.0017	0.0012	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Chloromethane	<0.0042		0.0042	0.00082	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00069	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00068	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Dibromochloromethane	<0.0017		0.0017	0.00079	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
1,1-Dichloroethane	**0.0042**		0.0017	0.00064	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
1,2-Dichloroethane	<0.0042		0.0042	0.0011	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
1,1-Dichloroethene	**0.0012**	**J**	0.0017	0.00070	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Ethylbenzene	<0.0017		0.0017	0.00089	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
2-Hexanone	<0.0042		0.0042	0.0026	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Methylene Chloride	<0.0042		0.0042	0.0018	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
4-Methyl-2-pentanone (MIBK)	<0.0042		0.0042	0.0030	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00055	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Styrene	<0.0017		0.0017	0.00076	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00084	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Tetrachloroethene	<0.0017		0.0017	0.00095	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Toluene	<0.0017		0.0017	0.00034	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
trans-1,2-Dichloroethene	<0.0017	*+	0.0017	0.00064	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00081	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00069	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00064	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Trichloroethene	<0.0017		0.0017	0.00046	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Vinyl acetate	<0.0042		0.0042	0.0010	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Vinyl chloride	<0.0017	*+	0.0017	0.00069	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
Xylenes, Total	<0.0034		0.0034	0.00058	mg/Kg	☼	05/22/25 14:55	06/04/25 14:37	1
1,3-Dichloropropene, Total	<1.7		1.7	0.81	ug/Kg	☼	05/22/25 14:55	06/04/25 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*75 - 131*	*05/22/25 14:55*	*06/04/25 14:37*	*1*
Dibromofluoromethane	*96*		*75 - 126*	*05/22/25 14:55*	*06/04/25 14:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 134*	*05/22/25 14:55*	*06/04/25 14:37*	*1*
Toluene-d8 (Surr)	*104*		*75 - 124*	*05/22/25 14:55*	*06/04/25 14:37*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.061		0.061	0.012	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Acenaphthylene	<0.061		0.061	0.010	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Anthracene	<0.061		0.061	0.013	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Benzo[a]anthracene	<0.061		0.061	0.013	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B10 (5-12)
Date Collected: 05/21/25 15:20
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-21
Matrix: Solid
Percent Solids: 78.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.061		0.061	0.059	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Benzo[b]fluoranthene	<0.061		0.061	0.058	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Benzo[g,h,i]perylene	<0.061		0.061	0.027	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Benzo[k]fluoranthene	<0.061		0.061	0.023	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Bis(2-chloroethoxy)methane	<0.31		0.31	0.023	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Bis(2-chloroethyl)ether	<0.31		0.31	0.028	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Bis(2-ethylhexyl) phthalate	<0.31		0.31	0.24	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
4-Bromophenyl phenyl ether	<0.31		0.31	0.042	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Butyl benzyl phthalate	<0.31		0.31	0.030	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Carbazole	<0.31		0.31	0.024	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
4-Chloroaniline	<1.2		1.2	0.64	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
4-Chloro-3-methylphenol	<0.61		0.61	0.051	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
2-Chloronaphthalene	<0.31		0.31	0.023	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
2-Chlorophenol	<0.31		0.31	0.020	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
4-Chlorophenyl phenyl ether	<0.31		0.31	0.080	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Chrysene	<0.061		0.061	0.016	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Dibenz(a,h)anthracene	<0.061		0.061	0.061	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Dibenzofuran	<0.31		0.31	0.022	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
1,2-Dichlorobenzene	<0.31		0.31	0.025	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
1,3-Dichlorobenzene	<0.31		0.31	0.028	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
1,4-Dichlorobenzene	<0.31		0.31	0.029	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
3,3'-Dichlorobenzidine	<0.31		0.31	0.27	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
2,4-Dichlorophenol	<0.61		0.61	0.022	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Diethyl phthalate	<0.31		0.31	0.028	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
2,4-Dimethylphenol	<0.61		0.61	0.14	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Dimethyl phthalate	<0.31		0.31	0.013	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Di-n-butyl phthalate	<0.31		0.31	0.019	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
4,6-Dinitro-2-methylphenol	<1.2		1.2	0.34	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
2,4-Dinitrophenol	<1.2		1.2	0.35	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
2,4-Dinitrotoluene	<0.31		0.31	0.035	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
2,6-Dinitrotoluene	<0.31		0.31	0.043	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Di-n-octyl phthalate	<0.61		0.61	0.43	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Fluoranthene	<0.061		0.061	0.014	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Fluorene	<0.061		0.061	0.018	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Hexachlorobenzene	<0.12		0.12	0.012	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Hexachlorobutadiene	<0.31		0.31	0.034	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Hexachlorocyclopentadiene	<1.2		1.2	0.65	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Hexachloroethane	<0.31		0.31	0.031	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Indeno[1,2,3-cd]pyrene	<0.061		0.061	0.060	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Isophorone	<0.31		0.31	0.032	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
2-Methylnaphthalene	<0.12		0.12	0.012	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
2-Methylphenol	<0.31		0.31	0.032	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
3 & 4 Methylphenol	<0.31		0.31	0.045	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Naphthalene	<0.061		0.061	0.011	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
2-Nitroaniline	<0.31		0.31	0.033	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
3-Nitroaniline	<0.61		0.61	0.028	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
4-Nitroaniline	<0.61		0.61	0.045	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Nitrobenzene	<0.061		0.061	0.019	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
2-Nitrophenol	<0.61		0.61	0.041	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1

Client Sample ID: 5-B10 (5-12)

Date Collected: 05/21/25 15:20
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-21

Matrix: Solid
Percent Solids: 78.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<1.2		1.2	0.66	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
N-Nitrosodi-n-propylamine	<0.12		0.12	0.035	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
N-Nitrosodiphenylamine	<0.31		0.31	0.12	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
2,2'-oxybis[1-chloropropane]	<0.31		0.31	0.044	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Pentachlorophenol	<1.2		1.2	0.69	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Phenanthrene	<0.061		0.061	0.013	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Phenol	<0.31		0.31	0.027	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
Pyrene	<0.061		0.061	0.017	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
1,2,4-Trichlorobenzene	<0.31		0.31	0.044	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
2,4,5-Trichlorophenol	<0.61		0.61	0.023	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1
2,4,6-Trichlorophenol	<0.61		0.61	0.021	mg/Kg	☼	05/27/25 14:15	05/28/25 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*69*		*43 - 145*	*05/27/25 14:15*	*05/28/25 18:16*	*1*
2-Fluorophenol	*79*		*31 - 166*	*05/27/25 14:15*	*05/28/25 18:16*	*1*
Nitrobenzene-d5 (Surr)	*81*		*37 - 147*	*05/27/25 14:15*	*05/28/25 18:16*	*1*
Phenol-d5	*79*		*30 - 153*	*05/27/25 14:15*	*05/28/25 18:16*	*1*
Terphenyl-d14 (Surr)	*85*		*42 - 157*	*05/27/25 14:15*	*05/28/25 18:16*	*1*
2,4,6-Tribromophenol	*55*		*31 - 143*	*05/27/25 14:15*	*05/28/25 18:16*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.3		2.3	0.45	mg/Kg	☼	05/27/25 18:11	05/28/25 14:55	1
Arsenic	**2.3**		1.1	0.39	mg/Kg	☼	05/27/25 18:11	05/28/25 14:55	1
Barium	**24**		1.1	0.13	mg/Kg	☼	05/27/25 18:11	05/28/25 14:55	1
Beryllium	**0.31**	**J**	0.46	0.11	mg/Kg	☼	05/27/25 18:11	05/28/25 14:55	1
Boron	**3.2**	**J B**	5.7	0.54	mg/Kg	☼	05/27/25 18:11	05/28/25 14:55	1
Cadmium	**0.084**	**J**	0.23	0.041	mg/Kg	☼	05/27/25 18:11	05/28/25 14:55	1
Chromium	**12**		1.1	0.57	mg/Kg	☼	05/27/25 18:11	05/28/25 14:55	1
Cobalt	**5.0**		0.57	0.15	mg/Kg	☼	05/27/25 18:11	05/28/25 14:55	1
Copper	**11**		1.1	0.32	mg/Kg	☼	05/27/25 18:11	05/28/25 14:55	1
Iron	**10000**		23	12	mg/Kg	☼	05/27/25 18:11	05/28/25 14:55	1
Lead	**2.8**		0.57	0.27	mg/Kg	☼	05/27/25 18:11	05/28/25 14:55	1
Magnesium	**1800**		11	5.7	mg/Kg	☼	05/27/25 18:11	05/28/25 14:55	1
Manganese	**200**		1.1	0.17	mg/Kg	☼	05/27/25 18:11	05/28/25 14:55	1
Nickel	**12**		1.1	0.33	mg/Kg	☼	05/27/25 18:11	05/28/25 14:55	1
Selenium	<1.1		1.1	0.68	mg/Kg	☼	05/27/25 18:11	05/28/25 14:55	1
Silver	**1.6**		0.57	0.15	mg/Kg	☼	05/27/25 18:11	05/28/25 14:55	1
Thallium	<1.1		1.1	0.57	mg/Kg	☼	05/27/25 18:11	05/29/25 16:51	1
Vanadium	**23**		0.57	0.14	mg/Kg	☼	05/27/25 18:11	05/28/25 14:55	1
Zinc	**17**	**B**	2.3	1.0	mg/Kg	☼	05/27/25 18:11	05/28/25 14:55	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.34**	**B**	0.20	0.082	mg/L		05/28/25 13:06	05/29/25 13:50	1
Manganese	**1.7**		0.010	0.0023	mg/L		05/28/25 13:06	05/30/25 17:49	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.48**		0.010	0.0023	mg/L		05/28/25 13:08	05/29/25 15:11	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B10 (5-12)

Date Collected: 05/21/25 15:20
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-21

Matrix: Solid
Percent Solids: 78.1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.020		0.020	0.0085	mg/Kg	☼	05/30/25 15:05	06/02/25 09:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.30		0.30	0.15	mg/Kg	☼	05/27/25 15:17	05/28/25 09:37	1
pH (SW846 9045D)	**7.5**		0.2	0.2	SU			05/23/25 12:36	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B11 (1-5)
Date Collected: 05/21/25 15:55
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-22
Matrix: Solid
Percent Solids: 79.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0075	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Benzene	<0.0018		0.0018	0.00056	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Bromodichloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Bromoform	<0.0018		0.0018	0.0010	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Bromomethane	<0.0045	*+	0.0045	0.0022	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
2-Butanone (MEK)	<0.0045		0.0045	0.0020	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Carbon disulfide	<0.0045		0.0045	0.00083	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Carbon tetrachloride	<0.0018		0.0018	0.00061	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Chlorobenzene	<0.0018		0.0018	0.00076	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Chloroethane	<0.0045	*+	0.0045	0.0015	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Chloroform	<0.0018		0.0018	0.0013	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Chloromethane	<0.0045		0.0045	0.00087	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00072	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00072	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Dibromochloromethane	<0.0018		0.0018	0.00083	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
1,1-Dichloroethane	<0.0018		0.0018	0.00068	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
1,2-Dichloroethane	<0.0045		0.0045	0.0012	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
1,1-Dichloroethene	<0.0018		0.0018	0.00074	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Ethylbenzene	<0.0018		0.0018	0.00094	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
2-Hexanone	<0.0045		0.0045	0.0027	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Methylene Chloride	<0.0045		0.0045	0.0019	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
4-Methyl-2-pentanone (MIBK)	<0.0045		0.0045	0.0032	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00058	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Styrene	<0.0018		0.0018	0.00081	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00089	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Tetrachloroethene	<0.0018		0.0018	0.0010	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Toluene	<0.0018		0.0018	0.00036	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
trans-1,2-Dichloroethene	<0.0018	*+	0.0018	0.00068	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00086	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00073	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00067	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Trichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Vinyl acetate	<0.0045		0.0045	0.0011	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Vinyl chloride	<0.0018	*+	0.0018	0.00073	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
Xylenes, Total	<0.0036		0.0036	0.00062	mg/Kg	☼	05/22/25 14:55	06/04/25 15:02	1
1,3-Dichloropropene, Total	<1.8		1.8	0.86	ug/Kg	☼	05/22/25 14:55	06/04/25 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*75 - 131*	*05/22/25 14:55*	*06/04/25 15:02*	*1*
Dibromofluoromethane	*97*		*75 - 126*	*05/22/25 14:55*	*06/04/25 15:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 134*	*05/22/25 14:55*	*06/04/25 15:02*	*1*
Toluene-d8 (Surr)	*102*		*75 - 124*	*05/22/25 14:55*	*06/04/25 15:02*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.040		0.040	0.0082	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Acenaphthylene	<0.040		0.040	0.0068	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Anthracene	<0.040		0.040	0.0082	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Benzo[a]anthracene	<0.040		0.040	0.0086	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B11 (1-5)
Date Collected: 05/21/25 15:55
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-22
Matrix: Solid
Percent Solids: 79.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.040		0.040	0.039	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Benzo[b]fluoranthene	<0.040		0.040	0.038	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Benzo[g,h,i]perylene	<0.040		0.040	0.018	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Benzo[k]fluoranthene	<0.040		0.040	0.015	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.019	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.028	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
4-Chloroaniline	<0.82		0.82	0.42	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
4-Chloro-3-methylphenol	<0.40		0.40	0.034	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.18	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
2,4-Dimethylphenol	<0.40		0.40	0.090	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Dimethyl phthalate	<0.20		0.20	0.0088	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.23	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
2,4-Dinitrophenol	<0.82		0.82	0.23	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Fluoranthene	<0.040		0.040	0.0094	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Hexachlorobenzene	<0.082		0.082	0.0077	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Hexachlorocyclopentadiene	<0.82		0.82	0.43	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.039	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Isophorone	<0.20		0.20	0.021	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
2-Methylnaphthalene	<0.082		0.082	0.0081	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
3 & 4 Methylphenol	<0.20		0.20	0.030	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Naphthalene	<0.040		0.040	0.0073	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
2-Nitroaniline	<0.20		0.20	0.022	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1

Client Sample ID: 5-B11 (1-5)
Date Collected: 05/21/25 15:55
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-22
Matrix: Solid
Percent Solids: 79.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.82		0.82	0.44	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.023	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
N-Nitrosodiphenylamine	<0.20		0.20	0.080	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Pentachlorophenol	<0.82		0.82	0.45	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Phenanthrene	<0.040		0.040	0.0088	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Phenol	<0.20		0.20	0.018	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
Pyrene	<0.040		0.040	0.011	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☼	05/27/25 14:15	05/28/25 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*43 - 145*	*05/27/25 14:15*	*05/28/25 18:39*	*1*
2-Fluorophenol	*74*		*31 - 166*	*05/27/25 14:15*	*05/28/25 18:39*	*1*
Nitrobenzene-d5 (Surr)	*74*		*37 - 147*	*05/27/25 14:15*	*05/28/25 18:39*	*1*
Phenol-d5	*77*		*30 - 153*	*05/27/25 14:15*	*05/28/25 18:39*	*1*
Terphenyl-d14 (Surr)	*85*		*42 - 157*	*05/27/25 14:15*	*05/28/25 18:39*	*1*
2,4,6-Tribromophenol	*52*		*31 - 143*	*05/27/25 14:15*	*05/28/25 18:39*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<2.1		2.1	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
beta-BHC	<2.1		2.1	1.7	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
delta-BHC	<2.1		2.1	0.99	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
gamma-BHC (Lindane)	<2.1		2.1	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
Heptachlor	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
Aldrin	<2.1		2.1	1.4	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
Heptachlor epoxide	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
Endosulfan I	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
Dieldrin	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
4,4'-DDE	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
Endrin	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
Endosulfan II	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
4,4'-DDD	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
Endosulfan sulfate	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
4,4'-DDT	<2.1		2.1	0.98	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
Methoxychlor	<10		10	1.4	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
Endrin ketone	<2.1		2.1	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
Endrin aldehyde	<2.1		2.1	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
alpha-Chlordane	<2.1		2.1	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
gamma-Chlordane	<2.1		2.1	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1
Toxaphene	<20		20	8.2	ug/Kg	☼	05/27/25 14:12	05/28/25 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*83*		*33 - 148*	*05/27/25 14:12*	*05/28/25 17:47*	*1*
Tetrachloro-m-xylene	*60*		*30 - 121*	*05/27/25 14:12*	*05/28/25 17:47*	*1*

Client Sample ID: 5-B11 (1-5)

Date Collected: 05/21/25 15:55
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-22

Matrix: Solid
Percent Solids: 79.0

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.020		0.020	0.0080	mg/Kg	☼	05/27/25 14:12	05/28/25 22:44	1
PCB-1221	<0.020		0.020	0.0080	mg/Kg	☼	05/27/25 14:12	05/28/25 22:44	1
PCB-1232	<0.020		0.020	0.0055	mg/Kg	☼	05/27/25 14:12	05/28/25 22:44	1
PCB-1242	<0.020		0.020	0.0079	mg/Kg	☼	05/27/25 14:12	05/28/25 22:44	1
PCB-1248	<0.020		0.020	0.0097	mg/Kg	☼	05/27/25 14:12	05/28/25 22:44	1
PCB-1254	<0.020		0.020	0.0069	mg/Kg	☼	05/27/25 14:12	05/28/25 22:44	1
PCB-1260	<0.020		0.020	0.0077	mg/Kg	☼	05/27/25 14:12	05/28/25 22:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*68*		*49 - 129*	*05/27/25 14:12*	*05/28/25 22:44*	*1*
DCB Decachlorobiphenyl	*65*		*37 - 121*	*05/27/25 14:12*	*05/28/25 22:44*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.3		2.3	0.46	mg/Kg	☼	05/27/25 18:11	05/28/25 14:59	1
Arsenic	**4.5**		1.2	0.40	mg/Kg	☼	05/27/25 18:11	05/28/25 14:59	1
Barium	**69**		1.2	0.13	mg/Kg	☼	05/27/25 18:11	05/28/25 14:59	1
Beryllium	**0.69**		0.47	0.11	mg/Kg	☼	05/27/25 18:11	05/28/25 14:59	1
Boron	**7.7**	**B**	5.9	0.55	mg/Kg	☼	05/27/25 18:11	05/28/25 14:59	1
Cadmium	**0.11**	**J**	0.23	0.042	mg/Kg	☼	05/27/25 18:11	05/28/25 14:59	1
Chromium	**23**		1.2	0.58	mg/Kg	☼	05/27/25 18:11	05/28/25 14:59	1
Cobalt	**1.9**		0.59	0.15	mg/Kg	☼	05/27/25 18:11	05/29/25 17:00	1
Copper	**21**		1.2	0.33	mg/Kg	☼	05/27/25 18:11	05/28/25 14:59	1
Iron	**20000**		23	12	mg/Kg	☼	05/27/25 18:11	05/28/25 14:59	1
Lead	**7.8**		0.59	0.27	mg/Kg	☼	05/27/25 18:11	05/28/25 14:59	1
Magnesium	**4000**		12	5.8	mg/Kg	☼	05/27/25 18:11	05/28/25 14:59	1
Manganese	**240**		1.2	0.17	mg/Kg	☼	05/27/25 18:11	05/28/25 14:59	1
Nickel	**20**		1.2	0.34	mg/Kg	☼	05/27/25 18:11	05/28/25 14:59	1
Selenium	<1.2		1.2	0.69	mg/Kg	☼	05/27/25 18:11	05/28/25 14:59	1
Silver	**2.8**		0.59	0.15	mg/Kg	☼	05/27/25 18:11	05/28/25 14:59	1
Thallium	**0.68**	**J**	1.2	0.59	mg/Kg	☼	05/27/25 18:11	05/29/25 16:55	1
Vanadium	**9.7**		0.59	0.14	mg/Kg	☼	05/27/25 18:11	05/29/25 17:00	1
Zinc	**41**	**B**	2.3	1.0	mg/Kg	☼	05/27/25 18:11	05/28/25 14:59	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.34**	**B**	0.20	0.082	mg/L		05/28/25 13:06	05/29/25 13:54	1
Manganese	**0.047**		0.010	0.0023	mg/L		05/28/25 13:06	05/30/25 17:53	1
Chromium	**0.0030**	**J B**	0.010	0.0017	mg/L		05/28/25 13:06	05/29/25 13:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.026**		0.019	0.0079	mg/Kg	☼	05/30/25 15:05	06/02/25 09:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.30		0.30	0.15	mg/Kg	☼	05/27/25 15:17	05/28/25 09:37	1
pH (SW846 9045D)	**7.6**		0.2	0.2	SU			05/23/25 12:38	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B11 (5-12)
Date Collected: 05/21/25 16:00
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-23
Matrix: Solid
Percent Solids: 79.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0062	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Benzene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Bromodichloromethane	<0.0015		0.0015	0.00047	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Bromoform	<0.0015		0.0015	0.00086	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Bromomethane	<0.0037	*+	0.0037	0.0018	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
2-Butanone (MEK)	<0.0037		0.0037	0.0016	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Carbon disulfide	<0.0037		0.0037	0.00068	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Carbon tetrachloride	<0.0015		0.0015	0.00050	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Chlorobenzene	<0.0015		0.0015	0.00062	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Chloroethane	<0.0037	*+	0.0037	0.0012	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Chloromethane	<0.0037		0.0037	0.00071	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00059	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00059	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Dibromochloromethane	<0.0015		0.0015	0.00068	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
1,1-Dichloroethane	<0.0015		0.0015	0.00055	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
1,2-Dichloroethane	<0.0037		0.0037	0.00095	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
1,1-Dichloroethene	<0.0015		0.0015	0.00060	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Ethylbenzene	<0.0015		0.0015	0.00077	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
2-Hexanone	<0.0037		0.0037	0.0022	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Methylene Chloride	<0.0037		0.0037	0.0016	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
4-Methyl-2-pentanone (MIBK)	<0.0037		0.0037	0.0026	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00047	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Styrene	<0.0015		0.0015	0.00066	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00073	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Tetrachloroethene	<0.0015		0.0015	0.00082	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Toluene	<0.0015		0.0015	0.00030	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
trans-1,2-Dichloroethene	<0.0015	*+	0.0015	0.00055	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00070	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00059	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00055	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Trichloroethene	<0.0015		0.0015	0.00040	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Vinyl acetate	<0.0037		0.0037	0.00088	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Vinyl chloride	<0.0015	*+	0.0015	0.00060	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
Xylenes, Total	<0.0029		0.0029	0.00050	mg/Kg	☼	05/22/25 14:55	06/04/25 15:28	1
1,3-Dichloropropene, Total	<1.5		1.5	0.70	ug/Kg	☼	05/22/25 14:55	06/04/25 15:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*75 - 131*	*05/22/25 14:55*	*06/04/25 15:28*	*1*
Dibromofluoromethane	*99*		*75 - 126*	*05/22/25 14:55*	*06/04/25 15:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 134*	*05/22/25 14:55*	*06/04/25 15:28*	*1*
Toluene-d8 (Surr)	*100*		*75 - 124*	*05/22/25 14:55*	*06/04/25 15:28*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.062		0.062	0.013	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Acenaphthylene	<0.062		0.062	0.011	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Anthracene	<0.062		0.062	0.013	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Benzo[a]anthracene	<0.062		0.062	0.013	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B11 (5-12)
Date Collected: 05/21/25 16:00
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-23
Matrix: Solid
Percent Solids: 79.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.062		0.062	0.060	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Benzo[b]fluoranthene	<0.062		0.062	0.059	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Benzo[g,h,i]perylene	<0.062		0.062	0.028	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Benzo[k]fluoranthene	<0.062		0.062	0.024	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Bis(2-chloroethoxy)methane	<0.31		0.31	0.023	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Bis(2-chloroethyl)ether	<0.31		0.31	0.029	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Bis(2-ethylhexyl) phthalate	<0.31		0.31	0.24	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
4-Bromophenyl phenyl ether	<0.31		0.31	0.042	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Butyl benzyl phthalate	<0.31		0.31	0.031	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Carbazole	<0.31		0.31	0.024	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
4-Chloroaniline	<1.3		1.3	0.65	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
4-Chloro-3-methylphenol	<0.62		0.62	0.052	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
2-Chloronaphthalene	<0.31		0.31	0.023	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
2-Chlorophenol	<0.31		0.31	0.020	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
4-Chlorophenyl phenyl ether	<0.31		0.31	0.081	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Chrysene	<0.062		0.062	0.016	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Dibenz(a,h)anthracene	<0.062		0.062	0.062	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Dibenzofuran	<0.31		0.31	0.022	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
1,2-Dichlorobenzene	<0.31		0.31	0.025	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
1,3-Dichlorobenzene	<0.31		0.31	0.028	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
1,4-Dichlorobenzene	<0.31		0.31	0.029	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
3,3'-Dichlorobenzidine	<0.31		0.31	0.27	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
2,4-Dichlorophenol	<0.62		0.62	0.022	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Diethyl phthalate	<0.31		0.31	0.028	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
2,4-Dimethylphenol	<0.62		0.62	0.14	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Dimethyl phthalate	<0.31		0.31	0.013	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Di-n-butyl phthalate	<0.31		0.31	0.020	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
4,6-Dinitro-2-methylphenol	<1.3		1.3	0.35	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
2,4-Dinitrophenol	<1.3		1.3	0.36	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
2,4-Dinitrotoluene	<0.31		0.31	0.035	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
2,6-Dinitrotoluene	<0.31		0.31	0.044	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Di-n-octyl phthalate	<0.62		0.62	0.43	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Fluoranthene	<0.062		0.062	0.014	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Fluorene	<0.062		0.062	0.018	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Hexachlorobenzene	<0.13		0.13	0.012	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Hexachlorobutadiene	<0.31		0.31	0.035	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Hexachlorocyclopentadiene	<1.3		1.3	0.66	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Hexachloroethane	<0.31		0.31	0.031	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Indeno[1,2,3-cd]pyrene	<0.062		0.062	0.060	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Isophorone	<0.31		0.31	0.032	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
2-Methylnaphthalene	<0.13		0.13	0.012	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
2-Methylphenol	<0.31		0.31	0.033	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
3 & 4 Methylphenol	<0.31		0.31	0.045	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Naphthalene	<0.062		0.062	0.011	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
2-Nitroaniline	<0.31		0.31	0.033	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
3-Nitroaniline	<0.62		0.62	0.028	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
4-Nitroaniline	<0.62		0.62	0.046	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Nitrobenzene	<0.062		0.062	0.020	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
2-Nitrophenol	<0.62		0.62	0.042	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1

Client Sample ID: 5-B11 (5-12)

Date Collected: 05/21/25 16:00
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-23

Matrix: Solid
Percent Solids: 79.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<1.3		1.3	0.67	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
N-Nitrosodi-n-propylamine	<0.13		0.13	0.035	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
N-Nitrosodiphenylamine	<0.31		0.31	0.12	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
2,2'-oxybis[1-chloropropane]	<0.31		0.31	0.044	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Pentachlorophenol	<1.3		1.3	0.69	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Phenanthrene	<0.062		0.062	0.013	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Phenol	<0.31		0.31	0.027	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
Pyrene	<0.062		0.062	0.017	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
1,2,4-Trichlorobenzene	<0.31		0.31	0.044	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
2,4,5-Trichlorophenol	<0.62		0.62	0.023	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1
2,4,6-Trichlorophenol	<0.62		0.62	0.021	mg/Kg	☼	05/27/25 14:15	05/28/25 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*56*		*43 - 145*	*05/27/25 14:15*	*05/28/25 19:03*	*1*
2-Fluorophenol	*64*		*31 - 166*	*05/27/25 14:15*	*05/28/25 19:03*	*1*
Nitrobenzene-d5 (Surr)	*65*		*37 - 147*	*05/27/25 14:15*	*05/28/25 19:03*	*1*
Phenol-d5	*66*		*30 - 153*	*05/27/25 14:15*	*05/28/25 19:03*	*1*
Terphenyl-d14 (Surr)	*70*		*42 - 157*	*05/27/25 14:15*	*05/28/25 19:03*	*1*
2,4,6-Tribromophenol	*47*		*31 - 143*	*05/27/25 14:15*	*05/28/25 19:03*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.3		2.3	0.44	mg/Kg	☼	05/27/25 18:11	05/28/25 15:12	1
Arsenic	**2.7**		1.1	0.39	mg/Kg	☼	05/27/25 18:11	05/28/25 15:12	1
Barium	**32**		1.1	0.13	mg/Kg	☼	05/27/25 18:11	05/28/25 15:12	1
Beryllium	**0.33**	**J**	0.46	0.11	mg/Kg	☼	05/27/25 18:11	05/28/25 15:12	1
Boron	**5.0**	**J B**	5.7	0.53	mg/Kg	☼	05/27/25 18:11	05/28/25 15:12	1
Cadmium	**0.067**	**J**	0.23	0.041	mg/Kg	☼	05/27/25 18:11	05/28/25 15:12	1
Chromium	**14**		1.1	0.56	mg/Kg	☼	05/27/25 18:11	05/28/25 15:12	1
Cobalt	**3.9**		0.57	0.15	mg/Kg	☼	05/27/25 18:11	05/28/25 15:12	1
Copper	**8.2**		1.1	0.32	mg/Kg	☼	05/27/25 18:11	05/28/25 15:12	1
Iron	**11000**		23	12	mg/Kg	☼	05/27/25 18:11	05/28/25 15:12	1
Lead	**3.4**		0.57	0.26	mg/Kg	☼	05/27/25 18:11	05/28/25 15:12	1
Magnesium	**2400**		11	5.6	mg/Kg	☼	05/27/25 18:11	05/28/25 15:12	1
Manganese	**130**		1.1	0.17	mg/Kg	☼	05/27/25 18:11	05/28/25 15:12	1
Nickel	**11**		1.1	0.33	mg/Kg	☼	05/27/25 18:11	05/28/25 15:12	1
Selenium	<1.1		1.1	0.67	mg/Kg	☼	05/27/25 18:11	05/28/25 15:12	1
Silver	**1.6**		0.57	0.15	mg/Kg	☼	05/27/25 18:11	05/28/25 15:12	1
Thallium	<1.1		1.1	0.57	mg/Kg	☼	05/27/25 18:11	05/29/25 17:04	1
Vanadium	**24**		0.57	0.13	mg/Kg	☼	05/27/25 18:11	05/28/25 15:12	1
Zinc	**21**	**B**	2.3	1.0	mg/Kg	☼	05/27/25 18:11	05/28/25 15:12	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.20		0.20	0.082	mg/L		05/28/25 13:06	05/29/25 14:26	1
Manganese	**2.6**		0.010	0.0023	mg/L		05/28/25 13:06	05/30/25 17:57	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.38**		0.010	0.0023	mg/L		05/28/25 13:08	05/29/25 15:20	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B11 (5-12)
Date Collected: 05/21/25 16:00
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-23
Matrix: Solid
Percent Solids: 79.1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	J	0.019	0.0080	mg/Kg	☼	05/30/25 15:05	06/02/25 09:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.28		0.28	0.14	mg/Kg	☼	05/27/25 15:17	05/28/25 09:38	1
pH (SW846 9045D)	7.3		0.2	0.2	SU			05/23/25 12:43	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(75-131)	(75-126)	(70-134)	(75-124)
500-268736-1	5-B01 (1-5)	106	111	131	94
500-268736-2	5-B01 (5-7)	99	117	136 S1+	93
500-268736-3	5-B02 (1-3)	99	110	123	96
500-268736-4	5-B03 (1-5)	98	113	127	95
500-268736-5	5-B03 (5-12)	107	115	134	99
500-268736-6	5-B04 (1-5)	108	112	127	107
500-268736-7	5-B04 (5-12)	100	113	132	94
500-268736-8	5-B05 (1-5)	93	109	127	94
500-268736-9	5-B05 (1-5)D	97	115	126	93
500-268736-10	5-B05 (5-12)	107	111	133	99
500-268736-11	5-B06 (1-5)	94	114	131	95
500-268736-12	5-B06 (5-12)	101	112	128	94
500-268736-13	5-B07 (1-5)	102	112	129	95
500-268736-14	5-B07 (5-12)	100	113	129	92
500-268736-15	5-B08 (1-5)	113	101	109	101
500-268736-16	5-B08 (5-12)	118	97	104	102
500-268736-17	5-B09 (1-5)	118	97	107	102
500-268736-18	5-B09 (5-12)	137 S1+	99	111	106
500-268736-19	5-B10 (1-5)	119	99	111	100
500-268736-20	5-B10 (1-5)D	122 *3	101 *3	122 *3	94
500-268736-21	5-B10 (5-12)	118	96	102	104
500-268736-22	5-B11 (1-5)	118	97	108	102
500-268736-23	5-B11 (5-12)	119	99	109	100
LCS 500-819600/5	Lab Control Sample	97	110	124	95
LCS 500-820175/4	Lab Control Sample	108	104	107	104
LCSD 500-819600/8	Lab Control Sample Dup	100	110	122	96
LCSD 500-820175/5	Lab Control Sample Dup	113	104	106	100
MB 500-819600/7	Method Blank	97	111	125	94
MB 500-820175/7	Method Blank	112	98	101	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPHL	TBP
Lab Sample ID	Client Sample ID	(43-145)	(31-166)	(37-147)	(30-153)	(42-157)	(31-143)
500-268736-1	5-B01 (1-5)	59	49	46	49	64	70
500-268736-2	5-B01 (5-7)	65	56	50	54	84	82
500-268736-3	5-B02 (1-3)	58	50	45	47	82	80
500-268736-4	5-B03 (1-5)	63	58	44	55	87	92
500-268736-5	5-B03 (5-12)	65	60	52	56	74	72
500-268736-6	5-B04 (1-5)	50	51	42	51	89	67
500-268736-7	5-B04 (5-12)	54	54	45	51	82	71
500-268736-8	5-B05 (1-5)	55	55	45	53	85	75

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	FBP (43-145)	2FP (31-166)	NBZ (37-147)	PHL (30-153)	TPHL (42-157)	TBP (31-143)
500-268736-9	5-B05 (1-5)D	48	49	38	47	69	61
500-268736-10	5-B05 (5-12)	63	49	44	49	71	68
500-268736-11	5-B06 (1-5)	58	52	45	51	87	86
500-268736-12	5-B06 (5-12)	55	51	45	51	80	77
500-268736-13	5-B07 (1-5)	70	61	54	59	90	94
500-268736-14	5-B07 (5-12)	51	49	41	51	82	71
500-268736-15	5-B08 (1-5)	71	67	55	63	86	87
500-268736-16	5-B08 (5-12)	52	50	38	50	87	72
500-268736-17	5-B09 (1-5)	61	57	50	53	81	73
500-268736-18	5-B09 (5-12)	67	60	53	57	80	71
500-268736-19	5-B10 (1-5)	63	64	53	60	73	72
500-268736-20	5-B10 (1-5)D	67	62	56	58	75	59
500-268736-20 MS	5-B10 (1-5)D	65	57	52	53	66	80
500-268736-20 MSD	5-B10 (1-5)D	64	58	53	54	66	80
500-268736-21	5-B10 (5-12)	69	79	81	79	85	55
500-268736-22	5-B11 (1-5)	67	74	74	77	85	52
500-268736-23	5-B11 (5-12)	56	64	65	66	70	47
LCS 500-819140/2-A	Lab Control Sample	82	92	91	94	90	65
LCS 500-819206/2-A	Lab Control Sample	81	74	66	69	86	100
MB 500-819140/1-A	Method Blank	80	89	89	93	90	64
MB 500-819206/1-A	Method Blank	85	78	71	70	94	100

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5
TPHL = Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCBP1 (33-148)	TCX1 (30-121)
500-268736-1	5-B01 (1-5)	108	67
500-268736-1 MS	5-B01 (1-5)	175 S1+	99
500-268736-1 MSD	5-B01 (1-5)	123	64
500-268736-3	5-B02 (1-3)	0 S1-	0 S1-
500-268736-4	5-B03 (1-5)	0 S1-	0 S1-
500-268736-6	5-B04 (1-5)	0 S1-	0 S1-
500-268736-8	5-B05 (1-5)	77	70
500-268736-9	5-B05 (1-5)D	67	56
500-268736-11	5-B06 (1-5)	0 S1-	0 S1-
500-268736-13	5-B07 (1-5)	0 S1-	0 S1-
500-268736-15	5-B08 (1-5)	0 S1-	0 S1-
500-268736-17	5-B09 (1-5)	80	61
500-268736-19	5-B10 (1-5)	80	65
500-268736-20	5-B10 (1-5)D	78	63
500-268736-22	5-B11 (1-5)	83	60

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 500-268736-1
Project/Site: Bend Boulevard, East Moline, IL

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	DCBP1 (33-148)	TCX1 (30-121)
LCS 500-819138/2-A	Lab Control Sample	96	80
MB 500-819138/1-A	Method Blank	112	95

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (49-129)	DCBP1 (37-121)
500-268736-1	5-B01 (1-5)	89	100
500-268736-1 MS	5-B01 (1-5)	68	59
500-268736-1 MSD	5-B01 (1-5)	72	75
500-268736-3	5-B02 (1-3)	72	54
500-268736-4	5-B03 (1-5)	91	76
500-268736-6	5-B04 (1-5)	85	79
500-268736-8	5-B05 (1-5)	77	67
500-268736-9	5-B05 (1-5)D	91	53
500-268736-11	5-B06 (1-5)	83	50
500-268736-13	5-B07 (1-5)	80	67
500-268736-15	5-B08 (1-5)	79	61
500-268736-17	5-B09 (1-5)	80	77
500-268736-19	5-B10 (1-5)	76	46
500-268736-20	5-B10 (1-5)D	76	67
500-268736-22	5-B11 (1-5)	68	65
LCS 500-819138/3-A	Lab Control Sample	81	56
MB 500-819138/1-A	Method Blank	84	62

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 500-819600/7
Matrix: Solid
Analysis Batch: 819600

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0084	mg/Kg			05/30/25 11:21	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			05/30/25 11:21	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			05/30/25 11:21	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			05/30/25 11:21	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			05/30/25 11:21	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			05/30/25 11:21	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			05/30/25 11:21	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			05/30/25 11:21	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			05/30/25 11:21	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			05/30/25 11:21	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			05/30/25 11:21	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			05/30/25 11:21	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			05/30/25 11:21	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			05/30/25 11:21	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			05/30/25 11:21	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			05/30/25 11:21	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			05/30/25 11:21	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			05/30/25 11:21	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			05/30/25 11:21	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			05/30/25 11:21	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			05/30/25 11:21	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			05/30/25 11:21	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			05/30/25 11:21	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			05/30/25 11:21	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			05/30/25 11:21	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			05/30/25 11:21	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			05/30/25 11:21	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			05/30/25 11:21	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			05/30/25 11:21	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			05/30/25 11:21	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			05/30/25 11:21	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			05/30/25 11:21	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			05/30/25 11:21	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			05/30/25 11:21	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			05/30/25 11:21	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			05/30/25 11:21	1
1,3-Dichloropropene, Total	<2.0		2.0	0.96	ug/Kg			05/30/25 11:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*75 - 131*		*05/30/25 11:21*	*1*
Dibromofluoromethane	*111*		*75 - 126*		*05/30/25 11:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*125*		*70 - 134*		*05/30/25 11:21*	*1*
Toluene-d8 (Surr)	*94*		*75 - 124*		*05/30/25 11:21*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-819600/5
Matrix: Solid
Analysis Batch: 819600

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.0500	0.0551		mg/Kg		110	40 - 150
Benzene	0.0500	0.0526		mg/Kg		105	70 - 125
Bromodichloromethane	0.0500	0.0587		mg/Kg		117	67 - 129
Bromoform	0.0500	0.0590		mg/Kg		118	68 - 136
Bromomethane	0.0500	0.0618		mg/Kg		124	70 - 130
2-Butanone (MEK)	0.0500	0.0561		mg/Kg		112	47 - 138
Carbon disulfide	0.0500	0.0475		mg/Kg		95	70 - 129
Carbon tetrachloride	0.0500	0.0600		mg/Kg		120	75 - 125
Chlorobenzene	0.0500	0.0503		mg/Kg		101	50 - 150
Chloroethane	0.0500	0.0554		mg/Kg		111	75 - 125
Chloroform	0.0500	0.0546		mg/Kg		109	57 - 135
Chloromethane	0.0500	0.0526		mg/Kg		105	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0547		mg/Kg		109	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0525		mg/Kg		105	70 - 125
Dibromochloromethane	0.0500	0.0561		mg/Kg		112	69 - 125
1,1-Dichloroethane	0.0500	0.0579		mg/Kg		116	70 - 125
1,2-Dichloroethane	0.0500	0.0626		mg/Kg		125	70 - 130
1,1-Dichloroethene	0.0500	0.0508		mg/Kg		102	70 - 120
1,2-Dichloropropane	0.0500	0.0567		mg/Kg		113	70 - 125
Ethylbenzene	0.0500	0.0556		mg/Kg		111	61 - 136
2-Hexanone	0.0500	0.0582		mg/Kg		116	48 - 146
Methylene Chloride	0.0500	0.0508		mg/Kg		102	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0596		mg/Kg		119	50 - 148
Methyl tert-butyl ether	0.0500	0.0545		mg/Kg		109	50 - 140
Styrene	0.0500	0.0551		mg/Kg		110	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0518		mg/Kg		104	70 - 122
Tetrachloroethene	0.0500	0.0559		mg/Kg		112	70 - 124
Toluene	0.0500	0.0453		mg/Kg		91	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0521		mg/Kg		104	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0538		mg/Kg		108	70 - 125
1,1,1-Trichloroethane	0.0500	0.0611		mg/Kg		122	70 - 128
1,1,2-Trichloroethane	0.0500	0.0501		mg/Kg		100	70 - 125
Trichloroethene	0.0500	0.0551		mg/Kg		110	70 - 125
Vinyl acetate	0.0500	0.0685		mg/Kg		137	40 - 153
Vinyl chloride	0.0500	0.0527		mg/Kg		105	70 - 125
Xylenes, Total	0.100	0.105		mg/Kg		105	53 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*75 - 131*
Dibromofluoromethane	*110*		*75 - 126*
1,2-Dichloroethane-d4 (Surr)	*124*		*70 - 134*
Toluene-d8 (Surr)	*95*		*75 - 124*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 500-819600/8
Matrix: Solid
Analysis Batch: 819600

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.0500	0.0446		mg/Kg		89	40 - 150	21	30
Benzene			0.0500	0.0470		mg/Kg		94	70 - 125	11	30
Bromodichloromethane			0.0500	0.0532		mg/Kg		106	67 - 129	10	30
Bromoform			0.0500	0.0517		mg/Kg		103	68 - 136	13	30
Bromomethane			0.0500	0.0472		mg/Kg		94	70 - 130	27	30
2-Butanone (MEK)			0.0500	0.0491		mg/Kg		98	47 - 138	13	30
Carbon disulfide			0.0500	0.0400		mg/Kg		80	70 - 129	17	30
Carbon tetrachloride			0.0500	0.0533		mg/Kg		107	75 - 125	12	30
Chlorobenzene			0.0500	0.0457		mg/Kg		91	50 - 150	10	30
Chloroethane			0.0500	0.0436		mg/Kg		87	75 - 125	24	30
Chloroform			0.0500	0.0497		mg/Kg		99	57 - 135	9	30
Chloromethane			0.0500	0.0393		mg/Kg		79	70 - 125	29	30
cis-1,2-Dichloroethene			0.0500	0.0469		mg/Kg		94	70 - 125	15	30
cis-1,3-Dichloropropene			0.0500	0.0482		mg/Kg		96	70 - 125	9	30
Dibromochloromethane			0.0500	0.0514		mg/Kg		103	69 - 125	9	30
1,1-Dichloroethane			0.0500	0.0525		mg/Kg		105	70 - 125	10	30
1,2-Dichloroethane			0.0500	0.0566		mg/Kg		113	70 - 130	10	30
1,1-Dichloroethene			0.0500	0.0453		mg/Kg		91	70 - 120	11	30
1,2-Dichloropropane			0.0500	0.0518		mg/Kg		104	70 - 125	9	30
Ethylbenzene			0.0500	0.0516		mg/Kg		103	61 - 136	8	30
2-Hexanone			0.0500	0.0505		mg/Kg		101	48 - 146	14	30
Methylene Chloride			0.0500	0.0463		mg/Kg		93	70 - 126	9	30
4-Methyl-2-pentanone (MIBK)			0.0500	0.0505		mg/Kg		101	50 - 148	17	30
Methyl tert-butyl ether			0.0500	0.0486		mg/Kg		97	50 - 140	12	30
Styrene			0.0500	0.0496		mg/Kg		99	70 - 125	10	30
1,1,2,2-Tetrachloroethane			0.0500	0.0478		mg/Kg		96	70 - 122	8	30
Tetrachloroethene			0.0500	0.0527		mg/Kg		105	70 - 124	6	30
Toluene			0.0500	0.0417		mg/Kg		83	70 - 125	8	30
trans-1,2-Dichloroethene			0.0500	0.0467		mg/Kg		93	70 - 125	11	30
trans-1,3-Dichloropropene			0.0500	0.0486		mg/Kg		97	70 - 125	10	30
1,1,1-Trichloroethane			0.0500	0.0556		mg/Kg		111	70 - 128	9	30
1,1,2-Trichloroethane			0.0500	0.0462		mg/Kg		92	70 - 125	8	30
Trichloroethene			0.0500	0.0493		mg/Kg		99	70 - 125	11	30
Vinyl acetate			0.0500	0.0599		mg/Kg		120	40 - 153	13	30
Vinyl chloride			0.0500	0.0385	*1	mg/Kg		77	70 - 125	31	30
Xylenes, Total			0.100	0.0960		mg/Kg		96	53 - 147	9	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*75 - 131*
Dibromofluoromethane	*110*		*75 - 126*
1,2-Dichloroethane-d4 (Surr)	*122*		*70 - 134*
Toluene-d8 (Surr)	*96*		*75 - 124*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-820175/7
Matrix: Solid
Analysis Batch: 820175

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0084	mg/Kg			06/04/25 11:39	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/04/25 11:39	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/04/25 11:39	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/04/25 11:39	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/04/25 11:39	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/04/25 11:39	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/04/25 11:39	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/04/25 11:39	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/04/25 11:39	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/04/25 11:39	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/04/25 11:39	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/04/25 11:39	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/04/25 11:39	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/04/25 11:39	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/04/25 11:39	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/04/25 11:39	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/04/25 11:39	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/04/25 11:39	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/04/25 11:39	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/04/25 11:39	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/04/25 11:39	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/04/25 11:39	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/04/25 11:39	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/04/25 11:39	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/04/25 11:39	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/04/25 11:39	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/04/25 11:39	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/04/25 11:39	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/04/25 11:39	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/04/25 11:39	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/04/25 11:39	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/04/25 11:39	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/04/25 11:39	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/04/25 11:39	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/04/25 11:39	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/04/25 11:39	1
1,3-Dichloropropene, Total	<2.0		2.0	0.96	ug/Kg			06/04/25 11:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*75 - 131*		*06/04/25 11:39*	*1*
Dibromofluoromethane	*98*		*75 - 126*		*06/04/25 11:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 134*		*06/04/25 11:39*	*1*
Toluene-d8 (Surr)	*93*		*75 - 124*		*06/04/25 11:39*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-820175/4
Matrix: Solid
Analysis Batch: 820175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.0500	0.0476		mg/Kg		95	40 - 150
Benzene	0.0500	0.0603		mg/Kg		121	70 - 125
Bromodichloromethane	0.0500	0.0584		mg/Kg		117	67 - 129
Bromoform	0.0500	0.0470		mg/Kg		94	68 - 136
Bromomethane	0.0500	0.0656	*+	mg/Kg		131	70 - 130
2-Butanone (MEK)	0.0500	0.0470		mg/Kg		94	47 - 138
Carbon disulfide	0.0500	0.0560		mg/Kg		112	70 - 129
Carbon tetrachloride	0.0500	0.0606		mg/Kg		121	75 - 125
Chlorobenzene	0.0500	0.0552		mg/Kg		110	50 - 150
Chloroethane	0.0500	0.0574		mg/Kg		115	75 - 125
Chloroform	0.0500	0.0603		mg/Kg		121	57 - 135
Chloromethane	0.0500	0.0618		mg/Kg		124	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0608		mg/Kg		122	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0613		mg/Kg		123	70 - 125
Dibromochloromethane	0.0500	0.0535		mg/Kg		107	69 - 125
1,1-Dichloroethane	0.0500	0.0583		mg/Kg		117	70 - 125
1,2-Dichloroethane	0.0500	0.0611		mg/Kg		122	70 - 130
1,1-Dichloroethene	0.0500	0.0557		mg/Kg		111	70 - 120
1,2-Dichloropropane	0.0500	0.0565		mg/Kg		113	70 - 125
Ethylbenzene	0.0500	0.0548		mg/Kg		110	61 - 136
2-Hexanone	0.0500	0.0473		mg/Kg		95	48 - 146
Methylene Chloride	0.0500	0.0525		mg/Kg		105	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0443		mg/Kg		89	50 - 148
Methyl tert-butyl ether	0.0500	0.0640		mg/Kg		128	50 - 140
Styrene	0.0500	0.0546		mg/Kg		109	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0555		mg/Kg		111	70 - 122
Tetrachloroethene	0.0500	0.0570		mg/Kg		114	70 - 124
Toluene	0.0500	0.0626		mg/Kg		125	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0627		mg/Kg		125	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0578		mg/Kg		116	70 - 125
1,1,1-Trichloroethane	0.0500	0.0610		mg/Kg		122	70 - 128
1,1,2-Trichloroethane	0.0500	0.0569		mg/Kg		114	70 - 125
Trichloroethene	0.0500	0.0570		mg/Kg		114	70 - 125
Vinyl acetate	0.0500	0.0593		mg/Kg		119	40 - 153
Vinyl chloride	0.0500	0.0678	*+	mg/Kg		136	70 - 125
Xylenes, Total	0.100	0.113		mg/Kg		113	53 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*75 - 131*
Dibromofluoromethane	*104*		*75 - 126*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 134*
Toluene-d8 (Surr)	*104*		*75 - 124*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 500-820175/5
Matrix: Solid
Analysis Batch: 820175

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.0500	0.0501		mg/Kg		100	40 - 150	5	30
Benzene			0.0500	0.0600		mg/Kg		120	70 - 125	1	30
Bromodichloromethane			0.0500	0.0585		mg/Kg		117	67 - 129	0	30
Bromoform			0.0500	0.0473		mg/Kg		95	68 - 136	1	30
Bromomethane			0.0500	0.0664	*+	mg/Kg		133	70 - 130	1	30
2-Butanone (MEK)			0.0500	0.0459		mg/Kg		92	47 - 138	2	30
Carbon disulfide			0.0500	0.0565		mg/Kg		113	70 - 129	1	30
Carbon tetrachloride			0.0500	0.0613		mg/Kg		123	75 - 125	1	30
Chlorobenzene			0.0500	0.0555		mg/Kg		111	50 - 150	1	30
Chloroethane			0.0500	0.0632	*+	mg/Kg		126	75 - 125	10	30
Chloroform			0.0500	0.0603		mg/Kg		121	57 - 135	0	30
Chloromethane			0.0500	0.0595		mg/Kg		119	70 - 125	4	30
cis-1,2-Dichloroethene			0.0500	0.0610		mg/Kg		122	70 - 125	0	30
cis-1,3-Dichloropropene			0.0500	0.0539		mg/Kg		108	70 - 125	13	30
Dibromochloromethane			0.0500	0.0512		mg/Kg		102	69 - 125	4	30
1,1-Dichloroethane			0.0500	0.0588		mg/Kg		118	70 - 125	1	30
1,2-Dichloroethane			0.0500	0.0610		mg/Kg		122	70 - 130	0	30
1,1-Dichloroethene			0.0500	0.0562		mg/Kg		112	70 - 120	1	30
1,2-Dichloropropane			0.0500	0.0564		mg/Kg		113	70 - 125	0	30
Ethylbenzene			0.0500	0.0552		mg/Kg		110	61 - 136	1	30
2-Hexanone			0.0500	0.0406		mg/Kg		81	48 - 146	15	30
Methylene Chloride			0.0500	0.0533		mg/Kg		107	70 - 126	2	30
4-Methyl-2-pentanone (MIBK)			0.0500	0.0411		mg/Kg		82	50 - 148	8	30
Methyl tert-butyl ether			0.0500	0.0651		mg/Kg		130	50 - 140	2	30
Styrene			0.0500	0.0547		mg/Kg		109	70 - 125	0	30
1,1,2,2-Tetrachloroethane			0.0500	0.0556		mg/Kg		111	70 - 122	0	30
Tetrachloroethene			0.0500	0.0510		mg/Kg		102	70 - 124	11	30
Toluene			0.0500	0.0555		mg/Kg		111	70 - 125	12	30
trans-1,2-Dichloroethene			0.0500	0.0645	*+	mg/Kg		129	70 - 125	3	30
trans-1,3-Dichloropropene			0.0500	0.0551		mg/Kg		110	70 - 125	5	30
1,1,1-Trichloroethane			0.0500	0.0624		mg/Kg		125	70 - 128	2	30
1,1,2-Trichloroethane			0.0500	0.0552		mg/Kg		110	70 - 125	3	30
Trichloroethene			0.0500	0.0571		mg/Kg		114	70 - 125	0	30
Vinyl acetate			0.0500	0.0575		mg/Kg		115	40 - 153	3	30
Vinyl chloride			0.0500	0.0697	*+	mg/Kg		139	70 - 125	3	30
Xylenes, Total			0.100	0.112		mg/Kg		112	53 - 147	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*75 - 131*
Dibromofluoromethane	*104*		*75 - 126*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 134*
Toluene-d8 (Surr)	*100*		*75 - 124*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-819140/1-A
Matrix: Solid
Analysis Batch: 819236

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819140

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Carbazole	<0.17		0.17	0.013	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Diethyl phthalate	<0.17		0.17	0.015	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Isophorone	<0.17		0.17	0.017	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		05/27/25 14:15	05/28/25 14:41	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-819140/1-A
Matrix: Solid
Analysis Batch: 819236

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819140

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Phenol	<0.17		0.17	0.014	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		05/27/25 14:15	05/28/25 14:41	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		05/27/25 14:15	05/28/25 14:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*80*		*43 - 145*	*05/27/25 14:15*	*05/28/25 14:41*	*1*
2-Fluorophenol	*89*		*31 - 166*	*05/27/25 14:15*	*05/28/25 14:41*	*1*
Nitrobenzene-d5 (Surr)	*89*		*37 - 147*	*05/27/25 14:15*	*05/28/25 14:41*	*1*
Phenol-d5	*93*		*30 - 153*	*05/27/25 14:15*	*05/28/25 14:41*	*1*
Terphenyl-d14 (Surr)	*90*		*42 - 157*	*05/27/25 14:15*	*05/28/25 14:41*	*1*
2,4,6-Tribromophenol	*64*		*31 - 143*	*05/27/25 14:15*	*05/28/25 14:41*	*1*

Lab Sample ID: LCS 500-819140/2-A
Matrix: Solid
Analysis Batch: 819236

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819140

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	3.33	2.62		mg/Kg		79	63 - 109
Acenaphthylene	3.33	2.72		mg/Kg		82	61 - 115
Anthracene	3.33	2.95		mg/Kg		88	68 - 120
Benzo[a]anthracene	3.33	2.77		mg/Kg		83	70 - 121
Benzo[a]pyrene	3.33	2.95		mg/Kg		89	73 - 132
Benzo[b]fluoranthene	3.33	2.85		mg/Kg		85	68 - 123
Benzo[g,h,i]perylene	3.33	2.53		mg/Kg		76	65 - 126
Benzo[k]fluoranthene	3.33	3.21		mg/Kg		96	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.77		mg/Kg		83	54 - 102
Bis(2-chloroethyl)ether	3.33	2.89		mg/Kg		87	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	3.67		mg/Kg		110	70 - 139
4-Bromophenyl phenyl ether	3.33	2.55		mg/Kg		77	57 - 124
Butyl benzyl phthalate	3.33	3.55		mg/Kg		106	65 - 140
Carbazole	3.33	3.05		mg/Kg		91	68 - 120
4-Chloroaniline	3.33	2.48		mg/Kg		74	22 - 110
4-Chloro-3-methylphenol	3.33	2.87		mg/Kg		86	57 - 113
2-Chloronaphthalene	3.33	2.67		mg/Kg		80	60 - 107
2-Chlorophenol	3.33	2.79		mg/Kg		84	50 - 102

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-819140/2-A
Matrix: Solid
Analysis Batch: 819236

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819140

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chlorophenyl phenyl ether	3.33	2.41		mg/Kg		72	60 - 112
Chrysene	3.33	2.81		mg/Kg		84	70 - 123
Dibenz(a,h)anthracene	3.33	2.76		mg/Kg		83	66 - 125
Dibenzofuran	3.33	2.70		mg/Kg		81	64 - 112
1,2-Dichlorobenzene	3.33	2.59		mg/Kg		78	47 - 94
1,3-Dichlorobenzene	3.33	2.46		mg/Kg		74	47 - 92
1,4-Dichlorobenzene	3.33	2.53		mg/Kg		76	46 - 92
3,3'-Dichlorobenzidine	3.33	2.28		mg/Kg		68	36 - 131
2,4-Dichlorophenol	3.33	2.51		mg/Kg		75	51 - 109
Diethyl phthalate	3.33	2.72		mg/Kg		82	66 - 115
2,4-Dimethylphenol	3.33	2.72		mg/Kg		82	48 - 93
Dimethyl phthalate	3.33	2.70		mg/Kg		81	65 - 114
Di-n-butyl phthalate	3.33	3.21		mg/Kg		96	69 - 125
4,6-Dinitro-2-methylphenol	6.67	6.01		mg/Kg		90	36 - 138
2,4-Dinitrophenol	6.67	4.52		mg/Kg		68	10 - 130
2,4-Dinitrotoluene	3.33	2.61		mg/Kg		78	65 - 120
2,6-Dinitrotoluene	3.33	2.62		mg/Kg		79	66 - 117
Di-n-octyl phthalate	3.33	3.08		mg/Kg		93	61 - 131
Fluoranthene	3.33	2.70		mg/Kg		81	66 - 123
Fluorene	3.33	2.66		mg/Kg		80	62 - 113
Hexachlorobenzene	3.33	2.47		mg/Kg		74	52 - 126
Hexachlorobutadiene	3.33	2.05		mg/Kg		62	42 - 103
Hexachlorocyclopentadiene	3.33	1.56		mg/Kg		47	10 - 100
Hexachloroethane	3.33	2.71		mg/Kg		81	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	2.71		mg/Kg		81	66 - 131
Isophorone	3.33	2.83		mg/Kg		85	47 - 108
2-Methylnaphthalene	3.33	2.57		mg/Kg		77	58 - 103
2-Methylphenol	3.33	2.84		mg/Kg		85	50 - 104
3 & 4 Methylphenol	3.33	2.96		mg/Kg		89	49 - 109
Naphthalene	3.33	2.50		mg/Kg		75	54 - 98
2-Nitroaniline	3.33	3.27		mg/Kg		98	61 - 126
3-Nitroaniline	3.33	2.65		mg/Kg		80	44 - 124
4-Nitroaniline	3.33	2.67		mg/Kg		80	60 - 115
Nitrobenzene	3.33	2.97		mg/Kg		89	52 - 105
2-Nitrophenol	3.33	2.69		mg/Kg		81	41 - 114
4-Nitrophenol	6.67	5.14		mg/Kg		77	45 - 126
N-Nitrosodi-n-propylamine	3.33	3.01		mg/Kg		90	48 - 110
N-Nitrosodiphenylamine	3.33	3.05		mg/Kg		91	67 - 112
2,2'-oxybis[1-chloropropane]	3.33	3.02		mg/Kg		91	43 - 111
Pentachlorophenol	6.67	4.78		mg/Kg		72	32 - 128
Phenanthrene	3.33	2.89		mg/Kg		87	65 - 115
Phenol	3.33	2.89		mg/Kg		87	52 - 110
Pyrene	3.33	3.14		mg/Kg		94	71 - 128
1,2,4-Trichlorobenzene	3.33	2.28		mg/Kg		68	49 - 100
2,4,5-Trichlorophenol	3.33	2.51		mg/Kg		75	48 - 121
2,4,6-Trichlorophenol	3.33	2.56		mg/Kg		77	50 - 121

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-819140/2-A
Matrix: Solid
Analysis Batch: 819236

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	82		43 - 145
2-Fluorophenol	92		31 - 166
Nitrobenzene-d5 (Surr)	91		37 - 147
Phenol-d5	94		30 - 153
Terphenyl-d14 (Surr)	90		42 - 157
2,4,6-Tribromophenol	65		31 - 143

Lab Sample ID: MB 500-819206/1-A
Matrix: Solid
Analysis Batch: 819238

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819206

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Carbazole	<0.17		0.17	0.013	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Diethyl phthalate	<0.17		0.17	0.015	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		05/28/25 07:39	05/28/25 15:56	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-819206/1-A
Matrix: Solid
Analysis Batch: 819238

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819206

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Isophorone	<0.17		0.17	0.017	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Phenol	<0.17		0.17	0.014	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		05/28/25 07:39	05/28/25 15:56	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		05/28/25 07:39	05/28/25 15:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*43 - 145*	*05/28/25 07:39*	*05/28/25 15:56*	*1*
2-Fluorophenol	*78*		*31 - 166*	*05/28/25 07:39*	*05/28/25 15:56*	*1*
Nitrobenzene-d5 (Surr)	*71*		*37 - 147*	*05/28/25 07:39*	*05/28/25 15:56*	*1*
Phenol-d5	*70*		*30 - 153*	*05/28/25 07:39*	*05/28/25 15:56*	*1*
Terphenyl-d14 (Surr)	*94*		*42 - 157*	*05/28/25 07:39*	*05/28/25 15:56*	*1*
2,4,6-Tribromophenol	*100*		*31 - 143*	*05/28/25 07:39*	*05/28/25 15:56*	*1*

Lab Sample ID: LCS 500-819206/2-A
Matrix: Solid
Analysis Batch: 819238

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819206

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	3.33	2.43		mg/Kg		73	63 - 109
Acenaphthylene	3.33	2.55		mg/Kg		77	61 - 115
Anthracene	3.33	2.71		mg/Kg		81	68 - 120
Benzo[a]anthracene	3.33	2.47		mg/Kg		74	70 - 121
Benzo[a]pyrene	3.33	2.75		mg/Kg		82	73 - 132
Benzo[b]fluoranthene	3.33	2.73		mg/Kg		82	68 - 123

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-819206/2-A
Matrix: Solid
Analysis Batch: 819238

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819206

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[g,h,i]perylene	3.33	2.46		mg/Kg		74	65 - 126
Benzo[k]fluoranthene	3.33	2.70		mg/Kg		81	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.09		mg/Kg		63	54 - 102
Bis(2-chloroethyl)ether	3.33	1.96		mg/Kg		59	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	2.56		mg/Kg		77	70 - 139
4-Bromophenyl phenyl ether	3.33	3.07		mg/Kg		92	57 - 124
Butyl benzyl phthalate	3.33	2.56		mg/Kg		77	65 - 140
Carbazole	3.33	2.59		mg/Kg		78	68 - 120
4-Chloroaniline	3.33	2.15		mg/Kg		65	22 - 110
4-Chloro-3-methylphenol	3.33	2.40		mg/Kg		72	57 - 113
2-Chloronaphthalene	3.33	2.50		mg/Kg		75	60 - 107
2-Chlorophenol	3.33	2.42		mg/Kg		72	50 - 102
4-Chlorophenyl phenyl ether	3.33	2.59		mg/Kg		78	60 - 112
Chrysene	3.33	2.49		mg/Kg		75	70 - 123
Dibenz(a,h)anthracene	3.33	2.77		mg/Kg		83	66 - 125
Dibenzofuran	3.33	2.55		mg/Kg		76	64 - 112
1,2-Dichlorobenzene	3.33	2.27		mg/Kg		68	47 - 94
1,3-Dichlorobenzene	3.33	2.28		mg/Kg		68	47 - 92
1,4-Dichlorobenzene	3.33	2.28		mg/Kg		68	46 - 92
3,3'-Dichlorobenzidine	3.33	2.19		mg/Kg		66	36 - 131
2,4-Dichlorophenol	3.33	2.71		mg/Kg		81	51 - 109
Diethyl phthalate	3.33	2.51		mg/Kg		75	66 - 115
2,4-Dimethylphenol	3.33	2.48		mg/Kg		74	48 - 93
Dimethyl phthalate	3.33	2.56		mg/Kg		77	65 - 114
Di-n-butyl phthalate	3.33	2.64		mg/Kg		79	69 - 125
4,6-Dinitro-2-methylphenol	6.67	5.35		mg/Kg		80	36 - 138
2,4-Dinitrophenol	6.67	4.81		mg/Kg		72	10 - 130
2,4-Dinitrotoluene	3.33	2.73		mg/Kg		82	65 - 120
2,6-Dinitrotoluene	3.33	2.71		mg/Kg		81	66 - 117
Di-n-octyl phthalate	3.33	2.86		mg/Kg		86	61 - 131
Fluoranthene	3.33	2.75		mg/Kg		82	66 - 123
Fluorene	3.33	2.48		mg/Kg		74	62 - 113
Hexachlorobenzene	3.33	3.12		mg/Kg		94	52 - 126
Hexachlorobutadiene	3.33	2.75		mg/Kg		82	42 - 103
Hexachlorocyclopentadiene	3.33	1.83		mg/Kg		55	10 - 100
Hexachloroethane	3.33	2.13		mg/Kg		64	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	2.71		mg/Kg		81	66 - 131
Isophorone	3.33	2.04		mg/Kg		61	47 - 108
2-Methylnaphthalene	3.33	2.50		mg/Kg		75	58 - 103
2-Methylphenol	3.33	2.23		mg/Kg		67	50 - 104
3 & 4 Methylphenol	3.33	2.19		mg/Kg		66	49 - 109
Naphthalene	3.33	2.32		mg/Kg		70	54 - 98
2-Nitroaniline	3.33	1.99	*-	mg/Kg		60	61 - 126
3-Nitroaniline	3.33	2.27		mg/Kg		68	44 - 124
4-Nitroaniline	3.33	2.30		mg/Kg		69	60 - 115
Nitrobenzene	3.33	2.06		mg/Kg		62	52 - 105
2-Nitrophenol	3.33	2.78		mg/Kg		84	41 - 114
4-Nitrophenol	6.67	3.69		mg/Kg		55	45 - 126
N-Nitrosodi-n-propylamine	3.33	1.88		mg/Kg		56	48 - 110

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-819206/2-A
Matrix: Solid
Analysis Batch: 819238

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819206

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
N-Nitrosodiphenylamine	3.33	2.73		mg/Kg		82	67 - 112
2,2'-oxybis[1-chloropropane]	3.33	1.51		mg/Kg		45	43 - 111
Pentachlorophenol	6.67	4.72		mg/Kg		71	32 - 128
Phenanthrene	3.33	2.64		mg/Kg		79	65 - 115
Phenol	3.33	2.14		mg/Kg		64	52 - 110
Pyrene	3.33	2.58		mg/Kg		77	71 - 128
1,2,4-Trichlorobenzene	3.33	2.54		mg/Kg		76	49 - 100
2,4,5-Trichlorophenol	3.33	2.69		mg/Kg		81	48 - 121
2,4,6-Trichlorophenol	3.33	2.74		mg/Kg		82	50 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*81*		*43 - 145*
2-Fluorophenol	*74*		*31 - 166*
Nitrobenzene-d5 (Surr)	*66*		*37 - 147*
Phenol-d5	*69*		*30 - 153*
Terphenyl-d14 (Surr)	*86*		*42 - 157*
2,4,6-Tribromophenol	*100*		*31 - 143*

Lab Sample ID: 500-268736-20 MS
Matrix: Solid
Analysis Batch: 819416

Client Sample ID: 5-B10 (1-5)D
Prep Type: Total/NA
Prep Batch: 819206

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	<0.038	F1	3.85	2.27	F1	mg/Kg	☼	59	65 - 124
Acenaphthylene	<0.038	F1	3.85	2.39	F1	mg/Kg	☼	62	68 - 120
Anthracene	<0.038	F1	3.85	2.61	F1	mg/Kg	☼	68	70 - 114
Benzo[a]anthracene	<0.038	F1	3.85	2.37	F1	mg/Kg	☼	62	67 - 122
Benzo[a]pyrene	<0.038		3.85	2.65		mg/Kg	☼	69	65 - 133
Benzo[b]fluoranthene	<0.038	F1	3.85	2.48	F1	mg/Kg	☼	64	69 - 129
Benzo[g,h,i]perylene	<0.038	F1	3.85	2.71	F1	mg/Kg	☼	70	72 - 131
Benzo[k]fluoranthene	<0.038	F1	3.85	2.52	F1	mg/Kg	☼	65	68 - 127
Bis(2-chloroethoxy)methane	<0.19	F1	3.85	1.86	F1	mg/Kg	☼	48	60 - 112
Bis(2-chloroethyl)ether	<0.19	F1	3.85	1.72	F1	mg/Kg	☼	45	55 - 111
Bis(2-ethylhexyl) phthalate	<0.19	F1	3.85	2.20	F1	mg/Kg	☼	57	72 - 131
4-Bromophenyl phenyl ether	<0.19		3.85	2.76		mg/Kg	☼	72	68 - 118
Butyl benzyl phthalate	<0.19	F1	3.85	2.27	F1	mg/Kg	☼	59	71 - 129
Carbazole	<0.19		3.85	2.55		mg/Kg	☼	66	65 - 142
4-Chloroaniline	<0.77		3.85	2.06		mg/Kg	☼	53	30 - 150
4-Chloro-3-methylphenol	<0.38	F1	3.85	2.18	F1	mg/Kg	☼	57	65 - 122
2-Chloronaphthalene	<0.19	F1	3.85	2.31	F1	mg/Kg	☼	60	69 - 114
2-Chlorophenol	<0.19	F1	3.85	2.14	F1	mg/Kg	☼	56	64 - 110
4-Chlorophenyl phenyl ether	<0.19	F1	3.85	2.38		mg/Kg	☼	62	62 - 119
Chrysene	<0.038	F1	3.85	2.41	F1	mg/Kg	☼	62	63 - 120
Dibenz(a,h)anthracene	<0.038		3.85	2.91		mg/Kg	☼	75	64 - 131
Dibenzofuran	<0.19	F1	3.85	2.39	F1	mg/Kg	☼	62	66 - 115
1,2-Dichlorobenzene	<0.19	F1	3.85	2.09	F1	mg/Kg	☼	54	62 - 110
1,3-Dichlorobenzene	<0.19	F1	3.85	2.03	F1	mg/Kg	☼	53	60 - 110
1,4-Dichlorobenzene	<0.19	F1	3.85	2.09	F1	mg/Kg	☼	54	61 - 110

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-268736-20 MS
Matrix: Solid
Analysis Batch: 819416

Client Sample ID: 5-B10 (1-5)D
Prep Type: Total/NA
Prep Batch: 819206

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
3,3'-Dichlorobenzidine	<0.19		3.85	2.41		mg/Kg	☼	63	35 - 128
2,4-Dichlorophenol	<0.38		3.85	2.46		mg/Kg	☼	64	58 - 120
Diethyl phthalate	<0.19		3.85	2.33		mg/Kg	☼	60	58 - 120
2,4-Dimethylphenol	<0.38	F1	3.85	2.19	F1	mg/Kg	☼	57	60 - 110
Dimethyl phthalate	<0.19	F1	3.85	2.42	F1	mg/Kg	☼	63	69 - 116
Di-n-butyl phthalate	<0.19	F1	3.85	2.42	F1	mg/Kg	☼	63	65 - 120
4,6-Dinitro-2-methylphenol	<0.77		7.70	4.92		mg/Kg	☼	64	10 - 110
2,4-Dinitrophenol	<0.77		7.70	3.63		mg/Kg	☼	47	10 - 100
2,4-Dinitrotoluene	<0.19	F1	3.85	2.63	F1	mg/Kg	☼	68	69 - 124
2,6-Dinitrotoluene	<0.19	F1	3.85	2.58	F1	mg/Kg	☼	67	70 - 123
Di-n-octyl phthalate	<0.38	F1	3.85	2.64		mg/Kg	☼	69	68 - 134
Fluoranthene	<0.038		3.85	2.63		mg/Kg	☼	68	62 - 120
Fluorene	<0.038	F1	3.85	2.35	F1	mg/Kg	☼	61	62 - 120
Hexachlorobenzene	<0.077		3.85	2.88		mg/Kg	☼	75	63 - 124
Hexachlorobutadiene	<0.19		3.85	2.49		mg/Kg	☼	65	56 - 120
Hexachlorocyclopentadiene	<0.77		3.85	0.499	J	mg/Kg	☼	13	10 - 133
Hexachloroethane	<0.19	F1	3.85	1.77	F1	mg/Kg	☼	46	60 - 114
Indeno[1,2,3-cd]pyrene	<0.038		3.85	3.00		mg/Kg	☼	78	68 - 130
Isophorone	<0.19	F1	3.85	1.83	F1	mg/Kg	☼	47	55 - 110
2-Methylnaphthalene	<0.077	F1	3.85	2.26	F1	mg/Kg	☼	59	69 - 112
2-Methylphenol	<0.19	F1	3.85	1.96	F1	mg/Kg	☼	51	60 - 120
3 & 4 Methylphenol	<0.19	F1	3.85	1.93	F1	mg/Kg	☼	50	57 - 120
Naphthalene	<0.038	F1	3.85	2.14	F1	mg/Kg	☼	56	63 - 110
2-Nitroaniline	<0.19	*- F1	3.85	1.89	F1	mg/Kg	☼	49	57 - 124
3-Nitroaniline	<0.38		3.85	2.29		mg/Kg	☼	59	40 - 122
4-Nitroaniline	<0.38	F1	3.85	2.15	F1	mg/Kg	☼	56	60 - 160
Nitrobenzene	<0.038	F1	3.85	1.89	F1	mg/Kg	☼	49	60 - 116
2-Nitrophenol	<0.38		3.85	2.55		mg/Kg	☼	66	60 - 120
4-Nitrophenol	<0.77		7.70	3.98		mg/Kg	☼	52	30 - 122
N-Nitrosodi-n-propylamine	<0.077	F1	3.85	1.63	F1	mg/Kg	☼	42	56 - 118
N-Nitrosodiphenylamine	<0.19	F1	3.85	2.52		mg/Kg	☼	65	65 - 112
2,2'-oxybis[1-chloropropane]	<0.19	F1	3.85	1.27	F1	mg/Kg	☼	33	40 - 124
Pentachlorophenol	<0.77		7.70	4.77		mg/Kg	☼	62	13 - 112
Phenanthrene	<0.038		3.85	2.52		mg/Kg	☼	65	62 - 120
Phenol	<0.19	F1	3.85	1.92	F1	mg/Kg	☼	50	56 - 122
Pyrene	<0.038	F1	3.85	2.38		mg/Kg	☼	62	61 - 128
1,2,4-Trichlorobenzene	<0.19	F1	3.85	2.31	F1	mg/Kg	☼	60	66 - 117
2,4,5-Trichlorophenol	<0.38		3.85	2.60		mg/Kg	☼	68	50 - 120
2,4,6-Trichlorophenol	<0.38		3.85	2.57		mg/Kg	☼	67	57 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*65*		*43 - 145*
2-Fluorophenol	*57*		*31 - 166*
Nitrobenzene-d5 (Surr)	*52*		*37 - 147*
Phenol-d5	*53*		*30 - 153*
Terphenyl-d14 (Surr)	*66*		*42 - 157*
2,4,6-Tribromophenol	*80*		*31 - 143*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-268736-20 MSD
Matrix: Solid
Analysis Batch: 819416

Client Sample ID: 5-B10 (1-5)D
Prep Type: Total/NA
Prep Batch: 819206

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	<0.038	F1	3.87	2.30	F1	mg/Kg	☼	59	65 - 124	1	30
Acenaphthylene	<0.038	F1	3.87	2.39	F1	mg/Kg	☼	62	68 - 120	0	30
Anthracene	<0.038	F1	3.87	2.53	F1	mg/Kg	☼	65	70 - 114	3	30
Benzo[a]anthracene	<0.038	F1	3.87	2.34	F1	mg/Kg	☼	60	67 - 122	1	30
Benzo[a]pyrene	<0.038		3.87	2.56		mg/Kg	☼	66	65 - 133	4	30
Benzo[b]fluoranthene	<0.038	F1	3.87	2.48	F1	mg/Kg	☼	64	69 - 129	0	30
Benzo[g,h,i]perylene	<0.038	F1	3.87	2.63	F1	mg/Kg	☼	68	72 - 131	3	30
Benzo[k]fluoranthene	<0.038	F1	3.87	2.38	F1	mg/Kg	☼	61	68 - 127	6	30
Bis(2-chloroethoxy)methane	<0.19	F1	3.87	1.89	F1	mg/Kg	☼	49	60 - 112	2	30
Bis(2-chloroethyl)ether	<0.19	F1	3.87	1.76	F1	mg/Kg	☼	45	55 - 111	2	30
Bis(2-ethylhexyl) phthalate	<0.19	F1	3.87	2.13	F1	mg/Kg	☼	55	72 - 131	3	30
4-Bromophenyl phenyl ether	<0.19		3.87	2.71		mg/Kg	☼	70	68 - 118	2	30
Butyl benzyl phthalate	<0.19	F1	3.87	2.22	F1	mg/Kg	☼	57	71 - 129	2	30
Carbazole	<0.19		3.87	2.52		mg/Kg	☼	65	65 - 142	1	30
4-Chloroaniline	<0.77		3.87	2.13		mg/Kg	☼	55	30 - 150	4	30
4-Chloro-3-methylphenol	<0.38	F1	3.87	2.18	F1	mg/Kg	☼	56	65 - 122	0	30
2-Chloronaphthalene	<0.19	F1	3.87	2.35	F1	mg/Kg	☼	61	69 - 114	2	30
2-Chlorophenol	<0.19	F1	3.87	2.16	F1	mg/Kg	☼	56	64 - 110	1	30
4-Chlorophenyl phenyl ether	<0.19	F1	3.87	2.36	F1	mg/Kg	☼	61	62 - 119	1	30
Chrysene	<0.038	F1	3.87	2.32	F1	mg/Kg	☼	60	63 - 120	4	30
Dibenz(a,h)anthracene	<0.038		3.87	2.84		mg/Kg	☼	73	64 - 131	2	30
Dibenzofuran	<0.19	F1	3.87	2.38	F1	mg/Kg	☼	61	66 - 115	0	30
1,2-Dichlorobenzene	<0.19	F1	3.87	2.08	F1	mg/Kg	☼	54	62 - 110	0	30
1,3-Dichlorobenzene	<0.19	F1	3.87	2.05	F1	mg/Kg	☼	53	60 - 110	1	30
1,4-Dichlorobenzene	<0.19	F1	3.87	2.07	F1	mg/Kg	☼	53	61 - 110	1	30
3,3'-Dichlorobenzidine	<0.19		3.87	2.34		mg/Kg	☼	60	35 - 128	3	30
2,4-Dichlorophenol	<0.38		3.87	2.45		mg/Kg	☼	63	58 - 120	1	30
Diethyl phthalate	<0.19		3.87	2.25		mg/Kg	☼	58	58 - 120	3	30
2,4-Dimethylphenol	<0.38	F1	3.87	2.15	F1	mg/Kg	☼	56	60 - 110	2	30
Dimethyl phthalate	<0.19	F1	3.87	2.34	F1	mg/Kg	☼	60	69 - 116	3	30
Di-n-butyl phthalate	<0.19	F1	3.87	2.33	F1	mg/Kg	☼	60	65 - 120	4	30
4,6-Dinitro-2-methylphenol	<0.77		7.74	4.69		mg/Kg	☼	61	10 - 110	5	30
2,4-Dinitrophenol	<0.77		7.74	3.60		mg/Kg	☼	46	10 - 100	1	30
2,4-Dinitrotoluene	<0.19	F1	3.87	2.58	F1	mg/Kg	☼	67	69 - 124	2	30
2,6-Dinitrotoluene	<0.19	F1	3.87	2.51	F1	mg/Kg	☼	65	70 - 123	3	30
Di-n-octyl phthalate	<0.38	F1	3.87	2.56	F1	mg/Kg	☼	66	68 - 134	3	30
Fluoranthene	<0.038		3.87	2.63		mg/Kg	☼	68	62 - 120	0	30
Fluorene	<0.038	F1	3.87	2.32	F1	mg/Kg	☼	60	62 - 120	1	30
Hexachlorobenzene	<0.077		3.87	2.86		mg/Kg	☼	74	63 - 124	1	30
Hexachlorobutadiene	<0.19		3.87	2.53		mg/Kg	☼	65	56 - 120	2	30
Hexachlorocyclopentadiene	<0.77		3.87	0.504	J	mg/Kg	☼	13	10 - 133	1	30
Hexachloroethane	<0.19	F1	3.87	1.80	F1	mg/Kg	☼	47	60 - 114	2	30
Indeno[1,2,3-cd]pyrene	<0.038		3.87	2.87		mg/Kg	☼	74	68 - 130	5	30
Isophorone	<0.19	F1	3.87	1.85	F1	mg/Kg	☼	48	55 - 110	1	30
2-Methylnaphthalene	<0.077	F1	3.87	2.30	F1	mg/Kg	☼	59	69 - 112	2	30
2-Methylphenol	<0.19	F1	3.87	1.96	F1	mg/Kg	☼	51	60 - 120	0	30
3 & 4 Methylphenol	<0.19	F1	3.87	1.95	F1	mg/Kg	☼	50	57 - 120	1	30
Naphthalene	<0.038	F1	3.87	2.18	F1	mg/Kg	☼	56	63 - 110	2	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-268736-20 MSD
Matrix: Solid
Analysis Batch: 819416

Client Sample ID: 5-B10 (1-5)D
Prep Type: Total/NA
Prep Batch: 819206

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Nitroaniline	<0.19	*- F1	3.87	1.86	F1	mg/Kg	☼	48	57 - 124	1	30
3-Nitroaniline	<0.38		3.87	2.26		mg/Kg	☼	58	40 - 122	1	30
4-Nitroaniline	<0.38	F1	3.87	2.10	F1	mg/Kg	☼	54	60 - 160	2	30
Nitrobenzene	<0.038	F1	3.87	1.89	F1	mg/Kg	☼	49	60 - 116	0	30
2-Nitrophenol	<0.38		3.87	2.53		mg/Kg	☼	65	60 - 120	1	30
4-Nitrophenol	<0.77		7.74	3.95		mg/Kg	☼	51	30 - 122	1	30
N-Nitrosodi-n-propylamine	<0.077	F1	3.87	1.66	F1	mg/Kg	☼	43	56 - 118	2	30
N-Nitrosodiphenylamine	<0.19	F1	3.87	2.47	F1	mg/Kg	☼	64	65 - 112	2	30
2,2'-oxybis[1-chloropropane]	<0.19	F1	3.87	1.28	F1	mg/Kg	☼	33	40 - 124	1	30
Pentachlorophenol	<0.77		7.74	4.60		mg/Kg	☼	59	13 - 112	4	30
Phenanthrene	<0.038		3.87	2.48		mg/Kg	☼	64	62 - 120	2	30
Phenol	<0.19	F1	3.87	1.94	F1	mg/Kg	☼	50	56 - 122	1	30
Pyrene	<0.038	F1	3.87	2.33	F1	mg/Kg	☼	60	61 - 128	2	30
1,2,4-Trichlorobenzene	<0.19	F1	3.87	2.35	F1	mg/Kg	☼	61	66 - 117	2	30
2,4,5-Trichlorophenol	<0.38		3.87	2.60		mg/Kg	☼	67	50 - 120	0	30
2,4,6-Trichlorophenol	<0.38		3.87	2.59		mg/Kg	☼	67	57 - 120	1	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*64*		*43 - 145*
2-Fluorophenol	*58*		*31 - 166*
Nitrobenzene-d5 (Surr)	*53*		*37 - 147*
Phenol-d5	*54*		*30 - 153*
Terphenyl-d14 (Surr)	*66*		*42 - 157*
2,4,6-Tribromophenol	*80*		*31 - 143*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 500-819138/1-A
Matrix: Solid
Analysis Batch: 819327

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819138

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.7		1.7	0.95	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
beta-BHC	<1.7		1.7	1.4	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
delta-BHC	<1.7		1.7	0.81	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
gamma-BHC (Lindane)	<1.7		1.7	0.84	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Heptachlor	<1.7		1.7	0.91	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Aldrin	<1.7		1.7	1.2	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Heptachlor epoxide	<1.7		1.7	0.91	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Endosulfan I	<1.7		1.7	0.91	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Dieldrin	<1.7		1.7	0.88	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
4,4'-DDE	<1.7		1.7	0.87	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Endrin	<1.7		1.7	0.86	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Endosulfan II	<1.7		1.7	0.93	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
4,4'-DDD	<1.7		1.7	0.91	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Endosulfan sulfate	<1.7		1.7	0.93	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
4,4'-DDT	<1.7		1.7	0.80	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Methoxychlor	<8.3		8.3	1.1	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Endrin ketone	<1.7		1.7	0.82	ug/Kg		05/27/25 14:12	05/28/25 14:37	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 500-819138/1-A
Matrix: Solid
Analysis Batch: 819327

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819138

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	<1.7		1.7	0.96	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
alpha-Chlordane	<1.7		1.7	0.90	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
gamma-Chlordane	<1.7		1.7	0.97	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Toxaphene	<17		17	6.7	ug/Kg		05/27/25 14:12	05/28/25 14:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*112*		*33 - 148*	*05/27/25 14:12*	*05/28/25 14:37*	*1*
Tetrachloro-m-xylene	*95*		*30 - 121*	*05/27/25 14:12*	*05/28/25 14:37*	*1*

Lab Sample ID: LCS 500-819138/2-A
Matrix: Solid
Analysis Batch: 819327

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819138

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
alpha-BHC	13.3	11.6		ug/Kg		87	50 - 123
beta-BHC	13.3	12.7		ug/Kg		96	44 - 140
delta-BHC	13.3	11.6		ug/Kg		87	57 - 125
gamma-BHC (Lindane)	13.3	11.4		ug/Kg		85	50 - 122
Heptachlor	13.3	10.8		ug/Kg		81	53 - 129
Aldrin	13.3	11.4		ug/Kg		85	52 - 122
Heptachlor epoxide	13.3	11.2		ug/Kg		84	50 - 139
Endosulfan I	13.3	10.3		ug/Kg		77	30 - 120
Dieldrin	13.3	11.5		ug/Kg		86	51 - 133
4,4'-DDE	13.3	11.8		ug/Kg		89	50 - 130
Endrin	13.3	11.6		ug/Kg		87	43 - 144
Endosulfan II	13.3	10.8		ug/Kg		81	30 - 120
4,4'-DDD	13.3	11.5		ug/Kg		87	47 - 137
Endosulfan sulfate	13.3	12.6		ug/Kg		94	42 - 150
4,4'-DDT	13.3	11.8		ug/Kg		88	46 - 143
Methoxychlor	13.3	12.3		ug/Kg		93	45 - 144
Endrin ketone	13.3	12.5		ug/Kg		93	51 - 135
Endrin aldehyde	13.3	9.17		ug/Kg		69	39 - 131
alpha-Chlordane	13.3	11.3		ug/Kg		85	52 - 129
gamma-Chlordane	13.3	11.1		ug/Kg		83	52 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*96*		*33 - 148*
Tetrachloro-m-xylene	*80*		*30 - 121*

Lab Sample ID: 500-268736-1 MS
Matrix: Solid
Analysis Batch: 819327

Client Sample ID: 5-B01 (1-5)
Prep Type: Total/NA
Prep Batch: 819138

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
alpha-BHC	<9.7	F2 F1	14.9	44.5	F1	ug/Kg	☼	298	50 - 123
beta-BHC	<9.7	F2 F1	14.9	58.8	F1	ug/Kg	☼	394	44 - 140
delta-BHC	<9.7	F2 F1	14.9	32.8	F1	ug/Kg	☼	220	57 - 125
gamma-BHC (Lindane)	<9.7	F2 F1	14.9	19.6	F1	ug/Kg	☼	131	50 - 122

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 500-268736-1 MS
Matrix: Solid
Analysis Batch: 819327

Client Sample ID: 5-B01 (1-5)
Prep Type: Total/NA
Prep Batch: 819138

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Heptachlor	<9.7	F2 F1	14.9	39.7	F1	ug/Kg	☼	266	53 - 129
Aldrin	<9.7	F2	14.9	16.2		ug/Kg	☼	108	52 - 122
Heptachlor epoxide	<9.7		14.9	12.1		ug/Kg	☼	81	50 - 139
Endosulfan I	<9.7		14.9	9.86		ug/Kg	☼	66	30 - 120
Dieldrin	<9.7		14.9	11.0		ug/Kg	☼	74	51 - 133
4,4'-DDE	<9.7		14.9	10.8		ug/Kg	☼	72	50 - 130
Endrin	<9.7		14.9	10.5		ug/Kg	☼	71	43 - 144
Endosulfan II	<9.7		14.9	11.0		ug/Kg	☼	73	30 - 120
4,4'-DDD	<9.7		14.9	10.9		ug/Kg	☼	73	47 - 137
Endosulfan sulfate	<9.7		14.9	11.2		ug/Kg	☼	75	42 - 150
4,4'-DDT	<9.7		14.9	14.6		ug/Kg	☼	98	46 - 143
Methoxychlor	<47		14.9	11.8	J	ug/Kg	☼	79	45 - 144
Endrin ketone	<9.7		14.9	14.5		ug/Kg	☼	97	51 - 135
Endrin aldehyde	<9.7	F1	14.9	10.5		ug/Kg	☼	70	39 - 131
alpha-Chlordane	<9.7		14.9	11.0		ug/Kg	☼	74	52 - 129
gamma-Chlordane	<9.7		14.9	12.2		ug/Kg	☼	82	52 - 132

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*175*	*S1+*	*33 - 148*
Tetrachloro-m-xylene	*99*		*30 - 121*

Lab Sample ID: 500-268736-1 MSD
Matrix: Solid
Analysis Batch: 819327

Client Sample ID: 5-B01 (1-5)
Prep Type: Total/NA
Prep Batch: 819138

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
alpha-BHC	<9.7	F2 F1	15.4	12.5	F2	ug/Kg	☼	81	50 - 123	112	30
beta-BHC	<9.7	F2 F1	15.4	11.7	F2	ug/Kg	☼	76	44 - 140	134	30
delta-BHC	<9.7	F2 F1	15.4	11.2	F2	ug/Kg	☼	73	57 - 125	98	30
gamma-BHC (Lindane)	<9.7	F2 F1	15.4	10.9	F2	ug/Kg	☼	71	50 - 122	57	30
Heptachlor	<9.7	F2 F1	15.4	10.9	F2	ug/Kg	☼	70	53 - 129	114	30
Aldrin	<9.7	F2	15.4	10.8	F2	ug/Kg	☼	70	52 - 122	40	30
Heptachlor epoxide	<9.7		15.4	11.3		ug/Kg	☼	73	50 - 139	7	30
Endosulfan I	<9.7		15.4	8.76	J	ug/Kg	☼	57	30 - 120	12	30
Dieldrin	<9.7		15.4	10.5		ug/Kg	☼	68	51 - 133	4	30
4,4'-DDE	<9.7		15.4	9.65	J	ug/Kg	☼	63	50 - 130	11	30
Endrin	<9.7		15.4	9.21	J	ug/Kg	☼	60	43 - 144	14	30
Endosulfan II	<9.7		15.4	10.0		ug/Kg	☼	65	30 - 120	9	30
4,4'-DDD	<9.7		15.4	10.0		ug/Kg	☼	65	47 - 137	9	30
Endosulfan sulfate	<9.7		15.4	9.98		ug/Kg	☼	65	42 - 150	12	30
4,4'-DDT	<9.7		15.4	11.7		ug/Kg	☼	76	46 - 143	22	30
Methoxychlor	<47		15.4	9.82	J	ug/Kg	☼	64	45 - 144	18	30
Endrin ketone	<9.7		15.4	11.5		ug/Kg	☼	75	51 - 135	23	30
Endrin aldehyde	<9.7	F1	15.4	<9.8	F1	ug/Kg	☼	0	39 - 131	NC	30
alpha-Chlordane	<9.7		15.4	10.6		ug/Kg	☼	69	52 - 129	4	30
gamma-Chlordane	<9.7		15.4	11.1		ug/Kg	☼	72	52 - 132	10	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 500-268736-1 MSD
Matrix: Solid
Analysis Batch: 819327

Client Sample ID: 5-B01 (1-5)
Prep Type: Total/NA
Prep Batch: 819138

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	123		33 - 148
Tetrachloro-m-xylene	64		30 - 121

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 500-819138/1-A
Matrix: Solid
Analysis Batch: 819281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819138

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.017		0.017	0.0066	mg/Kg		05/27/25 14:12	05/28/25 18:44	1
PCB-1221	<0.017		0.017	0.0066	mg/Kg		05/27/25 14:12	05/28/25 18:44	1
PCB-1232	<0.017		0.017	0.0045	mg/Kg		05/27/25 14:12	05/28/25 18:44	1
PCB-1242	<0.017		0.017	0.0065	mg/Kg		05/27/25 14:12	05/28/25 18:44	1
PCB-1248	<0.017		0.017	0.0079	mg/Kg		05/27/25 14:12	05/28/25 18:44	1
PCB-1254	<0.017		0.017	0.0057	mg/Kg		05/27/25 14:12	05/28/25 18:44	1
PCB-1260	<0.017		0.017	0.0063	mg/Kg		05/27/25 14:12	05/28/25 18:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84		49 - 129	05/27/25 14:12	05/28/25 18:44	1
DCB Decachlorobiphenyl	62		37 - 121	05/27/25 14:12	05/28/25 18:44	1

Lab Sample ID: LCS 500-819138/3-A
Matrix: Solid
Analysis Batch: 819281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819138

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.167	0.153		mg/Kg		92	57 - 120		
PCB-1260			0.167	0.153		mg/Kg		92	61 - 125		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	81		49 - 129
DCB Decachlorobiphenyl	56		37 - 121

Lab Sample ID: 500-268736-1 MS
Matrix: Solid
Analysis Batch: 819281

Client Sample ID: 5-B01 (1-5)
Prep Type: Total/NA
Prep Batch: 819138

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	<0.019		0.184	0.149		mg/Kg	☼	81	57 - 120		
PCB-1260	<0.019		0.184	0.171		mg/Kg	☼	93	61 - 125		

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	68		49 - 129
DCB Decachlorobiphenyl	59		37 - 121

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 500-268736-1 MSD
Matrix: Solid
Analysis Batch: 819281

Client Sample ID: 5-B01 (1-5)
Prep Type: Total/NA
Prep Batch: 819138

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	<0.019		0.194	0.173		mg/Kg	☼	89	57 - 120	15	30
PCB-1260	<0.019		0.194	0.211		mg/Kg	☼	109	61 - 125	21	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*72*		*49 - 129*
DCB Decachlorobiphenyl	*75*		*37 - 121*

Method: 6010D - Metals (ICP)

Lab Sample ID: LCS 500-819024/2-A
Matrix: Solid
Analysis Batch: 819212

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819024

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	1.00	0.943		mg/L		94	80 - 120
Manganese	0.500	0.439		mg/L		88	80 - 120

Lab Sample ID: LCS 500-819147/2-A
Matrix: Solid
Analysis Batch: 819411

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819147

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	1.00	0.987		mg/L		99	80 - 120
Arsenic	0.100	0.102		mg/L		102	80 - 120
Silver	0.0500	0.0533		mg/L		107	80 - 120
Chromium	0.200	0.198		mg/L		99	80 - 120

Lab Sample ID: LCS 500-819147/2-A
Matrix: Solid
Analysis Batch: 819606

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819147

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.500	0.474		mg/L		95	80 - 120

Lab Sample ID: MB 500-819171/1-A
Matrix: Solid
Analysis Batch: 819412

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819171

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		05/27/25 18:11	05/28/25 13:38	1
Barium	<1.0		1.0	0.11	mg/Kg		05/27/25 18:11	05/28/25 13:38	1
Beryllium	<0.40		0.40	0.093	mg/Kg		05/27/25 18:11	05/28/25 13:38	1
Boron	0.492	J	5.0	0.47	mg/Kg		05/27/25 18:11	05/28/25 13:38	1
Cadmium	<0.20		0.20	0.036	mg/Kg		05/27/25 18:11	05/28/25 13:38	1
Cobalt	<0.50		0.50	0.13	mg/Kg		05/27/25 18:11	05/28/25 13:38	1
Copper	<1.0		1.0	0.28	mg/Kg		05/27/25 18:11	05/28/25 13:38	1
Iron	<20		20	10	mg/Kg		05/27/25 18:11	05/28/25 13:38	1
Lead	<0.50		0.50	0.23	mg/Kg		05/27/25 18:11	05/28/25 13:38	1
Magnesium	<10		10	5.0	mg/Kg		05/27/25 18:11	05/28/25 13:38	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 500-819171/1-A
Matrix: Solid
Analysis Batch: 819412

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819171

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<1.0		1.0	0.15	mg/Kg		05/27/25 18:11	05/28/25 13:38	1
Nickel	<1.0		1.0	0.29	mg/Kg		05/27/25 18:11	05/28/25 13:38	1
Arsenic	<1.0		1.0	0.34	mg/Kg		05/27/25 18:11	05/28/25 13:38	1
Selenium	<1.0		1.0	0.59	mg/Kg		05/27/25 18:11	05/28/25 13:38	1
Silver	<0.50		0.50	0.13	mg/Kg		05/27/25 18:11	05/28/25 13:38	1
Vanadium	<0.50		0.50	0.12	mg/Kg		05/27/25 18:11	05/28/25 13:38	1
Zinc	1.04	J	2.0	0.88	mg/Kg		05/27/25 18:11	05/28/25 13:38	1
Chromium	<1.0		1.0	0.50	mg/Kg		05/27/25 18:11	05/28/25 13:38	1

Lab Sample ID: MB 500-819171/1-A
Matrix: Solid
Analysis Batch: 819607

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819171

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<1.0		1.0	0.50	mg/Kg		05/27/25 18:11	05/29/25 14:50	1

Lab Sample ID: LCS 500-819171/2-A
Matrix: Solid
Analysis Batch: 819412

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819171

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	48.6		mg/Kg		97	80 - 120
Barium	200	185		mg/Kg		92	80 - 120
Beryllium	5.00	4.66		mg/Kg		93	80 - 120
Boron	100	88.2		mg/Kg		88	80 - 120
Cadmium	5.00	4.58		mg/Kg		92	80 - 120
Cobalt	50.0	46.7		mg/Kg		93	80 - 120
Copper	25.0	23.5		mg/Kg		94	80 - 120
Iron	100	97.3		mg/Kg		97	80 - 120
Lead	10.0	9.54		mg/Kg		95	80 - 120
Magnesium	1000	960		mg/Kg		96	80 - 120
Manganese	50.0	46.0		mg/Kg		92	80 - 120
Nickel	50.0	44.0		mg/Kg		88	80 - 120
Arsenic	10.0	9.35		mg/Kg		94	80 - 120
Selenium	10.0	9.00		mg/Kg		90	80 - 120
Silver	5.00	4.45		mg/Kg		89	80 - 120
Vanadium	50.0	47.2		mg/Kg		94	80 - 120
Zinc	50.0	40.3		mg/Kg		81	80 - 120
Chromium	20.0	18.7		mg/Kg		94	80 - 120

Lab Sample ID: LCS 500-819171/2-A
Matrix: Solid
Analysis Batch: 819607

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819171

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	10.0	9.90		mg/Kg		99	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 500-268736-11 MS
Matrix: Solid
Analysis Batch: 819412

Client Sample ID: 5-B06 (1-5)
Prep Type: Total/NA
Prep Batch: 819171

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.46	J F1	57.7	22.8	F1	mg/Kg	☼	39	75 - 125
Barium	120		231	302		mg/Kg	☼	79	75 - 125
Beryllium	0.46		5.77	5.50		mg/Kg	☼	87	75 - 125
Boron	7.5	B	115	99.4		mg/Kg	☼	80	75 - 125
Cadmium	0.26		5.77	4.97		mg/Kg	☼	82	75 - 125
Copper	10		28.8	37.8		mg/Kg	☼	96	75 - 125
Iron	11000		115	15800	4	mg/Kg	☼	4301	75 - 125
Lead	9.9		11.5	23.4		mg/Kg	☼	117	75 - 125
Magnesium	1600	F1	1150	3670	F1	mg/Kg	☼	182	75 - 125
Manganese	590	F2	57.7	661	4	mg/Kg	☼	126	75 - 125
Nickel	15		57.7	68.0		mg/Kg	☼	93	75 - 125
Arsenic	4.2		11.5	14.8		mg/Kg	☼	92	75 - 125
Selenium	<1.2		11.5	9.17		mg/Kg	☼	79	75 - 125
Silver	1.8		5.77	6.89		mg/Kg	☼	88	75 - 125
Zinc	51	B	57.7	101		mg/Kg	☼	86	75 - 125
Chromium	13	F1	23.1	41.8		mg/Kg	☼	123	75 - 125

Lab Sample ID: 500-268736-11 MS
Matrix: Solid
Analysis Batch: 819607

Client Sample ID: 5-B06 (1-5)
Prep Type: Total/NA
Prep Batch: 819171

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	1.5		11.5	12.6		mg/Kg	☼	96	75 - 125

Lab Sample ID: 500-268736-11 MS
Matrix: Solid
Analysis Batch: 819607

Client Sample ID: 5-B06 (1-5)
Prep Type: Total/NA
Prep Batch: 819171

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	7.9		57.7	64.1		mg/Kg	☼	98	75 - 125
Vanadium	26	F1	57.7	107	F1	mg/Kg	☼	140	75 - 125

Lab Sample ID: 500-268736-11 MSD
Matrix: Solid
Analysis Batch: 819412

Client Sample ID: 5-B06 (1-5)
Prep Type: Total/NA
Prep Batch: 819171

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.46	J F1	61.8	23.6	F1	mg/Kg	☼	37	75 - 125	3	20
Barium	120		247	332		mg/Kg	☼	86	75 - 125	9	20
Beryllium	0.46		6.18	6.09		mg/Kg	☼	91	75 - 125	10	20
Boron	7.5	B	124	107		mg/Kg	☼	81	75 - 125	8	20
Cadmium	0.26		6.18	5.30		mg/Kg	☼	81	75 - 125	6	20
Copper	10		30.9	41.6		mg/Kg	☼	102	75 - 125	9	20
Iron	11000		124	19300	4	mg/Kg	☼	6813	75 - 125	20	20
Lead	9.9		12.4	23.9		mg/Kg	☼	113	75 - 125	2	20
Magnesium	1600	F1	1240	4290	F1	mg/Kg	☼	220	75 - 125	16	20
Manganese	590	F2	61.8	846	4 F2	mg/Kg	☼	415	75 - 125	24	20
Nickel	15		61.8	75.2		mg/Kg	☼	98	75 - 125	10	20
Arsenic	4.2		12.4	15.6		mg/Kg	☼	92	75 - 125	5	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 500-268736-11 MSD
Matrix: Solid
Analysis Batch: 819412

Client Sample ID: 5-B06 (1-5)
Prep Type: Total/NA
Prep Batch: 819171

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium	<1.2		12.4	10.1		mg/Kg	☼	82	75 - 125	10	20
Silver	1.8		6.18	7.78		mg/Kg	☼	97	75 - 125	12	20
Zinc	51	B	61.8	109		mg/Kg	☼	94	75 - 125	8	20
Chromium	13	F1	24.7	47.3	F1	mg/Kg	☼	137	75 - 125	12	20

Lab Sample ID: 500-268736-11 MSD
Matrix: Solid
Analysis Batch: 819607

Client Sample ID: 5-B06 (1-5)
Prep Type: Total/NA
Prep Batch: 819171

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Thallium	1.5		12.4	14.0		mg/Kg	☼	101	75 - 125	10	20

Lab Sample ID: 500-268736-11 MSD
Matrix: Solid
Analysis Batch: 819607

Client Sample ID: 5-B06 (1-5)
Prep Type: Total/NA
Prep Batch: 819171

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cobalt	7.9		61.8	71.9		mg/Kg	☼	104	75 - 125	11	20
Vanadium	26	F1	61.8	121	F1	mg/Kg	☼	154	75 - 125	13	20

Lab Sample ID: 500-268736-11 DU
Matrix: Solid
Analysis Batch: 819412

Client Sample ID: 5-B06 (1-5)
Prep Type: Total/NA
Prep Batch: 819171

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Antimony	0.46	J F1		<2.4		mg/Kg	☼			NC	20
Barium	120			97.6	F3	mg/Kg	☼			21	20
Beryllium	0.46			0.582	F5	mg/Kg	☼			24	20
Boron	7.5	B		8.91		mg/Kg	☼			17	20
Cadmium	0.26			0.153	J F5	mg/Kg	☼			53	20
Copper	10			13.3	F3	mg/Kg	☼			27	20
Iron	11000			16000	F3	mg/Kg	☼			39	20
Lead	9.9			11.8		mg/Kg	☼			17	20
Magnesium	1600	F1		2480	F3	mg/Kg	☼			45	20
Manganese	590	F2		734	F3	mg/Kg	☼			22	20
Nickel	15			17.4		mg/Kg	☼			18	20
Arsenic	4.2			4.86		mg/Kg	☼			14	20
Selenium	<1.2			<1.2		mg/Kg	☼			NC	20
Silver	1.8			2.40	F3	mg/Kg	☼			29	20
Zinc	51	B		51.0		mg/Kg	☼			0.2	20
Chromium	13	F1		19.9	F3	mg/Kg	☼			38	20

Lab Sample ID: 500-268736-11 DU
Matrix: Solid
Analysis Batch: 819607

Client Sample ID: 5-B06 (1-5)
Prep Type: Total/NA
Prep Batch: 819171

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Thallium	1.5			1.67		mg/Kg	☼			9	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 500-268736-11 DU
Matrix: Solid
Analysis Batch: 819607

Client Sample ID: 5-B06 (1-5)
Prep Type: Total/NA
Prep Batch: 819171

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cobalt	7.9		11.1	F3	mg/Kg	☼	34	20
Vanadium	26	F1	43.1	F3	mg/Kg	☼	50	20

Lab Sample ID: MB 500-819172/1-A
Matrix: Solid
Analysis Batch: 819412

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819172

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Barium	<1.0		1.0	0.11	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Beryllium	<0.40		0.40	0.093	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Boron	<5.0		5.0	0.47	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Cadmium	<0.20		0.20	0.036	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Cobalt	<0.50		0.50	0.13	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Copper	<1.0		1.0	0.28	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Iron	10.8	J	20	10	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Lead	<0.50		0.50	0.23	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Magnesium	13.1		10	5.0	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Manganese	0.181	J	1.0	0.15	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Nickel	<1.0		1.0	0.29	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Arsenic	<1.0		1.0	0.34	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Selenium	<1.0		1.0	0.59	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Silver	<0.50		0.50	0.13	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Vanadium	<0.50		0.50	0.12	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Zinc	<2.0		2.0	0.88	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Chromium	<1.0		1.0	0.50	mg/Kg		05/27/25 18:14	05/28/25 15:48	1

Lab Sample ID: MB 500-819172/1-A
Matrix: Solid
Analysis Batch: 819818

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819172

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<1.0		1.0	0.50	mg/Kg		05/27/25 18:14	05/30/25 18:08	1

Lab Sample ID: LCS 500-819172/2-A
Matrix: Solid
Analysis Batch: 819412

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819172

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	47.6		mg/Kg		95	80 - 120
Barium	200	183		mg/Kg		91	80 - 120
Beryllium	5.00	4.54		mg/Kg		91	80 - 120
Boron	100	87.0		mg/Kg		87	80 - 120
Cadmium	5.00	4.49		mg/Kg		90	80 - 120
Cobalt	50.0	46.3		mg/Kg		93	80 - 120
Copper	25.0	23.4		mg/Kg		93	80 - 120
Iron	100	98.8		mg/Kg		99	80 - 120
Lead	10.0	9.51		mg/Kg		95	80 - 120
Magnesium	1000	956		mg/Kg		96	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 500-819172/2-A
Matrix: Solid
Analysis Batch: 819412

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819172

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	50.0	45.0		mg/Kg		90	80 - 120
Nickel	50.0	43.6		mg/Kg		87	80 - 120
Arsenic	10.0	9.32		mg/Kg		93	80 - 120
Selenium	10.0	8.88		mg/Kg		89	80 - 120
Silver	5.00	4.40		mg/Kg		88	80 - 120
Vanadium	50.0	46.8		mg/Kg		94	80 - 120
Zinc	50.0	40.2		mg/Kg		80	80 - 120
Chromium	20.0	18.6		mg/Kg		93	80 - 120

Lab Sample ID: LCS 500-819172/2-A
Matrix: Solid
Analysis Batch: 819818

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819172

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	10.0	10.2		mg/Kg		102	80 - 120

Lab Sample ID: LCS 500-819324/2-A
Matrix: Solid
Analysis Batch: 819607

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819324

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	1.00	0.953		mg/L		95	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120
Silver	0.0500	0.0490		mg/L		98	80 - 120
Chromium	0.200	0.208		mg/L		104	80 - 120

Lab Sample ID: LCS 500-819324/2-A
Matrix: Solid
Analysis Batch: 819818

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819324

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.500	0.481		mg/L		96	80 - 120

Lab Sample ID: LCS 500-819325/2-A
Matrix: Solid
Analysis Batch: 819606

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819325

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	1.00	1.00		mg/L		100	80 - 120
Manganese	0.500	0.490		mg/L		98	80 - 120

Lab Sample ID: LB 500-818903/1-B
Matrix: Solid
Analysis Batch: 819411

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 819147

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.20		0.20	0.082	mg/L		05/27/25 14:42	05/28/25 15:52	1
Arsenic	<0.010		0.010	0.0037	mg/L		05/27/25 14:42	05/28/25 15:52	1
Silver	<0.0050		0.0050	0.0015	mg/L		05/27/25 14:42	05/28/25 15:52	1
Chromium	<0.010		0.010	0.0017	mg/L		05/27/25 14:42	05/28/25 15:52	1

Method: 6010D - Metals (ICP)

Lab Sample ID: LB 500-818903/1-B
Matrix: Solid
Analysis Batch: 819606

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 819147

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		05/27/25 14:42	05/29/25 20:43	1

Lab Sample ID: LB 500-819029/1-B
Matrix: Solid
Analysis Batch: 819607

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 819324

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.0824	J	0.20	0.082	mg/L		05/28/25 13:06	05/29/25 12:47	1
Arsenic	<0.010		0.010	0.0037	mg/L		05/28/25 13:06	05/29/25 12:47	1
Silver	<0.0050		0.0050	0.0015	mg/L		05/28/25 13:06	05/29/25 12:47	1
Chromium	0.00192	J	0.010	0.0017	mg/L		05/28/25 13:06	05/29/25 12:47	1

Lab Sample ID: LB 500-819029/1-B
Matrix: Solid
Analysis Batch: 819818

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 819324

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		05/28/25 13:06	05/30/25 17:04	1

Lab Sample ID: LB 500-818904/1-B
Matrix: Solid
Analysis Batch: 819212

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 819024

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.20		0.20	0.082	mg/L		05/27/25 08:07	05/27/25 22:04	1
Manganese	<0.010		0.010	0.0023	mg/L		05/27/25 08:07	05/27/25 22:04	1

Lab Sample ID: 500-268736-1 MS
Matrix: Solid
Analysis Batch: 819212

Client Sample ID: 5-B01 (1-5)
Prep Type: SPLP East
Prep Batch: 819024

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	10		1.00	12.1	4	mg/L		175	75 - 125
Manganese	0.082		0.500	0.524		mg/L		88	75 - 125

Lab Sample ID: 500-268736-1 DU
Matrix: Solid
Analysis Batch: 819212

Client Sample ID: 5-B01 (1-5)
Prep Type: SPLP East
Prep Batch: 819024

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Iron	10		10.7		mg/L		3	20
Manganese	0.082		0.0837		mg/L		2	20

Lab Sample ID: LB 500-819030/1-B
Matrix: Solid
Analysis Batch: 819606

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 819325

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.20		0.20	0.082	mg/L		05/28/25 13:08	05/29/25 11:40	1
Manganese	<0.010		0.010	0.0023	mg/L		05/28/25 13:08	05/29/25 11:40	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-819663/12-A
Matrix: Solid
Analysis Batch: 819879

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819663

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0069	mg/Kg		05/30/25 15:05	06/02/25 08:06	1

Lab Sample ID: LCS 500-819663/13-A
Matrix: Solid
Analysis Batch: 819879

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819663

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.167	0.162		mg/Kg		97	80 - 120		

Lab Sample ID: 500-268736-11 MS
Matrix: Solid
Analysis Batch: 819879

Client Sample ID: 5-B06 (1-5)
Prep Type: Total/NA
Prep Batch: 819663

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.028		0.0994	0.136		mg/Kg	☼	109	75 - 125		

Lab Sample ID: 500-268736-11 MSD
Matrix: Solid
Analysis Batch: 819879

Client Sample ID: 5-B06 (1-5)
Prep Type: Total/NA
Prep Batch: 819663

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.028		0.0995	0.138		mg/Kg	☼	111	75 - 125	2	20

Lab Sample ID: 500-268736-11 DU
Matrix: Solid
Analysis Batch: 819879

Client Sample ID: 5-B06 (1-5)
Prep Type: Total/NA
Prep Batch: 819663

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.028			0.0291		mg/Kg	☼			5	20

Lab Sample ID: MB 500-819664/12-A
Matrix: Solid
Analysis Batch: 819879

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819664

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0069	mg/Kg		05/30/25 15:05	06/02/25 08:59	1

Lab Sample ID: LCS 500-819664/13-A
Matrix: Solid
Analysis Batch: 819879

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819664

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.167	0.162		mg/Kg		97	80 - 120		

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 500-819091/1-A
Matrix: Solid
Analysis Batch: 819288

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819091

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		05/27/25 13:12	05/28/25 08:57	1

Lab Sample ID: LCS 500-819091/2-A
Matrix: Solid
Analysis Batch: 819288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819091

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.14		mg/Kg		89	85 - 115

Lab Sample ID: 500-268736-3 MS
Matrix: Solid
Analysis Batch: 819288

Client Sample ID: 5-B02 (1-3)
Prep Type: Total/NA
Prep Batch: 819091

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	<0.27		2.35	2.07		mg/Kg	☼	88	75 - 125

Lab Sample ID: 500-268736-3 MSD
Matrix: Solid
Analysis Batch: 819288

Client Sample ID: 5-B02 (1-3)
Prep Type: Total/NA
Prep Batch: 819091

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.27		2.41	1.95		mg/Kg	☼	81	75 - 125	6	20

Lab Sample ID: MB 500-819144/1-A
Matrix: Solid
Analysis Batch: 819288

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819144

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		05/27/25 15:17	05/28/25 09:21	1

Lab Sample ID: LCS 500-819144/2-A
Matrix: Solid
Analysis Batch: 819288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819144

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.18		mg/Kg		91	85 - 115

Lab Sample ID: 500-268736-10 MS
Matrix: Solid
Analysis Batch: 819288

Client Sample ID: 5-B05 (5-12)
Prep Type: Total/NA
Prep Batch: 819144

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	<0.23		2.53	2.40		mg/Kg	☼	95	75 - 125

Lab Sample ID: 500-268736-10 MSD
Matrix: Solid
Analysis Batch: 819288

Client Sample ID: 5-B05 (5-12)
Prep Type: Total/NA
Prep Batch: 819144

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.23		2.59	2.22		mg/Kg	☼	86	75 - 125	8	20

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Method: 9045D - pH

Lab Sample ID: 500-268736-14 DU
Matrix: Solid
Analysis Batch: 818925

Client Sample ID: 5-B07 (5-12)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.3			7.5		SU				2	5

GC/MS VOA

Analysis Batch: 819600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	Total/NA	Solid	8260D	819651
500-268736-2	5-B01 (5-7)	Total/NA	Solid	8260D	819651
500-268736-3	5-B02 (1-3)	Total/NA	Solid	8260D	819745
500-268736-4	5-B03 (1-5)	Total/NA	Solid	8260D	819745
500-268736-5	5-B03 (5-12)	Total/NA	Solid	8260D	819745
500-268736-6	5-B04 (1-5)	Total/NA	Solid	8260D	819745
500-268736-7	5-B04 (5-12)	Total/NA	Solid	8260D	819745
500-268736-8	5-B05 (1-5)	Total/NA	Solid	8260D	819745
500-268736-9	5-B05 (1-5)D	Total/NA	Solid	8260D	819745
500-268736-10	5-B05 (5-12)	Total/NA	Solid	8260D	819745
500-268736-11	5-B06 (1-5)	Total/NA	Solid	8260D	819745
500-268736-12	5-B06 (5-12)	Total/NA	Solid	8260D	819745
500-268736-13	5-B07 (1-5)	Total/NA	Solid	8260D	819745
500-268736-14	5-B07 (5-12)	Total/NA	Solid	8260D	819745
MB 500-819600/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-819600/5	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-819600/8	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 819651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	Total/NA	Solid	5035	
500-268736-2	5-B01 (5-7)	Total/NA	Solid	5035	

Prep Batch: 819745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-3	5-B02 (1-3)	Total/NA	Solid	5035	
500-268736-4	5-B03 (1-5)	Total/NA	Solid	5035	
500-268736-5	5-B03 (5-12)	Total/NA	Solid	5035	
500-268736-6	5-B04 (1-5)	Total/NA	Solid	5035	
500-268736-7	5-B04 (5-12)	Total/NA	Solid	5035	
500-268736-8	5-B05 (1-5)	Total/NA	Solid	5035	
500-268736-9	5-B05 (1-5)D	Total/NA	Solid	5035	
500-268736-10	5-B05 (5-12)	Total/NA	Solid	5035	
500-268736-11	5-B06 (1-5)	Total/NA	Solid	5035	
500-268736-12	5-B06 (5-12)	Total/NA	Solid	5035	
500-268736-13	5-B07 (1-5)	Total/NA	Solid	5035	
500-268736-14	5-B07 (5-12)	Total/NA	Solid	5035	

Analysis Batch: 820175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-15	5-B08 (1-5)	Total/NA	Solid	8260D	820218
500-268736-16	5-B08 (5-12)	Total/NA	Solid	8260D	820218
500-268736-17	5-B09 (1-5)	Total/NA	Solid	8260D	820218
500-268736-18	5-B09 (5-12)	Total/NA	Solid	8260D	820218
500-268736-19	5-B10 (1-5)	Total/NA	Solid	8260D	820218
500-268736-20	5-B10 (1-5)D	Total/NA	Solid	8260D	820218
500-268736-21	5-B10 (5-12)	Total/NA	Solid	8260D	820218
500-268736-22	5-B11 (1-5)	Total/NA	Solid	8260D	820218
500-268736-23	5-B11 (5-12)	Total/NA	Solid	8260D	820218
MB 500-820175/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-820175/4	Lab Control Sample	Total/NA	Solid	8260D	

GC/MS VOA (Continued)

Analysis Batch: 820175 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 500-820175/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 820218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-15	5-B08 (1-5)	Total/NA	Solid	5035	
500-268736-16	5-B08 (5-12)	Total/NA	Solid	5035	
500-268736-17	5-B09 (1-5)	Total/NA	Solid	5035	
500-268736-18	5-B09 (5-12)	Total/NA	Solid	5035	
500-268736-19	5-B10 (1-5)	Total/NA	Solid	5035	
500-268736-20	5-B10 (1-5)D	Total/NA	Solid	5035	
500-268736-21	5-B10 (5-12)	Total/NA	Solid	5035	
500-268736-22	5-B11 (1-5)	Total/NA	Solid	5035	
500-268736-23	5-B11 (5-12)	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 819140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-21	5-B10 (5-12)	Total/NA	Solid	3546	
500-268736-22	5-B11 (1-5)	Total/NA	Solid	3546	
500-268736-23	5-B11 (5-12)	Total/NA	Solid	3546	
MB 500-819140/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-819140/2-A	Lab Control Sample	Total/NA	Solid	3546	

Prep Batch: 819206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	Total/NA	Solid	3546	
500-268736-2	5-B01 (5-7)	Total/NA	Solid	3546	
500-268736-3	5-B02 (1-3)	Total/NA	Solid	3546	
500-268736-4	5-B03 (1-5)	Total/NA	Solid	3546	
500-268736-5	5-B03 (5-12)	Total/NA	Solid	3546	
500-268736-6	5-B04 (1-5)	Total/NA	Solid	3546	
500-268736-7	5-B04 (5-12)	Total/NA	Solid	3546	
500-268736-8	5-B05 (1-5)	Total/NA	Solid	3546	
500-268736-9	5-B05 (1-5)D	Total/NA	Solid	3546	
500-268736-10	5-B05 (5-12)	Total/NA	Solid	3546	
500-268736-11	5-B06 (1-5)	Total/NA	Solid	3546	
500-268736-12	5-B06 (5-12)	Total/NA	Solid	3546	
500-268736-13	5-B07 (1-5)	Total/NA	Solid	3546	
500-268736-14	5-B07 (5-12)	Total/NA	Solid	3546	
500-268736-15	5-B08 (1-5)	Total/NA	Solid	3546	
500-268736-16	5-B08 (5-12)	Total/NA	Solid	3546	
500-268736-17	5-B09 (1-5)	Total/NA	Solid	3546	
500-268736-18	5-B09 (5-12)	Total/NA	Solid	3546	
500-268736-19	5-B10 (1-5)	Total/NA	Solid	3546	
500-268736-20	5-B10 (1-5)D	Total/NA	Solid	3546	
MB 500-819206/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-819206/2-A	Lab Control Sample	Total/NA	Solid	3546	
500-268736-20 MS	5-B10 (1-5)D	Total/NA	Solid	3546	
500-268736-20 MSD	5-B10 (1-5)D	Total/NA	Solid	3546	

GC/MS Semi VOA

Analysis Batch: 819236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-21	5-B10 (5-12)	Total/NA	Solid	8270E	819140
500-268736-22	5-B11 (1-5)	Total/NA	Solid	8270E	819140
500-268736-23	5-B11 (5-12)	Total/NA	Solid	8270E	819140
MB 500-819140/1-A	Method Blank	Total/NA	Solid	8270E	819140
LCS 500-819140/2-A	Lab Control Sample	Total/NA	Solid	8270E	819140

Analysis Batch: 819238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	Total/NA	Solid	8270E	819206
500-268736-2	5-B01 (5-7)	Total/NA	Solid	8270E	819206
500-268736-3	5-B02 (1-3)	Total/NA	Solid	8270E	819206
500-268736-4	5-B03 (1-5)	Total/NA	Solid	8270E	819206
500-268736-5	5-B03 (5-12)	Total/NA	Solid	8270E	819206
500-268736-6	5-B04 (1-5)	Total/NA	Solid	8270E	819206
500-268736-7	5-B04 (5-12)	Total/NA	Solid	8270E	819206
500-268736-8	5-B05 (1-5)	Total/NA	Solid	8270E	819206
500-268736-9	5-B05 (1-5)D	Total/NA	Solid	8270E	819206
500-268736-10	5-B05 (5-12)	Total/NA	Solid	8270E	819206
500-268736-11	5-B06 (1-5)	Total/NA	Solid	8270E	819206
500-268736-12	5-B06 (5-12)	Total/NA	Solid	8270E	819206
500-268736-13	5-B07 (1-5)	Total/NA	Solid	8270E	819206
500-268736-14	5-B07 (5-12)	Total/NA	Solid	8270E	819206
500-268736-15	5-B08 (1-5)	Total/NA	Solid	8270E	819206
500-268736-16	5-B08 (5-12)	Total/NA	Solid	8270E	819206
500-268736-17	5-B09 (1-5)	Total/NA	Solid	8270E	819206
500-268736-18	5-B09 (5-12)	Total/NA	Solid	8270E	819206
500-268736-19	5-B10 (1-5)	Total/NA	Solid	8270E	819206
MB 500-819206/1-A	Method Blank	Total/NA	Solid	8270E	819206
LCS 500-819206/2-A	Lab Control Sample	Total/NA	Solid	8270E	819206

Analysis Batch: 819416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-20	5-B10 (1-5)D	Total/NA	Solid	8270E	819206
500-268736-20 MS	5-B10 (1-5)D	Total/NA	Solid	8270E	819206
500-268736-20 MSD	5-B10 (1-5)D	Total/NA	Solid	8270E	819206

GC Semi VOA

Prep Batch: 819138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	Total/NA	Solid	3541	
500-268736-3	5-B02 (1-3)	Total/NA	Solid	3541	
500-268736-4	5-B03 (1-5)	Total/NA	Solid	3541	
500-268736-6	5-B04 (1-5)	Total/NA	Solid	3541	
500-268736-8	5-B05 (1-5)	Total/NA	Solid	3541	
500-268736-9	5-B05 (1-5)D	Total/NA	Solid	3541	
500-268736-11	5-B06 (1-5)	Total/NA	Solid	3541	
500-268736-13	5-B07 (1-5)	Total/NA	Solid	3541	
500-268736-15	5-B08 (1-5)	Total/NA	Solid	3541	
500-268736-17	5-B09 (1-5)	Total/NA	Solid	3541	
500-268736-19	5-B10 (1-5)	Total/NA	Solid	3541	

GC Semi VOA (Continued)

Prep Batch: 819138 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-20	5-B10 (1-5)D	Total/NA	Solid	3541	
500-268736-22	5-B11 (1-5)	Total/NA	Solid	3541	
MB 500-819138/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-819138/2-A	Lab Control Sample	Total/NA	Solid	3541	
LCS 500-819138/3-A	Lab Control Sample	Total/NA	Solid	3541	
500-268736-1 MS	5-B01 (1-5)	Total/NA	Solid	3541	
500-268736-1 MS	5-B01 (1-5)	Total/NA	Solid	3541	
500-268736-1 MSD	5-B01 (1-5)	Total/NA	Solid	3541	
500-268736-1 MSD	5-B01 (1-5)	Total/NA	Solid	3541	

Analysis Batch: 819281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	Total/NA	Solid	8082A	819138
500-268736-3	5-B02 (1-3)	Total/NA	Solid	8082A	819138
500-268736-4	5-B03 (1-5)	Total/NA	Solid	8082A	819138
500-268736-6	5-B04 (1-5)	Total/NA	Solid	8082A	819138
500-268736-8	5-B05 (1-5)	Total/NA	Solid	8082A	819138
500-268736-9	5-B05 (1-5)D	Total/NA	Solid	8082A	819138
500-268736-11	5-B06 (1-5)	Total/NA	Solid	8082A	819138
500-268736-13	5-B07 (1-5)	Total/NA	Solid	8082A	819138
500-268736-15	5-B08 (1-5)	Total/NA	Solid	8082A	819138
500-268736-17	5-B09 (1-5)	Total/NA	Solid	8082A	819138
500-268736-19	5-B10 (1-5)	Total/NA	Solid	8082A	819138
500-268736-20	5-B10 (1-5)D	Total/NA	Solid	8082A	819138
500-268736-22	5-B11 (1-5)	Total/NA	Solid	8082A	819138
MB 500-819138/1-A	Method Blank	Total/NA	Solid	8082A	819138
LCS 500-819138/3-A	Lab Control Sample	Total/NA	Solid	8082A	819138
500-268736-1 MS	5-B01 (1-5)	Total/NA	Solid	8082A	819138
500-268736-1 MSD	5-B01 (1-5)	Total/NA	Solid	8082A	819138

Analysis Batch: 819327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	Total/NA	Solid	8081B	819138
500-268736-8	5-B05 (1-5)	Total/NA	Solid	8081B	819138
500-268736-9	5-B05 (1-5)D	Total/NA	Solid	8081B	819138
500-268736-17	5-B09 (1-5)	Total/NA	Solid	8081B	819138
500-268736-19	5-B10 (1-5)	Total/NA	Solid	8081B	819138
500-268736-20	5-B10 (1-5)D	Total/NA	Solid	8081B	819138
500-268736-22	5-B11 (1-5)	Total/NA	Solid	8081B	819138
MB 500-819138/1-A	Method Blank	Total/NA	Solid	8081B	819138
LCS 500-819138/2-A	Lab Control Sample	Total/NA	Solid	8081B	819138
500-268736-1 MS	5-B01 (1-5)	Total/NA	Solid	8081B	819138
500-268736-1 MSD	5-B01 (1-5)	Total/NA	Solid	8081B	819138

Analysis Batch: 819669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-3	5-B02 (1-3)	Total/NA	Solid	8081B	819138
500-268736-4	5-B03 (1-5)	Total/NA	Solid	8081B	819138
500-268736-6	5-B04 (1-5)	Total/NA	Solid	8081B	819138
500-268736-11	5-B06 (1-5)	Total/NA	Solid	8081B	819138
500-268736-13	5-B07 (1-5)	Total/NA	Solid	8081B	819138

GC Semi VOA (Continued)

Analysis Batch: 819669 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-15	5-B08 (1-5)	Total/NA	Solid	8081B	819138

Metals

Leach Batch: 818903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	TCLP	Solid	1311	
500-268736-2	5-B01 (5-7)	TCLP	Solid	1311	
500-268736-3	5-B02 (1-3)	TCLP	Solid	1311	
500-268736-4	5-B03 (1-5)	TCLP	Solid	1311	
500-268736-5	5-B03 (5-12)	TCLP	Solid	1311	
500-268736-6	5-B04 (1-5)	TCLP	Solid	1311	
500-268736-7	5-B04 (5-12)	TCLP	Solid	1311	
500-268736-8	5-B05 (1-5)	TCLP	Solid	1311	
500-268736-9	5-B05 (1-5)D	TCLP	Solid	1311	
500-268736-10	5-B05 (5-12)	TCLP	Solid	1311	
500-268736-11	5-B06 (1-5)	TCLP	Solid	1311	
500-268736-12	5-B06 (5-12)	TCLP	Solid	1311	
500-268736-13	5-B07 (1-5)	TCLP	Solid	1311	
500-268736-14	5-B07 (5-12)	TCLP	Solid	1311	
LB 500-818903/1-B	Method Blank	TCLP	Solid	1311	

Leach Batch: 818904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	SPLP East	Solid	1312	
500-268736-2	5-B01 (5-7)	SPLP East	Solid	1312	
500-268736-3	5-B02 (1-3)	SPLP East	Solid	1312	
500-268736-4	5-B03 (1-5)	SPLP East	Solid	1312	
500-268736-5	5-B03 (5-12)	SPLP East	Solid	1312	
500-268736-6	5-B04 (1-5)	SPLP East	Solid	1312	
500-268736-7	5-B04 (5-12)	SPLP East	Solid	1312	
500-268736-8	5-B05 (1-5)	SPLP East	Solid	1312	
500-268736-9	5-B05 (1-5)D	SPLP East	Solid	1312	
500-268736-10	5-B05 (5-12)	SPLP East	Solid	1312	
500-268736-11	5-B06 (1-5)	SPLP East	Solid	1312	
500-268736-12	5-B06 (5-12)	SPLP East	Solid	1312	
500-268736-13	5-B07 (1-5)	SPLP East	Solid	1312	
500-268736-14	5-B07 (5-12)	SPLP East	Solid	1312	
LB 500-818904/1-B	Method Blank	SPLP East	Solid	1312	
500-268736-1 MS	5-B01 (1-5)	SPLP East	Solid	1312	
500-268736-1 DU	5-B01 (1-5)	SPLP East	Solid	1312	

Prep Batch: 819024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	SPLP East	Solid	3010A	818904
500-268736-2	5-B01 (5-7)	SPLP East	Solid	3010A	818904
500-268736-3	5-B02 (1-3)	SPLP East	Solid	3010A	818904
500-268736-4	5-B03 (1-5)	SPLP East	Solid	3010A	818904
500-268736-5	5-B03 (5-12)	SPLP East	Solid	3010A	818904
500-268736-6	5-B04 (1-5)	SPLP East	Solid	3010A	818904
500-268736-7	5-B04 (5-12)	SPLP East	Solid	3010A	818904

Metals (Continued)

Prep Batch: 819024 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-8	5-B05 (1-5)	SPLP East	Solid	3010A	818904
500-268736-9	5-B05 (1-5)D	SPLP East	Solid	3010A	818904
500-268736-10	5-B05 (5-12)	SPLP East	Solid	3010A	818904
500-268736-11	5-B06 (1-5)	SPLP East	Solid	3010A	818904
500-268736-12	5-B06 (5-12)	SPLP East	Solid	3010A	818904
500-268736-13	5-B07 (1-5)	SPLP East	Solid	3010A	818904
500-268736-14	5-B07 (5-12)	SPLP East	Solid	3010A	818904
LB 500-818904/1-B	Method Blank	SPLP East	Solid	3010A	818904
LCS 500-819024/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-268736-1 MS	5-B01 (1-5)	SPLP East	Solid	3010A	818904
500-268736-1 DU	5-B01 (1-5)	SPLP East	Solid	3010A	818904

Leach Batch: 819029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-15	5-B08 (1-5)	TCLP	Solid	1311	
500-268736-16	5-B08 (5-12)	TCLP	Solid	1311	
500-268736-17	5-B09 (1-5)	TCLP	Solid	1311	
500-268736-18	5-B09 (5-12)	TCLP	Solid	1311	
500-268736-19	5-B10 (1-5)	TCLP	Solid	1311	
500-268736-20	5-B10 (1-5)D	TCLP	Solid	1311	
500-268736-21	5-B10 (5-12)	TCLP	Solid	1311	
500-268736-22	5-B11 (1-5)	TCLP	Solid	1311	
500-268736-23	5-B11 (5-12)	TCLP	Solid	1311	
LB 500-819029/1-B	Method Blank	TCLP	Solid	1311	

Leach Batch: 819030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-15	5-B08 (1-5)	SPLP East	Solid	1312	
500-268736-16	5-B08 (5-12)	SPLP East	Solid	1312	
500-268736-18	5-B09 (5-12)	SPLP East	Solid	1312	
500-268736-21	5-B10 (5-12)	SPLP East	Solid	1312	
500-268736-23	5-B11 (5-12)	SPLP East	Solid	1312	
LB 500-819030/1-B	Method Blank	SPLP East	Solid	1312	

Prep Batch: 819147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	TCLP	Solid	3010A	818903
500-268736-2	5-B01 (5-7)	TCLP	Solid	3010A	818903
500-268736-3	5-B02 (1-3)	TCLP	Solid	3010A	818903
500-268736-4	5-B03 (1-5)	TCLP	Solid	3010A	818903
500-268736-5	5-B03 (5-12)	TCLP	Solid	3010A	818903
500-268736-6	5-B04 (1-5)	TCLP	Solid	3010A	818903
500-268736-7	5-B04 (5-12)	TCLP	Solid	3010A	818903
500-268736-8	5-B05 (1-5)	TCLP	Solid	3010A	818903
500-268736-9	5-B05 (1-5)D	TCLP	Solid	3010A	818903
500-268736-10	5-B05 (5-12)	TCLP	Solid	3010A	818903
500-268736-11	5-B06 (1-5)	TCLP	Solid	3010A	818903
500-268736-12	5-B06 (5-12)	TCLP	Solid	3010A	818903
500-268736-13	5-B07 (1-5)	TCLP	Solid	3010A	818903
500-268736-14	5-B07 (5-12)	TCLP	Solid	3010A	818903
LB 500-818903/1-B	Method Blank	TCLP	Solid	3010A	818903

Metals (Continued)

Prep Batch: 819147 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-819147/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 819171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-11	5-B06 (1-5)	Total/NA	Solid	3050B	
500-268736-12	5-B06 (5-12)	Total/NA	Solid	3050B	
500-268736-13	5-B07 (1-5)	Total/NA	Solid	3050B	
500-268736-14	5-B07 (5-12)	Total/NA	Solid	3050B	
500-268736-15	5-B08 (1-5)	Total/NA	Solid	3050B	
500-268736-16	5-B08 (5-12)	Total/NA	Solid	3050B	
500-268736-17	5-B09 (1-5)	Total/NA	Solid	3050B	
500-268736-18	5-B09 (5-12)	Total/NA	Solid	3050B	
500-268736-19	5-B10 (1-5)	Total/NA	Solid	3050B	
500-268736-20	5-B10 (1-5)D	Total/NA	Solid	3050B	
500-268736-21	5-B10 (5-12)	Total/NA	Solid	3050B	
500-268736-22	5-B11 (1-5)	Total/NA	Solid	3050B	
500-268736-23	5-B11 (5-12)	Total/NA	Solid	3050B	
MB 500-819171/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-819171/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-268736-11 MS	5-B06 (1-5)	Total/NA	Solid	3050B	
500-268736-11 MSD	5-B06 (1-5)	Total/NA	Solid	3050B	
500-268736-11 DU	5-B06 (1-5)	Total/NA	Solid	3050B	

Prep Batch: 819172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	Total/NA	Solid	3050B	
500-268736-2	5-B01 (5-7)	Total/NA	Solid	3050B	
500-268736-3	5-B02 (1-3)	Total/NA	Solid	3050B	
500-268736-4	5-B03 (1-5)	Total/NA	Solid	3050B	
500-268736-5	5-B03 (5-12)	Total/NA	Solid	3050B	
500-268736-6	5-B04 (1-5)	Total/NA	Solid	3050B	
500-268736-7	5-B04 (5-12)	Total/NA	Solid	3050B	
500-268736-8	5-B05 (1-5)	Total/NA	Solid	3050B	
500-268736-9	5-B05 (1-5)D	Total/NA	Solid	3050B	
500-268736-10	5-B05 (5-12)	Total/NA	Solid	3050B	
MB 500-819172/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-819172/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 819212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	SPLP East	Solid	6010D	819024
500-268736-2	5-B01 (5-7)	SPLP East	Solid	6010D	819024
500-268736-3	5-B02 (1-3)	SPLP East	Solid	6010D	819024
500-268736-4	5-B03 (1-5)	SPLP East	Solid	6010D	819024
500-268736-5	5-B03 (5-12)	SPLP East	Solid	6010D	819024
500-268736-6	5-B04 (1-5)	SPLP East	Solid	6010D	819024
500-268736-7	5-B04 (5-12)	SPLP East	Solid	6010D	819024
500-268736-8	5-B05 (1-5)	SPLP East	Solid	6010D	819024
500-268736-9	5-B05 (1-5)D	SPLP East	Solid	6010D	819024
500-268736-10	5-B05 (5-12)	SPLP East	Solid	6010D	819024
500-268736-11	5-B06 (1-5)	SPLP East	Solid	6010D	819024

Metals (Continued)

Analysis Batch: 819212 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-12	5-B06 (5-12)	SPLP East	Solid	6010D	819024
500-268736-13	5-B07 (1-5)	SPLP East	Solid	6010D	819024
500-268736-14	5-B07 (5-12)	SPLP East	Solid	6010D	819024
LB 500-818904/1-B	Method Blank	SPLP East	Solid	6010D	819024
LCS 500-819024/2-A	Lab Control Sample	Total/NA	Solid	6010D	819024
500-268736-1 MS	5-B01 (1-5)	SPLP East	Solid	6010D	819024
500-268736-1 DU	5-B01 (1-5)	SPLP East	Solid	6010D	819024

Prep Batch: 819324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-15	5-B08 (1-5)	TCLP	Solid	3010A	819029
500-268736-16	5-B08 (5-12)	TCLP	Solid	3010A	819029
500-268736-17	5-B09 (1-5)	TCLP	Solid	3010A	819029
500-268736-18	5-B09 (5-12)	TCLP	Solid	3010A	819029
500-268736-19	5-B10 (1-5)	TCLP	Solid	3010A	819029
500-268736-20	5-B10 (1-5)D	TCLP	Solid	3010A	819029
500-268736-21	5-B10 (5-12)	TCLP	Solid	3010A	819029
500-268736-22	5-B11 (1-5)	TCLP	Solid	3010A	819029
500-268736-23	5-B11 (5-12)	TCLP	Solid	3010A	819029
LB 500-819029/1-B	Method Blank	TCLP	Solid	3010A	819029
LCS 500-819324/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 819325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-15	5-B08 (1-5)	SPLP East	Solid	3010A	819030
500-268736-16	5-B08 (5-12)	SPLP East	Solid	3010A	819030
500-268736-18	5-B09 (5-12)	SPLP East	Solid	3010A	819030
500-268736-21	5-B10 (5-12)	SPLP East	Solid	3010A	819030
500-268736-23	5-B11 (5-12)	SPLP East	Solid	3010A	819030
LB 500-819030/1-B	Method Blank	SPLP East	Solid	3010A	819030
LCS 500-819325/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 819411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	TCLP	Solid	6010D	819147
500-268736-2	5-B01 (5-7)	TCLP	Solid	6010D	819147
500-268736-3	5-B02 (1-3)	TCLP	Solid	6010D	819147
500-268736-4	5-B03 (1-5)	TCLP	Solid	6010D	819147
500-268736-5	5-B03 (5-12)	TCLP	Solid	6010D	819147
500-268736-6	5-B04 (1-5)	TCLP	Solid	6010D	819147
500-268736-7	5-B04 (5-12)	TCLP	Solid	6010D	819147
500-268736-8	5-B05 (1-5)	TCLP	Solid	6010D	819147
500-268736-9	5-B05 (1-5)D	TCLP	Solid	6010D	819147
500-268736-10	5-B05 (5-12)	TCLP	Solid	6010D	819147
500-268736-11	5-B06 (1-5)	TCLP	Solid	6010D	819147
500-268736-12	5-B06 (5-12)	TCLP	Solid	6010D	819147
500-268736-13	5-B07 (1-5)	TCLP	Solid	6010D	819147
500-268736-14	5-B07 (5-12)	TCLP	Solid	6010D	819147
LB 500-818903/1-B	Method Blank	TCLP	Solid	6010D	819147
LCS 500-819147/2-A	Lab Control Sample	Total/NA	Solid	6010D	819147

Metals

Analysis Batch: 819412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	Total/NA	Solid	6010D	819172
500-268736-2	5-B01 (5-7)	Total/NA	Solid	6010D	819172
500-268736-3	5-B02 (1-3)	Total/NA	Solid	6010D	819172
500-268736-4	5-B03 (1-5)	Total/NA	Solid	6010D	819172
500-268736-5	5-B03 (5-12)	Total/NA	Solid	6010D	819172
500-268736-6	5-B04 (1-5)	Total/NA	Solid	6010D	819172
500-268736-7	5-B04 (5-12)	Total/NA	Solid	6010D	819172
500-268736-8	5-B05 (1-5)	Total/NA	Solid	6010D	819172
500-268736-9	5-B05 (1-5)D	Total/NA	Solid	6010D	819172
500-268736-10	5-B05 (5-12)	Total/NA	Solid	6010D	819172
500-268736-11	5-B06 (1-5)	Total/NA	Solid	6010D	819171
500-268736-12	5-B06 (5-12)	Total/NA	Solid	6010D	819171
500-268736-13	5-B07 (1-5)	Total/NA	Solid	6010D	819171
500-268736-14	5-B07 (5-12)	Total/NA	Solid	6010D	819171
500-268736-15	5-B08 (1-5)	Total/NA	Solid	6010D	819171
500-268736-16	5-B08 (5-12)	Total/NA	Solid	6010D	819171
500-268736-17	5-B09 (1-5)	Total/NA	Solid	6010D	819171
500-268736-18	5-B09 (5-12)	Total/NA	Solid	6010D	819171
500-268736-19	5-B10 (1-5)	Total/NA	Solid	6010D	819171
500-268736-20	5-B10 (1-5)D	Total/NA	Solid	6010D	819171
500-268736-21	5-B10 (5-12)	Total/NA	Solid	6010D	819171
500-268736-22	5-B11 (1-5)	Total/NA	Solid	6010D	819171
500-268736-23	5-B11 (5-12)	Total/NA	Solid	6010D	819171
MB 500-819171/1-A	Method Blank	Total/NA	Solid	6010D	819171
MB 500-819172/1-A	Method Blank	Total/NA	Solid	6010D	819172
LCS 500-819171/2-A	Lab Control Sample	Total/NA	Solid	6010D	819171
LCS 500-819172/2-A	Lab Control Sample	Total/NA	Solid	6010D	819172
500-268736-11 MS	5-B06 (1-5)	Total/NA	Solid	6010D	819171
500-268736-11 MSD	5-B06 (1-5)	Total/NA	Solid	6010D	819171
500-268736-11 DU	5-B06 (1-5)	Total/NA	Solid	6010D	819171

Analysis Batch: 819606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-4	5-B03 (1-5)	TCLP	Solid	6010D	819147
500-268736-10	5-B05 (5-12)	TCLP	Solid	6010D	819147
500-268736-15	5-B08 (1-5)	SPLP East	Solid	6010D	819325
500-268736-16	5-B08 (5-12)	SPLP East	Solid	6010D	819325
500-268736-18	5-B09 (5-12)	SPLP East	Solid	6010D	819325
500-268736-21	5-B10 (5-12)	SPLP East	Solid	6010D	819325
500-268736-23	5-B11 (5-12)	SPLP East	Solid	6010D	819325
LB 500-818903/1-B	Method Blank	TCLP	Solid	6010D	819147
LB 500-819030/1-B	Method Blank	SPLP East	Solid	6010D	819325
LCS 500-819147/2-A	Lab Control Sample	Total/NA	Solid	6010D	819147
LCS 500-819325/2-A	Lab Control Sample	Total/NA	Solid	6010D	819325

Analysis Batch: 819607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-11	5-B06 (1-5)	Total/NA	Solid	6010D	819171
500-268736-11	5-B06 (1-5)	Total/NA	Solid	6010D	819171
500-268736-12	5-B06 (5-12)	Total/NA	Solid	6010D	819171
500-268736-13	5-B07 (1-5)	Total/NA	Solid	6010D	819171

Metals (Continued)

Analysis Batch: 819607 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-14	5-B07 (5-12)	Total/NA	Solid	6010D	819171
500-268736-15	5-B08 (1-5)	TCLP	Solid	6010D	819324
500-268736-15	5-B08 (1-5)	Total/NA	Solid	6010D	819171
500-268736-16	5-B08 (5-12)	TCLP	Solid	6010D	819324
500-268736-16	5-B08 (5-12)	Total/NA	Solid	6010D	819171
500-268736-17	5-B09 (1-5)	TCLP	Solid	6010D	819324
500-268736-17	5-B09 (1-5)	Total/NA	Solid	6010D	819171
500-268736-17	5-B09 (1-5)	Total/NA	Solid	6010D	819171
500-268736-18	5-B09 (5-12)	TCLP	Solid	6010D	819324
500-268736-18	5-B09 (5-12)	Total/NA	Solid	6010D	819171
500-268736-19	5-B10 (1-5)	TCLP	Solid	6010D	819324
500-268736-19	5-B10 (1-5)	Total/NA	Solid	6010D	819171
500-268736-19	5-B10 (1-5)	Total/NA	Solid	6010D	819171
500-268736-20	5-B10 (1-5)D	TCLP	Solid	6010D	819324
500-268736-20	5-B10 (1-5)D	Total/NA	Solid	6010D	819171
500-268736-20	5-B10 (1-5)D	Total/NA	Solid	6010D	819171
500-268736-21	5-B10 (5-12)	TCLP	Solid	6010D	819324
500-268736-21	5-B10 (5-12)	Total/NA	Solid	6010D	819171
500-268736-22	5-B11 (1-5)	TCLP	Solid	6010D	819324
500-268736-22	5-B11 (1-5)	Total/NA	Solid	6010D	819171
500-268736-22	5-B11 (1-5)	Total/NA	Solid	6010D	819171
500-268736-23	5-B11 (5-12)	TCLP	Solid	6010D	819324
500-268736-23	5-B11 (5-12)	Total/NA	Solid	6010D	819171
LB 500-819029/1-B	Method Blank	TCLP	Solid	6010D	819324
MB 500-819171/1-A	Method Blank	Total/NA	Solid	6010D	819171
LCS 500-819171/2-A	Lab Control Sample	Total/NA	Solid	6010D	819171
LCS 500-819324/2-A	Lab Control Sample	Total/NA	Solid	6010D	819324
500-268736-11 MS	5-B06 (1-5)	Total/NA	Solid	6010D	819171
500-268736-11 MS	5-B06 (1-5)	Total/NA	Solid	6010D	819171
500-268736-11 MSD	5-B06 (1-5)	Total/NA	Solid	6010D	819171
500-268736-11 MSD	5-B06 (1-5)	Total/NA	Solid	6010D	819171
500-268736-11 DU	5-B06 (1-5)	Total/NA	Solid	6010D	819171
500-268736-11 DU	5-B06 (1-5)	Total/NA	Solid	6010D	819171

Prep Batch: 819663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	Total/NA	Solid	7471B	
500-268736-2	5-B01 (5-7)	Total/NA	Solid	7471B	
500-268736-3	5-B02 (1-3)	Total/NA	Solid	7471B	
500-268736-4	5-B03 (1-5)	Total/NA	Solid	7471B	
500-268736-5	5-B03 (5-12)	Total/NA	Solid	7471B	
500-268736-6	5-B04 (1-5)	Total/NA	Solid	7471B	
500-268736-7	5-B04 (5-12)	Total/NA	Solid	7471B	
500-268736-8	5-B05 (1-5)	Total/NA	Solid	7471B	
500-268736-9	5-B05 (1-5)D	Total/NA	Solid	7471B	
500-268736-10	5-B05 (5-12)	Total/NA	Solid	7471B	
500-268736-11	5-B06 (1-5)	Total/NA	Solid	7471B	
500-268736-12	5-B06 (5-12)	Total/NA	Solid	7471B	
500-268736-13	5-B07 (1-5)	Total/NA	Solid	7471B	
500-268736-14	5-B07 (5-12)	Total/NA	Solid	7471B	
500-268736-15	5-B08 (1-5)	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 819663 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-16	5-B08 (5-12)	Total/NA	Solid	7471B	
500-268736-17	5-B09 (1-5)	Total/NA	Solid	7471B	
500-268736-18	5-B09 (5-12)	Total/NA	Solid	7471B	
500-268736-19	5-B10 (1-5)	Total/NA	Solid	7471B	
500-268736-20	5-B10 (1-5)D	Total/NA	Solid	7471B	
MB 500-819663/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-819663/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-268736-11 MS	5-B06 (1-5)	Total/NA	Solid	7471B	
500-268736-11 MSD	5-B06 (1-5)	Total/NA	Solid	7471B	
500-268736-11 DU	5-B06 (1-5)	Total/NA	Solid	7471B	

Prep Batch: 819664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-21	5-B10 (5-12)	Total/NA	Solid	7471B	
500-268736-22	5-B11 (1-5)	Total/NA	Solid	7471B	
500-268736-23	5-B11 (5-12)	Total/NA	Solid	7471B	
MB 500-819664/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-819664/13-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 819818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	Total/NA	Solid	6010D	819172
500-268736-2	5-B01 (5-7)	Total/NA	Solid	6010D	819172
500-268736-3	5-B02 (1-3)	Total/NA	Solid	6010D	819172
500-268736-4	5-B03 (1-5)	Total/NA	Solid	6010D	819172
500-268736-5	5-B03 (5-12)	Total/NA	Solid	6010D	819172
500-268736-6	5-B04 (1-5)	Total/NA	Solid	6010D	819172
500-268736-6	5-B04 (1-5)	Total/NA	Solid	6010D	819172
500-268736-7	5-B04 (5-12)	Total/NA	Solid	6010D	819172
500-268736-8	5-B05 (1-5)	Total/NA	Solid	6010D	819172
500-268736-9	5-B05 (1-5)D	Total/NA	Solid	6010D	819172
500-268736-10	5-B05 (5-12)	Total/NA	Solid	6010D	819172
500-268736-15	5-B08 (1-5)	TCLP	Solid	6010D	819324
500-268736-16	5-B08 (5-12)	TCLP	Solid	6010D	819324
500-268736-17	5-B09 (1-5)	TCLP	Solid	6010D	819324
500-268736-18	5-B09 (5-12)	TCLP	Solid	6010D	819324
500-268736-19	5-B10 (1-5)	TCLP	Solid	6010D	819324
500-268736-20	5-B10 (1-5)D	TCLP	Solid	6010D	819324
500-268736-21	5-B10 (5-12)	TCLP	Solid	6010D	819324
500-268736-22	5-B11 (1-5)	TCLP	Solid	6010D	819324
500-268736-23	5-B11 (5-12)	TCLP	Solid	6010D	819324
LB 500-819029/1-B	Method Blank	TCLP	Solid	6010D	819324
MB 500-819172/1-A	Method Blank	Total/NA	Solid	6010D	819172
LCS 500-819172/2-A	Lab Control Sample	Total/NA	Solid	6010D	819172
LCS 500-819324/2-A	Lab Control Sample	Total/NA	Solid	6010D	819324

Analysis Batch: 819879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	Total/NA	Solid	7471B	819663
500-268736-2	5-B01 (5-7)	Total/NA	Solid	7471B	819663
500-268736-3	5-B02 (1-3)	Total/NA	Solid	7471B	819663

Metals (Continued)

Analysis Batch: 819879 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-4	5-B03 (1-5)	Total/NA	Solid	7471B	819663
500-268736-5	5-B03 (5-12)	Total/NA	Solid	7471B	819663
500-268736-6	5-B04 (1-5)	Total/NA	Solid	7471B	819663
500-268736-7	5-B04 (5-12)	Total/NA	Solid	7471B	819663
500-268736-8	5-B05 (1-5)	Total/NA	Solid	7471B	819663
500-268736-9	5-B05 (1-5)D	Total/NA	Solid	7471B	819663
500-268736-10	5-B05 (5-12)	Total/NA	Solid	7471B	819663
500-268736-11	5-B06 (1-5)	Total/NA	Solid	7471B	819663
500-268736-12	5-B06 (5-12)	Total/NA	Solid	7471B	819663
500-268736-13	5-B07 (1-5)	Total/NA	Solid	7471B	819663
500-268736-14	5-B07 (5-12)	Total/NA	Solid	7471B	819663
500-268736-15	5-B08 (1-5)	Total/NA	Solid	7471B	819663
500-268736-16	5-B08 (5-12)	Total/NA	Solid	7471B	819663
500-268736-17	5-B09 (1-5)	Total/NA	Solid	7471B	819663
500-268736-18	5-B09 (5-12)	Total/NA	Solid	7471B	819663
500-268736-19	5-B10 (1-5)	Total/NA	Solid	7471B	819663
500-268736-20	5-B10 (1-5)D	Total/NA	Solid	7471B	819663
500-268736-21	5-B10 (5-12)	Total/NA	Solid	7471B	819664
500-268736-22	5-B11 (1-5)	Total/NA	Solid	7471B	819664
500-268736-23	5-B11 (5-12)	Total/NA	Solid	7471B	819664
MB 500-819663/12-A	Method Blank	Total/NA	Solid	7471B	819663
MB 500-819664/12-A	Method Blank	Total/NA	Solid	7471B	819664
LCS 500-819663/13-A	Lab Control Sample	Total/NA	Solid	7471B	819663
LCS 500-819664/13-A	Lab Control Sample	Total/NA	Solid	7471B	819664
500-268736-11 MS	5-B06 (1-5)	Total/NA	Solid	7471B	819663
500-268736-11 MSD	5-B06 (1-5)	Total/NA	Solid	7471B	819663
500-268736-11 DU	5-B06 (1-5)	Total/NA	Solid	7471B	819663

General Chemistry

Analysis Batch: 818874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	Total/NA	Solid	Moisture	
500-268736-2	5-B01 (5-7)	Total/NA	Solid	Moisture	
500-268736-3	5-B02 (1-3)	Total/NA	Solid	Moisture	
500-268736-4	5-B03 (1-5)	Total/NA	Solid	Moisture	
500-268736-5	5-B03 (5-12)	Total/NA	Solid	Moisture	
500-268736-6	5-B04 (1-5)	Total/NA	Solid	Moisture	
500-268736-7	5-B04 (5-12)	Total/NA	Solid	Moisture	
500-268736-8	5-B05 (1-5)	Total/NA	Solid	Moisture	
500-268736-9	5-B05 (1-5)D	Total/NA	Solid	Moisture	
500-268736-10	5-B05 (5-12)	Total/NA	Solid	Moisture	
500-268736-11	5-B06 (1-5)	Total/NA	Solid	Moisture	
500-268736-12	5-B06 (5-12)	Total/NA	Solid	Moisture	
500-268736-13	5-B07 (1-5)	Total/NA	Solid	Moisture	
500-268736-14	5-B07 (5-12)	Total/NA	Solid	Moisture	
500-268736-15	5-B08 (1-5)	Total/NA	Solid	Moisture	
500-268736-16	5-B08 (5-12)	Total/NA	Solid	Moisture	

General Chemistry

Analysis Batch: 818876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-17	5-B09 (1-5)	Total/NA	Solid	Moisture	
500-268736-18	5-B09 (5-12)	Total/NA	Solid	Moisture	
500-268736-19	5-B10 (1-5)	Total/NA	Solid	Moisture	
500-268736-20	5-B10 (1-5)D	Total/NA	Solid	Moisture	
500-268736-21	5-B10 (5-12)	Total/NA	Solid	Moisture	
500-268736-22	5-B11 (1-5)	Total/NA	Solid	Moisture	
500-268736-23	5-B11 (5-12)	Total/NA	Solid	Moisture	
500-268736-17 DU	5-B09 (1-5)	Total/NA	Solid	Moisture	

Analysis Batch: 818925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	Total/NA	Solid	9045D	
500-268736-2	5-B01 (5-7)	Total/NA	Solid	9045D	
500-268736-3	5-B02 (1-3)	Total/NA	Solid	9045D	
500-268736-4	5-B03 (1-5)	Total/NA	Solid	9045D	
500-268736-5	5-B03 (5-12)	Total/NA	Solid	9045D	
500-268736-6	5-B04 (1-5)	Total/NA	Solid	9045D	
500-268736-7	5-B04 (5-12)	Total/NA	Solid	9045D	
500-268736-8	5-B05 (1-5)	Total/NA	Solid	9045D	
500-268736-9	5-B05 (1-5)D	Total/NA	Solid	9045D	
500-268736-10	5-B05 (5-12)	Total/NA	Solid	9045D	
500-268736-11	5-B06 (1-5)	Total/NA	Solid	9045D	
500-268736-12	5-B06 (5-12)	Total/NA	Solid	9045D	
500-268736-13	5-B07 (1-5)	Total/NA	Solid	9045D	
500-268736-14	5-B07 (5-12)	Total/NA	Solid	9045D	
500-268736-15	5-B08 (1-5)	Total/NA	Solid	9045D	
500-268736-16	5-B08 (5-12)	Total/NA	Solid	9045D	
500-268736-17	5-B09 (1-5)	Total/NA	Solid	9045D	
500-268736-18	5-B09 (5-12)	Total/NA	Solid	9045D	
500-268736-19	5-B10 (1-5)	Total/NA	Solid	9045D	
500-268736-20	5-B10 (1-5)D	Total/NA	Solid	9045D	
500-268736-21	5-B10 (5-12)	Total/NA	Solid	9045D	
500-268736-22	5-B11 (1-5)	Total/NA	Solid	9045D	
500-268736-23	5-B11 (5-12)	Total/NA	Solid	9045D	
LCS 500-818925/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-818925/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-268736-14 DU	5-B07 (5-12)	Total/NA	Solid	9045D	

Prep Batch: 819091

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	Total/NA	Solid	9010C	
500-268736-2	5-B01 (5-7)	Total/NA	Solid	9010C	
500-268736-3	5-B02 (1-3)	Total/NA	Solid	9010C	
500-268736-4	5-B03 (1-5)	Total/NA	Solid	9010C	
500-268736-5	5-B03 (5-12)	Total/NA	Solid	9010C	
500-268736-6	5-B04 (1-5)	Total/NA	Solid	9010C	
500-268736-7	5-B04 (5-12)	Total/NA	Solid	9010C	
500-268736-8	5-B05 (1-5)	Total/NA	Solid	9010C	
500-268736-9	5-B05 (1-5)D	Total/NA	Solid	9010C	
MB 500-819091/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-819091/2-A	Lab Control Sample	Total/NA	Solid	9010C	

General Chemistry (Continued)

Prep Batch: 819091 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-3 MS	5-B02 (1-3)	Total/NA	Solid	9010C	
500-268736-3 MSD	5-B02 (1-3)	Total/NA	Solid	9010C	

Prep Batch: 819144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-10	5-B05 (5-12)	Total/NA	Solid	9010C	
500-268736-11	5-B06 (1-5)	Total/NA	Solid	9010C	
500-268736-12	5-B06 (5-12)	Total/NA	Solid	9010C	
500-268736-13	5-B07 (1-5)	Total/NA	Solid	9010C	
500-268736-14	5-B07 (5-12)	Total/NA	Solid	9010C	
500-268736-15	5-B08 (1-5)	Total/NA	Solid	9010C	
500-268736-16	5-B08 (5-12)	Total/NA	Solid	9010C	
500-268736-17	5-B09 (1-5)	Total/NA	Solid	9010C	
500-268736-18	5-B09 (5-12)	Total/NA	Solid	9010C	
500-268736-19	5-B10 (1-5)	Total/NA	Solid	9010C	
500-268736-20	5-B10 (1-5)D	Total/NA	Solid	9010C	
500-268736-21	5-B10 (5-12)	Total/NA	Solid	9010C	
500-268736-22	5-B11 (1-5)	Total/NA	Solid	9010C	
500-268736-23	5-B11 (5-12)	Total/NA	Solid	9010C	
MB 500-819144/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-819144/2-A	Lab Control Sample	Total/NA	Solid	9010C	
500-268736-10 MS	5-B05 (5-12)	Total/NA	Solid	9010C	
500-268736-10 MSD	5-B05 (5-12)	Total/NA	Solid	9010C	

Analysis Batch: 819288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268736-1	5-B01 (1-5)	Total/NA	Solid	9012B	819091
500-268736-2	5-B01 (5-7)	Total/NA	Solid	9012B	819091
500-268736-3	5-B02 (1-3)	Total/NA	Solid	9012B	819091
500-268736-4	5-B03 (1-5)	Total/NA	Solid	9012B	819091
500-268736-5	5-B03 (5-12)	Total/NA	Solid	9012B	819091
500-268736-6	5-B04 (1-5)	Total/NA	Solid	9012B	819091
500-268736-7	5-B04 (5-12)	Total/NA	Solid	9012B	819091
500-268736-8	5-B05 (1-5)	Total/NA	Solid	9012B	819091
500-268736-9	5-B05 (1-5)D	Total/NA	Solid	9012B	819091
500-268736-10	5-B05 (5-12)	Total/NA	Solid	9012B	819144
500-268736-11	5-B06 (1-5)	Total/NA	Solid	9012B	819144
500-268736-12	5-B06 (5-12)	Total/NA	Solid	9012B	819144
500-268736-13	5-B07 (1-5)	Total/NA	Solid	9012B	819144
500-268736-14	5-B07 (5-12)	Total/NA	Solid	9012B	819144
500-268736-15	5-B08 (1-5)	Total/NA	Solid	9012B	819144
500-268736-16	5-B08 (5-12)	Total/NA	Solid	9012B	819144
500-268736-17	5-B09 (1-5)	Total/NA	Solid	9012B	819144
500-268736-18	5-B09 (5-12)	Total/NA	Solid	9012B	819144
500-268736-19	5-B10 (1-5)	Total/NA	Solid	9012B	819144
500-268736-20	5-B10 (1-5)D	Total/NA	Solid	9012B	819144
500-268736-21	5-B10 (5-12)	Total/NA	Solid	9012B	819144
500-268736-22	5-B11 (1-5)	Total/NA	Solid	9012B	819144
500-268736-23	5-B11 (5-12)	Total/NA	Solid	9012B	819144
MB 500-819091/1-A	Method Blank	Total/NA	Solid	9012B	819091
MB 500-819144/1-A	Method Blank	Total/NA	Solid	9012B	819144

General Chemistry (Continued)

Analysis Batch: 819288 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-819091/2-A	Lab Control Sample	Total/NA	Solid	9012B	819091
LCS 500-819144/2-A	Lab Control Sample	Total/NA	Solid	9012B	819144
500-268736-3 MS	5-B02 (1-3)	Total/NA	Solid	9012B	819091
500-268736-3 MSD	5-B02 (1-3)	Total/NA	Solid	9012B	819091
500-268736-10 MS	5-B05 (5-12)	Total/NA	Solid	9012B	819144
500-268736-10 MSD	5-B05 (5-12)	Total/NA	Solid	9012B	819144

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B01 (1-5)

Lab Sample ID: 500-268736-1
Date Collected: 05/20/25 13:30
Matrix: Solid
Date Received: 05/22/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			818904	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
SPLP East	Prep	3010A			819024	BDE	EET CHI	05/27/25 08:07 - 05/27/25 14:07 [1]
SPLP East	Analysis	6010D		1	819212	SJ	EET CHI	05/27/25 22:13
TCLP	Leach	1311			818903	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
TCLP	Prep	3010A			819147	S1Z	EET CHI	05/27/25 14:42 - 05/27/25 20:42 [1]
TCLP	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 15:56
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 11:40
Total/NA	Analysis	Moisture		1	818874	RB	EET CHI	05/23/25 10:13

Client Sample ID: 5-B01 (1-5)

Lab Sample ID: 500-268736-1
Date Collected: 05/20/25 13:30
Matrix: Solid
Date Received: 05/22/25 09:45
Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819651	OP	EET CHI	05/22/25 11:10
Total/NA	Analysis	8260D		1	819600	MM	EET CHI	05/30/25 13:25
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		2	819238	H7CM	EET CHI	05/29/25 00:01
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8081B		5	819327	H7CM	EET CHI	05/28/25 15:01
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8082A		1	819281	MS	EET CHI	05/28/25 19:14
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 17:08
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 19:00
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:10
Total/NA	Prep	9010C			819091	AC	EET CHI	05/27/25 13:12 - 05/27/25 13:42 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:11

Client Sample ID: 5-B01 (5-7)

Lab Sample ID: 500-268736-2
Date Collected: 05/20/25 15:50
Matrix: Solid
Date Received: 05/22/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			818904	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
SPLP East	Prep	3010A			819024	BDE	EET CHI	05/27/25 08:07 - 05/27/25 14:07 [1]
SPLP East	Analysis	6010D		1	819212	SJ	EET CHI	05/27/25 22:31
TCLP	Leach	1311			818903	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
TCLP	Prep	3010A			819147	S1Z	EET CHI	05/27/25 14:42 - 05/27/25 20:42 [1]
TCLP	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 16:01
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 11:42
Total/NA	Analysis	Moisture		1	818874	RB	EET CHI	05/23/25 10:13

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B01 (5-7)

Date Collected: 05/20/25 15:50
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-2

Matrix: Solid
Percent Solids: 82.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819651	OP	EET CHI	05/22/25 11:10
Total/NA	Analysis	8260D		1	819600	MM	EET CHI	05/30/25 13:50
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		1	819238	H7CM	EET CHI	05/28/25 20:23
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 17:12
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 19:05
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:12
Total/NA	Prep	9010C			819091	AC	EET CHI	05/27/25 13:12 - 05/27/25 13:42 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:11

Client Sample ID: 5-B02 (1-3)

Date Collected: 05/21/25 09:20
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			818904	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
SPLP East	Prep	3010A			819024	BDE	EET CHI	05/27/25 08:07 - 05/27/25 14:07 [1]
SPLP East	Analysis	6010D		1	819212	SJ	EET CHI	05/27/25 22:35
TCLP	Leach	1311			818903	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
TCLP	Prep	3010A			819147	S1Z	EET CHI	05/27/25 14:42 - 05/27/25 20:42 [1]
TCLP	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 16:06
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 11:45
Total/NA	Analysis	Moisture		1	818874	RB	EET CHI	05/23/25 10:13

Client Sample ID: 5-B02 (1-3)

Date Collected: 05/21/25 09:20
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-3

Matrix: Solid
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819745	PMF	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	819600	MM	EET CHI	05/30/25 16:08
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		1	819238	H7CM	EET CHI	05/28/25 16:45
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8081B		100	819669	BC	EET CHI	05/30/25 15:34
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8082A		1	819281	MS	EET CHI	05/28/25 19:59
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 17:16
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 19:09

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B02 (1-3)

Lab Sample ID: 500-268736-3
Date Collected: 05/21/25 09:20
Matrix: Solid
Date Received: 05/22/25 09:45
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:14
Total/NA	Prep	9010C			819091	AC	EET CHI	05/27/25 13:12 - 05/27/25 13:42 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:13

Client Sample ID: 5-B03 (1-5)

Lab Sample ID: 500-268736-4
Date Collected: 05/21/25 09:50
Matrix: Solid
Date Received: 05/22/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			818904	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
SPLP East	Prep	3010A			819024	BDE	EET CHI	05/27/25 08:07 - 05/27/25 14:07 [1]
SPLP East	Analysis	6010D		1	819212	SJ	EET CHI	05/27/25 22:39
TCLP	Leach	1311			818903	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
TCLP	Prep	3010A			819147	S1Z	EET CHI	05/27/25 14:42 - 05/27/25 20:42 [1]
TCLP	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 16:10
TCLP	Leach	1311			818903	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
TCLP	Prep	3010A			819147	S1Z	EET CHI	05/27/25 14:42 - 05/27/25 20:42 [1]
TCLP	Analysis	6010D		10	819606	SJ	EET CHI	05/29/25 20:52
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 11:49
Total/NA	Analysis	Moisture		1	818874	RB	EET CHI	05/23/25 10:13

Client Sample ID: 5-B03 (1-5)

Lab Sample ID: 500-268736-4
Date Collected: 05/21/25 09:50
Matrix: Solid
Date Received: 05/22/25 09:45
Percent Solids: 78.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819745	PMF	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	819600	MM	EET CHI	05/30/25 16:33
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		1	819238	H7CM	EET CHI	05/28/25 17:09
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8081B		100	819669	BC	EET CHI	05/30/25 15:46
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8082A		1	819281	MS	EET CHI	05/28/25 20:14
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 17:21
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 19:13
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:16
Total/NA	Prep	9010C			819091	AC	EET CHI	05/27/25 13:12 - 05/27/25 13:42 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:16

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B03 (5-12)

Lab Sample ID: 500-268736-5
Matrix: Solid
Date Collected: 05/21/25 09:55
Date Received: 05/22/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			818904	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
SPLP East	Prep	3010A			819024	BDE	EET CHI	05/27/25 08:07 - 05/27/25 14:07 [1]
SPLP East	Analysis	6010D		1	819212	SJ	EET CHI	05/27/25 22:52
TCLP	Leach	1311			818903	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
TCLP	Prep	3010A			819147	S1Z	EET CHI	05/27/25 14:42 - 05/27/25 20:42 [1]
TCLP	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 16:24
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 11:52
Total/NA	Analysis	Moisture		1	818874	RB	EET CHI	05/23/25 10:13

Client Sample ID: 5-B03 (5-12)

Lab Sample ID: 500-268736-5
Matrix: Solid
Date Collected: 05/21/25 09:55
Date Received: 05/22/25 09:45
Percent Solids: 86.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819745	PMF	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	819600	MM	EET CHI	05/30/25 16:58
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		1	819238	H7CM	EET CHI	05/28/25 17:34
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 17:25
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 19:18
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:18
Total/NA	Prep	9010C			819091	AC	EET CHI	05/27/25 13:12 - 05/27/25 13:42 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:18

Client Sample ID: 5-B04 (1-5)

Lab Sample ID: 500-268736-6
Matrix: Solid
Date Collected: 05/21/25 10:30
Date Received: 05/22/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			818904	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
SPLP East	Prep	3010A			819024	BDE	EET CHI	05/27/25 08:07 - 05/27/25 14:07 [1]
SPLP East	Analysis	6010D		1	819212	SJ	EET CHI	05/27/25 22:57
TCLP	Leach	1311			818903	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
TCLP	Prep	3010A			819147	S1Z	EET CHI	05/27/25 14:42 - 05/27/25 20:42 [1]
TCLP	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 16:28
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 11:54
Total/NA	Analysis	Moisture		1	818874	RB	EET CHI	05/23/25 10:13

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B04 (1-5)

Date Collected: 05/21/25 10:30
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-6

Matrix: Solid
Percent Solids: 87.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819745	PMF	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	819600	MM	EET CHI	05/30/25 17:23
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		1	819238	H7CM	EET CHI	05/28/25 17:58
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8081B		100	819669	BC	EET CHI	05/30/25 15:58
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8082A		1	819281	MS	EET CHI	05/28/25 20:29
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 17:29
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 19:31
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		5	819818	SJ	EET CHI	05/30/25 19:35
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:20
Total/NA	Prep	9010C			819091	AC	EET CHI	05/27/25 13:12 - 05/27/25 13:42 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:18

Client Sample ID: 5-B04 (5-12)

Date Collected: 05/21/25 10:35
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			818904	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
SPLP East	Prep	3010A			819024	BDE	EET CHI	05/27/25 08:07 - 05/27/25 14:07 [1]
SPLP East	Analysis	6010D		1	819212	SJ	EET CHI	05/27/25 23:01
TCLP	Leach	1311			818903	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
TCLP	Prep	3010A			819147	S1Z	EET CHI	05/27/25 14:42 - 05/27/25 20:42 [1]
TCLP	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 16:32
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 11:57
Total/NA	Analysis	Moisture		1	818874	RB	EET CHI	05/23/25 10:13

Client Sample ID: 5-B04 (5-12)

Date Collected: 05/21/25 10:35
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-7

Matrix: Solid
Percent Solids: 80.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819745	PMF	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	819600	MM	EET CHI	05/30/25 17:48
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		1	819238	H7CM	EET CHI	05/28/25 18:22
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 17:33

Client Sample ID: 5-B04 (5-12)

Lab Sample ID: 500-268736-7

Date Collected: 05/21/25 10:35
Matrix: Solid
Date Received: 05/22/25 09:45
Percent Solids: 80.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 19:40
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:21
Total/NA	Prep	9010C			819091	AC	EET CHI	05/27/25 13:12 - 05/27/25 13:42 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:18

Client Sample ID: 5-B05 (1-5)

Lab Sample ID: 500-268736-8

Date Collected: 05/21/25 11:05
Matrix: Solid
Date Received: 05/22/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			818904	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
SPLP East	Prep	3010A			819024	BDE	EET CHI	05/27/25 08:07 - 05/27/25 14:07 [1]
SPLP East	Analysis	6010D		1	819212	SJ	EET CHI	05/27/25 23:05
TCLP	Leach	1311			818903	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
TCLP	Prep	3010A			819147	S1Z	EET CHI	05/27/25 14:42 - 05/27/25 20:42 [1]
TCLP	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 16:37
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 11:59
Total/NA	Analysis	Moisture		1	818874	RB	EET CHI	05/23/25 10:13

Client Sample ID: 5-B05 (1-5)

Lab Sample ID: 500-268736-8

Date Collected: 05/21/25 11:05
Matrix: Solid
Date Received: 05/22/25 09:45
Percent Solids: 74.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819745	PMF	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	819600	MM	EET CHI	05/30/25 18:12
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		1	819238	H7CM	EET CHI	05/28/25 18:47
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8081B		1	819327	H7CM	EET CHI	05/28/25 16:12
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8082A		1	819281	MS	EET CHI	05/28/25 20:44
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 17:38
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 19:44
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:27
Total/NA	Prep	9010C			819091	AC	EET CHI	05/27/25 13:12 - 05/27/25 13:42 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:20

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B05 (1-5)D

Lab Sample ID: 500-268736-9
Date Collected: 05/21/25 11:10
Matrix: Solid
Date Received: 05/22/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			818904	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
SPLP East	Prep	3010A			819024	BDE	EET CHI	05/27/25 08:07 - 05/27/25 14:07 [1]
SPLP East	Analysis	6010D		1	819212	SJ	EET CHI	05/27/25 23:10
TCLP	Leach	1311			818903	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
TCLP	Prep	3010A			819147	S1Z	EET CHI	05/27/25 14:42 - 05/27/25 20:42 [1]
TCLP	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 16:41
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 12:02
Total/NA	Analysis	Moisture		1	818874	RB	EET CHI	05/23/25 10:13

Client Sample ID: 5-B05 (1-5)D

Lab Sample ID: 500-268736-9
Date Collected: 05/21/25 11:10
Matrix: Solid
Date Received: 05/22/25 09:45
Percent Solids: 76.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819745	PMF	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	819600	MM	EET CHI	05/30/25 18:37
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		1	819238	H7CM	EET CHI	05/28/25 19:11
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8081B		1	819327	H7CM	EET CHI	05/28/25 16:24
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8082A		1	819281	MS	EET CHI	05/28/25 20:59
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 17:42
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 19:48
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:29
Total/NA	Prep	9010C			819091	AC	EET CHI	05/27/25 13:12 - 05/27/25 13:42 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:20

Client Sample ID: 5-B05 (5-12)

Lab Sample ID: 500-268736-10
Date Collected: 05/21/25 11:15
Matrix: Solid
Date Received: 05/22/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			818904	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
SPLP East	Prep	3010A			819024	BDE	EET CHI	05/27/25 08:07 - 05/27/25 14:07 [1]
SPLP East	Analysis	6010D		1	819212	SJ	EET CHI	05/27/25 23:14
TCLP	Leach	1311			818903	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
TCLP	Prep	3010A			819147	S1Z	EET CHI	05/27/25 14:42 - 05/27/25 20:42 [1]
TCLP	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 16:46
TCLP	Leach	1311			818903	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
TCLP	Prep	3010A			819147	S1Z	EET CHI	05/27/25 14:42 - 05/27/25 20:42 [1]
TCLP	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 20:56

Client Sample ID: 5-B05 (5-12)

Lab Sample ID: 500-268736-10

Date Collected: 05/21/25 11:15

Matrix: Solid

Date Received: 05/22/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 12:04
Total/NA	Analysis	Moisture		1	818874	RB	EET CHI	05/23/25 10:13

Client Sample ID: 5-B05 (5-12)

Lab Sample ID: 500-268736-10

Date Collected: 05/21/25 11:15

Matrix: Solid

Date Received: 05/22/25 09:45

Percent Solids: 91.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819745	PMF	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	819600	MM	EET CHI	05/30/25 19:02
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		2	819238	H7CM	EET CHI	05/28/25 23:37
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 17:55
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 19:53
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:30
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:23

Client Sample ID: 5-B06 (1-5)

Lab Sample ID: 500-268736-11

Date Collected: 05/21/25 12:10

Matrix: Solid

Date Received: 05/22/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			818904	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
SPLP East	Prep	3010A			819024	BDE	EET CHI	05/27/25 08:07 - 05/27/25 14:07 [1]
SPLP East	Analysis	6010D		1	819212	SJ	EET CHI	05/27/25 23:18
TCLP	Leach	1311			818903	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
TCLP	Prep	3010A			819147	S1Z	EET CHI	05/27/25 14:42 - 05/27/25 20:42 [1]
TCLP	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 16:50
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 12:07
Total/NA	Analysis	Moisture		1	818874	RB	EET CHI	05/23/25 10:13

Client Sample ID: 5-B06 (1-5)

Lab Sample ID: 500-268736-11

Date Collected: 05/21/25 12:10

Matrix: Solid

Date Received: 05/22/25 09:45

Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819745	PMF	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	819600	MM	EET CHI	05/30/25 19:27
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		1	819238	H7CM	EET CHI	05/28/25 20:48

Client Sample ID: 5-B06 (1-5)

Lab Sample ID: 500-268736-11

Date Collected: 05/21/25 12:10
Matrix: Solid
Date Received: 05/22/25 09:45
Percent Solids: 80.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8081B		100	819669	BC	EET CHI	05/30/25 16:10
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8082A		1	819281	MS	EET CHI	05/28/25 21:14
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 13:47
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 14:59
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		5	819607	SJ	EET CHI	05/29/25 15:03
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:32
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:27

Client Sample ID: 5-B06 (5-12)

Lab Sample ID: 500-268736-12

Date Collected: 05/21/25 12:15
Matrix: Solid
Date Received: 05/22/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			818904	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
SPLP East	Prep	3010A			819024	BDE	EET CHI	05/27/25 08:07 - 05/27/25 14:07 [1]
SPLP East	Analysis	6010D		1	819212	SJ	EET CHI	05/27/25 23:23
TCLP	Leach	1311			818903	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
TCLP	Prep	3010A			819147	S1Z	EET CHI	05/27/25 14:42 - 05/27/25 20:42 [1]
TCLP	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 16:55
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 12:09
Total/NA	Analysis	Moisture		1	818874	RB	EET CHI	05/23/25 10:13

Client Sample ID: 5-B06 (5-12)

Lab Sample ID: 500-268736-12

Date Collected: 05/21/25 12:15
Matrix: Solid
Date Received: 05/22/25 09:45
Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819745	PMF	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	819600	MM	EET CHI	05/30/25 19:52
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		1	819238	H7CM	EET CHI	05/28/25 21:12
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 14:08
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 15:51
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:39

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B06 (5-12)

Date Collected: 05/21/25 12:15
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-12

Matrix: Solid
Percent Solids: 82.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:28

Client Sample ID: 5-B07 (1-5)

Date Collected: 05/21/25 12:35
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			818904	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
SPLP East	Prep	3010A			819024	BDE	EET CHI	05/27/25 08:07 - 05/27/25 14:07 [1]
SPLP East	Analysis	6010D		1	819212	SJ	EET CHI	05/27/25 23:27
TCLP	Leach	1311			818903	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
TCLP	Prep	3010A			819147	S1Z	EET CHI	05/27/25 14:42 - 05/27/25 20:42 [1]
TCLP	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 16:59
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 12:12
Total/NA	Analysis	Moisture		1	818874	RB	EET CHI	05/23/25 10:13

Client Sample ID: 5-B07 (1-5)

Date Collected: 05/21/25 12:35
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-13

Matrix: Solid
Percent Solids: 84.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819745	PMF	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	819600	MM	EET CHI	05/30/25 20:17
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		1	819238	H7CM	EET CHI	05/28/25 21:36
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8081B		100	819669	BC	EET CHI	05/30/25 16:22
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8082A		1	819281	MS	EET CHI	05/28/25 21:29
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 14:21
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 15:55
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:42
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:28

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B07 (5-12)

Date Collected: 05/21/25 12:40
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			818904	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
SPLP East	Prep	3010A			819024	BDE	EET CHI	05/27/25 08:07 - 05/27/25 14:07 [1]
SPLP East	Analysis	6010D		1	819212	SJ	EET CHI	05/27/25 23:31
TCLP	Leach	1311			818903	JL	EET CHI	05/23/25 15:54 - 05/24/25 09:54 [1]
TCLP	Prep	3010A			819147	S1Z	EET CHI	05/27/25 14:42 - 05/27/25 20:42 [1]
TCLP	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 17:03
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 12:16
Total/NA	Analysis	Moisture		1	818874	RB	EET CHI	05/23/25 10:13

Client Sample ID: 5-B07 (5-12)

Date Collected: 05/21/25 12:40
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-14

Matrix: Solid
Percent Solids: 80.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819745	PMF	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	819600	MM	EET CHI	05/30/25 20:42
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		1	819238	H7CM	EET CHI	05/28/25 22:01
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 14:25
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 15:59
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:43
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:30

Client Sample ID: 5-B08 (1-5)

Date Collected: 05/21/25 13:45
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819030	JL	EET CHI	05/27/25 14:07 - 05/28/25 07:30 [1]
SPLP East	Prep	3010A			819325	MS	EET CHI	05/28/25 13:08 - 05/28/25 19:08 [1]
SPLP East	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 14:36
TCLP	Leach	1311			819029	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819324	MS	EET CHI	05/28/25 13:06 - 05/28/25 19:06 [1]
TCLP	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 13:23
TCLP	Leach	1311			819029	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819324	MS	EET CHI	05/28/25 13:06 - 05/28/25 19:06 [1]
TCLP	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 17:13
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 12:21
Total/NA	Analysis	Moisture		1	818874	RB	EET CHI	05/23/25 10:13

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B08 (1-5)

Lab Sample ID: 500-268736-15
Date Collected: 05/21/25 13:45
Matrix: Solid
Date Received: 05/22/25 09:45
Percent Solids: 84.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			820218	OP	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	820175	MM	EET CHI	06/04/25 12:04
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		1	819238	H7CM	EET CHI	05/28/25 22:25
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8081B		100	819669	BC	EET CHI	05/30/25 16:34
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8082A		1	819281	MS	EET CHI	05/28/25 21:44
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 14:29
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 16:03
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:49
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:30

Client Sample ID: 5-B08 (5-12)

Lab Sample ID: 500-268736-16
Date Collected: 05/21/25 13:50
Matrix: Solid
Date Received: 05/22/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819030	JL	EET CHI	05/27/25 14:07 - 05/28/25 07:30 [1]
SPLP East	Prep	3010A			819325	MS	EET CHI	05/28/25 13:08 - 05/28/25 19:08 [1]
SPLP East	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 14:41
TCLP	Leach	1311			819029	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819324	MS	EET CHI	05/28/25 13:06 - 05/28/25 19:06 [1]
TCLP	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 13:27
TCLP	Leach	1311			819029	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819324	MS	EET CHI	05/28/25 13:06 - 05/28/25 19:06 [1]
TCLP	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 17:17
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 12:24
Total/NA	Analysis	Moisture		1	818874	RB	EET CHI	05/23/25 10:13

Client Sample ID: 5-B08 (5-12)

Lab Sample ID: 500-268736-16
Date Collected: 05/21/25 13:50
Matrix: Solid
Date Received: 05/22/25 09:45
Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			820218	OP	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	820175	MM	EET CHI	06/04/25 12:30
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		1	819238	H7CM	EET CHI	05/28/25 19:35
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 14:34

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B08 (5-12)

Lab Sample ID: 500-268736-16
Date Collected: 05/21/25 13:50
Matrix: Solid
Date Received: 05/22/25 09:45
Percent Solids: 85.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 16:08
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:51
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:30

Client Sample ID: 5-B09 (1-5)

Lab Sample ID: 500-268736-17
Date Collected: 05/21/25 14:30
Matrix: Solid
Date Received: 05/22/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			819029	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819324	MS	EET CHI	05/28/25 13:06 - 05/28/25 19:06 [1]
TCLP	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 13:32
TCLP	Leach	1311			819029	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819324	MS	EET CHI	05/28/25 13:06 - 05/28/25 19:06 [1]
TCLP	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 17:22
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 12:26
Total/NA	Analysis	Moisture		1	818876	RB	EET CHI	05/23/25 10:17

Client Sample ID: 5-B09 (1-5)

Lab Sample ID: 500-268736-17
Date Collected: 05/21/25 14:30
Matrix: Solid
Date Received: 05/22/25 09:45
Percent Solids: 79.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			820218	OP	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	820175	MM	EET CHI	06/04/25 12:55
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		1	819238	H7CM	EET CHI	05/28/25 22:49
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8081B		1	819327	H7CM	EET CHI	05/28/25 17:11
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8082A		1	819281	MS	EET CHI	05/28/25 21:59
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 14:38
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 16:12
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		5	819607	SJ	EET CHI	05/29/25 16:25
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:52
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:32

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B09 (5-12)

Date Collected: 05/21/25 14:35
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819030	JL	EET CHI	05/27/25 14:07 - 05/28/25 07:30 [1]
SPLP East	Prep	3010A			819325	MS	EET CHI	05/28/25 13:08 - 05/28/25 19:08 [1]
SPLP East	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 14:58
TCLP	Leach	1311			819029	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819324	MS	EET CHI	05/28/25 13:06 - 05/28/25 19:06 [1]
TCLP	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 13:36
TCLP	Leach	1311			819029	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819324	MS	EET CHI	05/28/25 13:06 - 05/28/25 19:06 [1]
TCLP	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 17:26
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 12:29
Total/NA	Analysis	Moisture		1	818876	RB	EET CHI	05/23/25 10:17

Client Sample ID: 5-B09 (5-12)

Date Collected: 05/21/25 14:35
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-18

Matrix: Solid
Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			820218	OP	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	820175	MM	EET CHI	06/04/25 13:20
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		1	819238	H7CM	EET CHI	05/28/25 23:13
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 14:42
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 16:29
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:54
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:32

Client Sample ID: 5-B10 (1-5)

Date Collected: 05/21/25 15:10
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			819029	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819324	MS	EET CHI	05/28/25 13:06 - 05/28/25 19:06 [1]
TCLP	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 13:41
TCLP	Leach	1311			819029	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819324	MS	EET CHI	05/28/25 13:06 - 05/28/25 19:06 [1]
TCLP	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 17:31
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 12:31
Total/NA	Analysis	Moisture		1	818876	RB	EET CHI	05/23/25 10:17

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B10 (1-5)

Lab Sample ID: 500-268736-19

Date Collected: 05/21/25 15:10
Date Received: 05/22/25 09:45

Matrix: Solid
Percent Solids: 81.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			820218	OP	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	820175	MM	EET CHI	06/04/25 13:46
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		1	819238	H7CM	EET CHI	05/28/25 19:59
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8081B		1	819327	H7CM	EET CHI	05/28/25 17:23
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8082A		1	819281	MS	EET CHI	05/28/25 22:14
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 14:46
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 16:34
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		5	819607	SJ	EET CHI	05/29/25 16:38
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:56
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:35

Client Sample ID: 5-B10 (1-5)D

Lab Sample ID: 500-268736-20

Date Collected: 05/21/25 15:15
Date Received: 05/22/25 09:45

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			819029	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819324	MS	EET CHI	05/28/25 13:06 - 05/28/25 19:06 [1]
TCLP	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 13:45
TCLP	Leach	1311			819029	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819324	MS	EET CHI	05/28/25 13:06 - 05/28/25 19:06 [1]
TCLP	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 17:44
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 12:34
Total/NA	Analysis	Moisture		1	818876	RB	EET CHI	05/23/25 10:17

Client Sample ID: 5-B10 (1-5)D

Lab Sample ID: 500-268736-20

Date Collected: 05/21/25 15:15
Date Received: 05/22/25 09:45

Matrix: Solid
Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			820218	OP	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	820175	MM	EET CHI	06/04/25 14:11
Total/NA	Prep	3546			819206	SC	EET CHI	05/28/25 07:39
Total/NA	Analysis	8270E		1	819416	H7CM	EET CHI	05/29/25 20:27
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8081B		1	819327	H7CM	EET CHI	05/28/25 17:35

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B10 (1-5)D

Lab Sample ID: 500-268736-20
Date Collected: 05/21/25 15:15
Matrix: Solid
Date Received: 05/22/25 09:45
Percent Solids: 82.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8082A		1	819281	MS	EET CHI	05/28/25 22:29
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 14:51
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 16:42
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		5	819607	SJ	EET CHI	05/29/25 16:47
Total/NA	Prep	7471B			819663	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 08:57
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:35

Client Sample ID: 5-B10 (5-12)

Lab Sample ID: 500-268736-21
Date Collected: 05/21/25 15:20
Matrix: Solid
Date Received: 05/22/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819030	JL	EET CHI	05/27/25 14:07 - 05/28/25 07:30 [1]
SPLP East	Prep	3010A			819325	MS	EET CHI	05/28/25 13:08 - 05/28/25 19:08 [1]
SPLP East	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 15:11
TCLP	Leach	1311			819029	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819324	MS	EET CHI	05/28/25 13:06 - 05/28/25 19:06 [1]
TCLP	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 13:50
TCLP	Leach	1311			819029	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819324	MS	EET CHI	05/28/25 13:06 - 05/28/25 19:06 [1]
TCLP	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 17:49
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 12:36
Total/NA	Analysis	Moisture		1	818876	RB	EET CHI	05/23/25 10:17

Client Sample ID: 5-B10 (5-12)

Lab Sample ID: 500-268736-21
Date Collected: 05/21/25 15:20
Matrix: Solid
Date Received: 05/22/25 09:45
Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			820218	OP	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	820175	MM	EET CHI	06/04/25 14:37
Total/NA	Prep	3546			819140	LH	EET CHI	05/27/25 14:15
Total/NA	Analysis	8270E		1	819236	W1T	EET CHI	05/28/25 18:16
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 14:55
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 16:51
Total/NA	Prep	7471B			819664	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 09:02

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B10 (5-12)

Lab Sample ID: 500-268736-21
Date Collected: 05/21/25 15:20
Matrix: Solid
Date Received: 05/22/25 09:45
Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:37

Client Sample ID: 5-B11 (1-5)

Lab Sample ID: 500-268736-22
Date Collected: 05/21/25 15:55
Matrix: Solid
Date Received: 05/22/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			819029	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819324	MS	EET CHI	05/28/25 13:06 - 05/28/25 19:06 [1]
TCLP	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 13:54
TCLP	Leach	1311			819029	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819324	MS	EET CHI	05/28/25 13:06 - 05/28/25 19:06 [1]
TCLP	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 17:53
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 12:38
Total/NA	Analysis	Moisture		1	818876	RB	EET CHI	05/23/25 10:17

Client Sample ID: 5-B11 (1-5)

Lab Sample ID: 500-268736-22
Date Collected: 05/21/25 15:55
Matrix: Solid
Date Received: 05/22/25 09:45
Percent Solids: 79.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			820218	OP	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	820175	MM	EET CHI	06/04/25 15:02
Total/NA	Prep	3546			819140	LH	EET CHI	05/27/25 14:15
Total/NA	Analysis	8270E		1	819236	W1T	EET CHI	05/28/25 18:39
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8081B		1	819327	H7CM	EET CHI	05/28/25 17:47
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8082A		1	819281	MS	EET CHI	05/28/25 22:44
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 14:59
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 16:55
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 17:00
Total/NA	Prep	7471B			819664	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 09:05
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:37

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Client Sample ID: 5-B11 (5-12)

Date Collected: 05/21/25 16:00
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819030	JL	EET CHI	05/27/25 14:07 - 05/28/25 07:30 [1]
SPLP East	Prep	3010A			819325	MS	EET CHI	05/28/25 13:08 - 05/28/25 19:08 [1]
SPLP East	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 15:20
TCLP	Leach	1311			819029	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819324	MS	EET CHI	05/28/25 13:06 - 05/28/25 19:06 [1]
TCLP	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 14:26
TCLP	Leach	1311			819029	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819324	MS	EET CHI	05/28/25 13:06 - 05/28/25 19:06 [1]
TCLP	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 17:57
Total/NA	Analysis	9045D		1	818925	RB	EET CHI	05/23/25 12:43
Total/NA	Analysis	Moisture		1	818876	RB	EET CHI	05/23/25 10:17

Client Sample ID: 5-B11 (5-12)

Date Collected: 05/21/25 16:00
Date Received: 05/22/25 09:45

Lab Sample ID: 500-268736-23

Matrix: Solid
Percent Solids: 79.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			820218	OP	EET CHI	05/22/25 14:55
Total/NA	Analysis	8260D		1	820175	MM	EET CHI	06/04/25 15:28
Total/NA	Prep	3546			819140	LH	EET CHI	05/27/25 14:15
Total/NA	Analysis	8270E		1	819236	W1T	EET CHI	05/28/25 19:03
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 15:12
Total/NA	Prep	3050B			819171	MS	EET CHI	05/27/25 18:11 - 05/27/25 23:11 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 17:04
Total/NA	Prep	7471B			819664	MJG	EET CHI	05/30/25 15:05
Total/NA	Analysis	7471B		1	819879	MJG	EET CHI	06/02/25 09:10
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:38

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 500-268736-1
Project/Site: Bend Boulevard, East Moline, IL

Laboratory: Eurofins Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D	5035	Solid	1,3-Dichloropropene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CHI
8081B	Organochlorine Pesticides (GC)	SW846	EET CHI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CHI
6010D	Metals (ICP)	SW846	EET CHI
7471B	Mercury (CVAA)	SW846	EET CHI
9012B	Cyanide, Total andor Amenable	SW846	EET CHI
9045D	pH	SW846	EET CHI
Moisture	Percent Moisture	EPA	EET CHI
1311	TCLP Extraction	SW846	EET CHI
1312	SPLP Extraction	SW846	EET CHI
3010A	Preparation, Total Metals	SW846	EET CHI
3050B	Preparation, Metals	SW846	EET CHI
3541	Automated Soxhlet Extraction	SW846	EET CHI
3546	Microwave Extraction	SW846	EET CHI
5035	Closed System Purge and Trap	SW846	EET CHI
7471B	Preparation, Mercury	SW846	EET CHI
9010C	Cyanide, Distillation	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268736-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-268736-1	5-B01 (1-5)	Solid	05/20/25 13:30	05/22/25 09:45
500-268736-2	5-B01 (5-7)	Solid	05/20/25 15:50	05/22/25 09:45
500-268736-3	5-B02 (1-3)	Solid	05/21/25 09:20	05/22/25 09:45
500-268736-4	5-B03 (1-5)	Solid	05/21/25 09:50	05/22/25 09:45
500-268736-5	5-B03 (5-12)	Solid	05/21/25 09:55	05/22/25 09:45
500-268736-6	5-B04 (1-5)	Solid	05/21/25 10:30	05/22/25 09:45
500-268736-7	5-B04 (5-12)	Solid	05/21/25 10:35	05/22/25 09:45
500-268736-8	5-B05 (1-5)	Solid	05/21/25 11:05	05/22/25 09:45
500-268736-9	5-B05 (1-5)D	Solid	05/21/25 11:10	05/22/25 09:45
500-268736-10	5-B05 (5-12)	Solid	05/21/25 11:15	05/22/25 09:45
500-268736-11	5-B06 (1-5)	Solid	05/21/25 12:10	05/22/25 09:45
500-268736-12	5-B06 (5-12)	Solid	05/21/25 12:15	05/22/25 09:45
500-268736-13	5-B07 (1-5)	Solid	05/21/25 12:35	05/22/25 09:45
500-268736-14	5-B07 (5-12)	Solid	05/21/25 12:40	05/22/25 09:45
500-268736-15	5-B08 (1-5)	Solid	05/21/25 13:45	05/22/25 09:45
500-268736-16	5-B08 (5-12)	Solid	05/21/25 13:50	05/22/25 09:45
500-268736-17	5-B09 (1-5)	Solid	05/21/25 14:30	05/22/25 09:45
500-268736-18	5-B09 (5-12)	Solid	05/21/25 14:35	05/22/25 09:45
500-268736-19	5-B10 (1-5)	Solid	05/21/25 15:10	05/22/25 09:45
500-268736-20	5-B10 (1-5)D	Solid	05/21/25 15:15	05/22/25 09:45
500-268736-21	5-B10 (5-12)	Solid	05/21/25 15:20	05/22/25 09:45
500-268736-22	5-B11 (1-5)	Solid	05/21/25 15:55	05/22/25 09:45
500-268736-23	5-B11 (5-12)	Solid	05/21/25 16:00	05/22/25 09:45

Eurofins Chicago
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: D G PL	Lab PM: Knapp, Jim D	Carrier Tracking No(s):	COC No: 500-136972-52720 1
Client Contact: Dominick Gagliano	Phone:	E-Mail: Jim Knapp@et eurofinsus com	State of Origin: IL	Page: Page 1 of 3
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #: 500-268736
Address: 192 Exchange Blvd	Due Date Requested: STANDARD TURN			
City: Glendale Heights	TAT Requested (days): STANDARD TURN			
State, Zip: IL, 60139	Compliance Project: Δ Yes Δ No			
Phone: 630-445-0203(Tel)	PO #: 11247243B			
Email: Dominick Gagliano@terracon com	WO #:			
Project Name: Bend Boulevard, East Moline, IL	Project #: 50024921			
Site: 11247243B	SSOW#:			

Analysis Requested

Preservation Codes:
PL - MeOH/NaHS04
N - None
A - HCL
D - HNO3
B NaOH

Other: 500-268736 COC

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	VOCs	SVOCs	TAL metals	Cyanide	pH	PCBs / Pesticides	TCLP FE+MN	40 mn Store SPLP metals *(Hold)	TCLP metals *(Hold)	Total Number of containers	Special Instructions/Note:
	Preservation Code:																	
1	S-B01 (1-5)	5-20-25	1330	G	Solid			X	X	X	X	X	X	X	X	X		*note PLEASE
2	S-B01 (5-7)	5-20-25	1550	G	Solid			X	X	X	X	X		X	X	X		Hold SPLP metals
3	S-B02 (1-3)	5-21-25	0920	G	Solid			X	X	X	X	X	X	X	X	X		and TCLP metals
4	S-B03 (1-5)	5-21-25	0950	G	Solid			X	X	X	X	X	X	X	X	X		
5	S-B03 (5-12)	5-21-25	0955	G	Solid			X	X	X	X	X		X	X	X		
6	S-B04 (1-5)	5-21-25	1030	G	Solid			X	X	X	X	X	X	X	X	X		*RUN TCLP
7	S-B04 (5-12	5-21-25	1035	G	Solid			X	X	X	X	X		X	X	X		FE+MN only
8	S-B05 (1-5)	5-21-25	1105	G	Solid			X	X	X	X	X	X	X	X	X		Hold Acid digest
9	S-B05 (1-5) D	5-21-25	1110	G	Solid			X	X	X	X	X	X	X	X	X		TCLP
10	S-B05 (5-12)	5-21-25	1115	G	Solid			X	X	X	X	X		X	X	X		
11	S-B06 (1-5)	5-21-25	1210	G	Solid			X	X	X	X	X	X	X	X	X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by	Date	Time	Method of Shipment.

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		5-21-25 1130	TERRACON		5-21-25 2430	
2		2025-05-22 0945			05/22/25 0945	EETA
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.
		3.3 → 2.9, 5.1 → 4.7, 2.2 → 1.8 4Bot

Eurofins Chicago
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: D Goff	Lab PM: Knapp, Jim D	Carrier Tracking No(s):	COC No: 500-136972-52720 2
Client Contact: Dominick Gagliano	Phone:	E-Mail: Jim Knapp@et eurofinsus com	State of Origin: IL	Page: Page 20F3
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #: 500-268736
Address: 192 Exchange Blvd	Due Date Requested: STANDARD TURN			
City: Glendale Heights	TAT Requested (days): STANDARD TURN			
State, Zip: IL, 60139	Compliance Project: Δ Yes Δ No			
Phone: 630-445-0203(Tel)	PO #: 11247243B			
Email: Dominick.Gagliano@terracon com	WO #:			
Project Name: Bend Boulevard, East Moline, IL	Project #: 50024921			
Site: 11247243B	SSOW#:			

Analysis Requested

Preservation Codes: PL - MeOH/NaHS04; N None; A - HCL; D - HNO3; B NaOH; Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	VOCs	SVOCs	TAL metals	Cyanide	pH	PCBs / Pesticides	TCLP Fe & Mn	40 mL Store * (Hold)	SPLP metals * (Hold)	TCLP metals * (Hold)	Total Number of containers	Special Instructions/Note:
				Preservation Code:															
12	S-B06 (5-12)	5/21/25	1215	G	Solid			X	X	X	X	X		X	X	X	X		*Note PLEASE
13	S-B07 (1-5)	5/21/25	1235	G	Solid			X	X	X	X	X	X	X	X	X	X		Hold SPLP metals
14	S-B07 (5-12)	5/21/25	1240	G	Solid			X	X	X	X	X		X	X	X	X		and TCLP metals
15	S-B08 (1-5)	5/21/25	1345	G	Solid			X	X	X	X	X	X	X	X	X	X		
16	S-B08 (5-12)	5/21/25	1350	G	Solid			X	X	X	X	X		X	X	X	X		
17	S-B09 (1-5)	5/21/25	1430	G	Solid			X	X	X	X	X	X	X	X	X	X		*RUN TCLP
18	S-B09 (5-12)	5/21/25	1435	G	Solid			X	X	X	X	X		X	X	X	X		FE+MN only
19	S-B10 (1-5)	5/21/25	1510	G	Solid			X	X	X	X	X	X	X	X	X	X		Hold Additional
20	S-B10 (1-5) D	5/21/25	1515	G	Solid			X	X	X	X	X	X	X	X	X	X		TCLP
21	S-B10 (5-12)	5/21/25	1520	G	Solid			X	X	X	X	X		X	X	X	X		
22	S-B11 (1-5)	5/21/25	1555	G	Solid			X	X	X	X	X	X	X	X	X	X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		5/21/25 1930	Terracon		5-21-25 1930	
2		2025-05-22 0945			05/22/25 0945	EETA
3		Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No | Custody Seal No

Cooler Temperature(s) °C and Other Remarks.

Eurofins Chicago
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: DCF	Lab PM: Knapp, Jim D	Carrier Tracking No(s):	COC No: 500-136972-52720 3
Client Contact: Dominick Gagliano	Phone:	E-Mail: Jim Knapp@et eurofinsus com	State of Origin: IL	Page: Page 3 of 3
Company: Terracon Consulting Eng & Scientists	PWSID:	Analysis Requested		Job #: 500-26873 P
Address: 192 Exchange Blvd	Due Date Requested: STANDARD TURN			Preservation Codes: PL - MeOH/NaHS04; N - None; A - HCL; D - HNO3; B NaOH
City: Glendale Heights	TAT Requested (days): STANDARD TURN			
State, Zip: IL, 60139	Compliance Project: Δ Yes Δ No			
Phone: 630-445-0203(Tel)	PO #: 11247243B			
Email: Dominick Gagliano@terracon com	WO #:			
Project Name: Bend Boulevard, East Moline, IL	Project #: 50024921			
Site: 11247243B	SSOW#:			Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	VOC's	SVOC's	TAL metals	Cyanide	pH	TCLP FB+MN	90 Moisture	SPLP metals * (Hold)	TCLP metals * (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:														
23 S-B11 (5-12)	5-21-25	1600	G	Solid													* NOTE PLEASE Hold SPLP metals and TCLP metals
				Solid													
				Solid													
				Solid													
				Solid													
				Solid													
				Solid													* RUN TCLP FB+MN only Hold Add. Fund TCLP
				Solid													
				Solid													
				Solid													
				Solid													
				Solid													

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	[signature]	5/21/25 1930	Terracon	[signature]	5-21-25 1930	
2	[signature]	2025-05-22 0945		[signature]	05/22/25 0945	EETA
3						

Custody Seals Intact Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 500-268736-1

Login Number: 268736
List Number: 1
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9,4.7,1.8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jackie Setterdahl
Terracon Consulting Eng & Scientists
192 Exchange Blvd
Glendale Heights, Illinois 60139

Generated 6/9/2025 3:04:48 PM

JOB DESCRIPTION

Bend Boulevard, East Moline, IL

JOB NUMBER

500-268848-1

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

myEOL

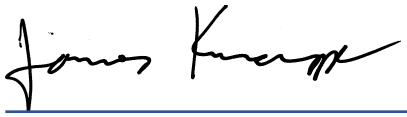
Eurofins Chicago

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization



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6/9/2025 3:04:48 PM

Authorized for release by
Jim Knapp, Senior Project Manager
Jim.Knapp@et.eurofinsus.com
(630)758-0262

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
*3	ISTD response or retention time outside acceptable limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
500-268848-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/23/2025 1:40 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.3°C, 2.8°C and 3.4°C.

Receipt Exceptions
The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC) Received two jars with same IDs of 5-B24 (1-5) and 5-B24 (5-12).Matched per sample time to COC, container with time of 0850 logged as 5-B24 (1-5), container with time of 0935 logged as 5-B25 (1-5) etc. Received a container with label sample ID listed as 5-B24 (5-12)D. Container logged as sample #31 5-B25 (5-12)D per matching sample time to COC.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-819601 was outside the method criteria for the following analyte(s): 2-Hexanone and 4-Methyl-2-pentanone (MIBK). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 500-819601 recovered outside control limits for the following analytes: 1,1,2,2-Tetrachloroethane. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-819819 was outside the method criteria for the following analyte(s): 1,2-Dichloroethane-d4 (Surr) and Toluene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 500-819819 recovered outside control limits for the following analytes: Carbon tetrachloride, Chloromethane, 1,2-Dichloroethane and 1,1,1-Trichloroethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-820035 was outside the method criteria for the following analyte(s): Bromomethane, Chloroethane, 2-Hexanone, Methyl tert-butyl ether and Vinyl acetate. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The following analyte(s) recovered outside control limits for the LCS associated with analytical batch 500-820035: Vinyl chloride. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 500-820035 recovered outside control limits for the following analytes: Bromomethane, Chloromethane and Vinyl chloride.

Method 8260D: Internal standard responses were outside of acceptance limits for the following samples: 5-B12 (5-12) (500-268848-2) and 5-B17 (5-12) (500-268848-13). The sample(s) shows evidence of matrix interference, as sample was analyzed twice with concurring failures..

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 500-819416 was outside the method criteria for the following analyte(s): Hexachlorocyclopentadiene, 2-Nitroaniline, N-Nitrosodi-n-propylamine and 2,2'-oxybis[1-chloropropane]. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-819416 was outside the method criteria for the following analyte(s): Dibenz(a,h)anthracene and 2,4,6-Tribromophenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 500-819208 and analytical batch 500-819416 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8270E: The following samples were diluted due to the nature of the sample matrix: 5-B23 (1-5) (500-268848-25) and 5-B24 (1-5) (500-268848-27). Elevated reporting limits (RLs) are provided.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 500-819422 was outside the method criteria for the following analyte(s): Hexachlorobutadiene and Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-819422 was outside the method criteria for the following analyte(s): Bis(2-ethylhexyl) phthalate, Butyl benzyl phthalate, 2-Nitroaniline, N-Nitrosodi-n-propylamine and 2,2'-oxybis[1-chloropropane]. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 500-819401 and analytical batch 500-819422 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8270E: The following sample was diluted due to the nature of the sample matrix: 5-B16 (1-5) (500-268848-10). Elevated reporting limits (RLs) are provided.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-819623 was outside the method criteria for the following analyte(s): Bis(2-ethylhexyl) phthalate, Butyl benzyl phthalate, 2-Nitroaniline and 2,2'-oxybis[1-chloropropane]. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The following sample required a dilution due to the nature of the sample matrix: 5-B24 (1-5) (500-268848-27). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs

Method 8082A: Tetrachloro-m-xylene surrogate recovery for the following samples were outside control limits: 5-B20 (1-5) (500-268848-18) and 5-B26 (1-5) (500-268848-32). DCB Decachlorobiphenyl surrogate was within the control limits; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: The following sample required a dilution due to the nature of the sample matrix: 5-B16 (1-5) (500-268848-10). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8082A: DCB Decachlorobiphenyl surrogate recovery for the following samples was outside control limits: 5-B23 (1-5) (500-268848-25). Tetrachloro-m-xylene surrogate was within the control limits; therefore, re-extraction and/or re-analysis was not

performed.

Method 8082A: The %RPD between the primary and confirmation column exceeded 40% for PCB-1248 for the following samples: 5-B17 (1-5) (500-268848-12), 5-B18 (1-5) (500-268848-14) and 5-B25 (1-5) (500-268848-29). internal standard outside of control limits on column-0; therefore; the higher value on column-1 has been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides
Method 8081B: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: 5-B16 (1-5) (500-268848-10), 5-B17 (1-5) (500-268848-12), 5-B18 (1-5) (500-268848-14), 5-B19 (1-5) (500-268848-16), 5-B20 (1-5)D (500-268848-19), 5-B21 (1-5) (500-268848-21), 5-B22 (1-5) (500-268848-23), 5-B23 (1-5) (500-268848-25), 5-B25 (1-5) (500-268848-29), 5-B26 (1-5) (500-268848-32), (LCS 500-819344/2-A) and (MB 500-819344/1-A).

Method 8081B: The following samples were diluted due to the nature of the sample matrix: 5-B16 (1-5) (500-268848-10), 5-B17 (1-5) (500-268848-12), 5-B18 (1-5) (500-268848-14), 5-B19 (1-5) (500-268848-16), 5-B20 (1-5)D (500-268848-19), 5-B21 (1-5) (500-268848-21), 5-B22 (1-5) (500-268848-23), 5-B23 (1-5) (500-268848-25), 5-B25 (1-5) (500-268848-29) and 5-B26 (1-5) (500-268848-32). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D: The method blank for preparation batch 500-819172 and analytical batch 500-819412 contained Iron and Magnesium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - TCLP: The method blank for preparation batch 500-819064 and 500-819378 and analytical batch 500-820359 contained Chromium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Job ID: 500-268848-3 — Eurofins Chicago

Job Narrative
500-268848-3

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/23/2025 1:40 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.3°C, 2.8°C and 3.4°C.

Receipt Exceptions
The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC) Received two jars with same IDs of 5-B24 (1-5) and 5-B24 (5-12).Matched per sample time to COC, container with time of 0850 logged as 5-B24 (1-5), container with time of 0935 logged as 5-B25 (1-5) etc. Received a container with label sample ID listed as 5-B24 (5-12)D. Container logged as sample #31 5-B25 (5-12)D per matching sample time to COC.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B12 (1-5) — Lab Sample ID: 500-268848-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0078	J	0.015	0.0065	mg/Kg	1	☼	8260D	Total/NA
Antimony	0.47	J F1	2.4	0.47	mg/Kg	1	☼	6010D	Total/NA
Arsenic	6.6	F1	1.2	0.41	mg/Kg	1	☼	6010D	Total/NA
Barium	110		1.2	0.14	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.64		0.48	0.11	mg/Kg	1	☼	6010D	Total/NA
Boron	7.7		6.0	0.56	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.24		0.24	0.044	mg/Kg	1	☼	6010D	Total/NA
Chromium	30		1.2	0.60	mg/Kg	1	☼	6010D	Total/NA
Cobalt	15		3.0	0.79	mg/Kg	5	☼	6010D	Total/NA
Copper	37	F1	1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Iron	28000		24	13	mg/Kg	1	☼	6010D	Total/NA
Lead	9.3		0.60	0.28	mg/Kg	1	☼	6010D	Total/NA
Magnesium	6000		12	6.0	mg/Kg	1	☼	6010D	Total/NA
Manganese	900		1.2	0.18	mg/Kg	1	☼	6010D	Total/NA
Nickel	34		1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Silver	1.7	F1	0.60	0.16	mg/Kg	1	☼	6010D	Total/NA
Thallium	1.8		1.2	0.60	mg/Kg	1	☼	6010D	Total/NA
Vanadium	67		3.0	0.71	mg/Kg	5	☼	6010D	Total/NA
Zinc	53		2.4	1.1	mg/Kg	1	☼	6010D	Total/NA
Iron	0.48		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	0.011		0.010	0.0023	mg/L	1		6010D	TCLP
Chromium	0.0021	J B	0.010	0.0017	mg/L	1		6010D	TCLP
Mercury	0.026		0.020	0.0084	mg/Kg	1	☼	7471B	Total/NA
pH	7.9		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B12 (5-12) — Lab Sample ID: 500-268848-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.016	*3	0.016	0.0065	mg/Kg	1	☼	8260D	Total/NA
Phenanthrene	0.010	J	0.040	0.0087	mg/Kg	1	☼	8270E	Total/NA
Arsenic	3.5		1.2	0.40	mg/Kg	1	☼	6010D	Total/NA
Barium	58		1.2	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.42	J	0.47	0.11	mg/Kg	1	☼	6010D	Total/NA
Boron	6.8		5.9	0.55	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.14	J	0.23	0.042	mg/Kg	1	☼	6010D	Total/NA
Chromium	24		1.2	0.58	mg/Kg	1	☼	6010D	Total/NA
Cobalt	11		2.9	0.77	mg/Kg	5	☼	6010D	Total/NA
Copper	20		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Iron	17000		23	12	mg/Kg	1	☼	6010D	Total/NA
Lead	8.1		0.59	0.27	mg/Kg	1	☼	6010D	Total/NA
Magnesium	3500		12	5.8	mg/Kg	1	☼	6010D	Total/NA
Manganese	380		1.2	0.17	mg/Kg	1	☼	6010D	Total/NA
Nickel	21		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Silver	0.58	J	0.59	0.15	mg/Kg	1	☼	6010D	Total/NA
Thallium	0.96	J	1.2	0.59	mg/Kg	1	☼	6010D	Total/NA
Vanadium	51		2.9	0.69	mg/Kg	5	☼	6010D	Total/NA
Zinc	36		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Iron	0.52		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	0.14		0.010	0.0023	mg/L	1		6010D	TCLP
Chromium	0.0031	J B	0.010	0.0017	mg/L	1		6010D	TCLP
Mercury	0.025		0.021	0.0085	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B12 (5-12) (Continued)

Lab Sample ID: 500-268848-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
pH	7.2		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B13 (1-5)

Lab Sample ID: 500-268848-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.040		0.035	0.0075	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.048		0.035	0.034	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.060		0.035	0.033	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.19		0.035	0.016	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.057		0.035	0.0093	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.043		0.035	0.0082	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.018	J	0.035	0.010	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.036		0.035	0.034	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.032	J	0.071	0.0071	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0096	J	0.035	0.0064	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.12		0.035	0.0076	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.096		0.035	0.0096	mg/Kg	1	☼	8270E	Total/NA
Arsenic	2.3		1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	25		1.0	0.12	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.79		0.42	0.097	mg/Kg	1	☼	6010D	Total/NA
Boron	13		5.2	0.49	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.059	J	0.21	0.038	mg/Kg	1	☼	6010D	Total/NA
Chromium	11		1.0	0.52	mg/Kg	1	☼	6010D	Total/NA
Cobalt	28		0.52	0.14	mg/Kg	1	☼	6010D	Total/NA
Copper	14		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Iron	14000		21	11	mg/Kg	1	☼	6010D	Total/NA
Lead	9.3		0.52	0.24	mg/Kg	1	☼	6010D	Total/NA
Magnesium	1500		10	5.2	mg/Kg	1	☼	6010D	Total/NA
Manganese	820		1.0	0.15	mg/Kg	1	☼	6010D	Total/NA
Nickel	31		1.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.65	J	1.0	0.61	mg/Kg	1	☼	6010D	Total/NA
Silver	1.5		0.52	0.13	mg/Kg	1	☼	6010D	Total/NA
Thallium	1.5		1.0	0.52	mg/Kg	1	☼	6010D	Total/NA
Vanadium	11		0.52	0.12	mg/Kg	1	☼	6010D	Total/NA
Zinc	37		2.1	0.92	mg/Kg	1	☼	6010D	Total/NA
Iron	3.4		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	0.69		0.010	0.0023	mg/L	1		6010D	TCLP
Cobalt	0.059		0.0050	0.00078	mg/L	1		6010D	TCLP
Manganese	0.028		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.0090	J	0.018	0.0072	mg/Kg	1	☼	7471B	Total/NA
pH	7.5		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B13 (5-12)

Lab Sample ID: 500-268848-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.021	J	0.039	0.0081	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.080		0.039	0.0084	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.062		0.039	0.038	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.087		0.039	0.038	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.040		0.039	0.018	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.038	J	0.039	0.015	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.076		0.039	0.010	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B13 (5-12) (Continued)

Lab Sample ID: 500-268848-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoranthene	0.16		0.039	0.0092	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.041		0.039	0.038	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.081		0.039	0.0086	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.14		0.039	0.011	mg/Kg	1	☼	8270E	Total/NA
Arsenic	4.4		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	77		1.1	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.37	J	0.44	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	11		5.5	0.52	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.14	J	0.22	0.040	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.1	0.55	mg/Kg	1	☼	6010D	Total/NA
Cobalt	8.3		2.8	0.72	mg/Kg	5	☼	6010D	Total/NA
Copper	21		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Iron	16000		22	11	mg/Kg	1	☼	6010D	Total/NA
Lead	7.8		0.55	0.26	mg/Kg	1	☼	6010D	Total/NA
Magnesium	5700		11	5.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	490		1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	18		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Silver	0.90		0.55	0.14	mg/Kg	1	☼	6010D	Total/NA
Thallium	1.2		1.1	0.55	mg/Kg	1	☼	6010D	Total/NA
Vanadium	38		2.8	0.65	mg/Kg	5	☼	6010D	Total/NA
Zinc	36		2.2	0.97	mg/Kg	1	☼	6010D	Total/NA
Iron	0.51		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	1.7		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.053		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.028		0.019	0.0081	mg/Kg	1	☼	7471B	Total/NA
pH	8.0		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B14 (1-5)

Lab Sample ID: 500-268848-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.3		1.2	0.39	mg/Kg	1	☼	6010D	Total/NA
Barium	67		1.2	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.48		0.46	0.11	mg/Kg	1	☼	6010D	Total/NA
Boron	7.4		5.8	0.54	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.12	J	0.23	0.041	mg/Kg	1	☼	6010D	Total/NA
Chromium	25		1.2	0.57	mg/Kg	1	☼	6010D	Total/NA
Cobalt	14		2.9	0.75	mg/Kg	5	☼	6010D	Total/NA
Copper	22		1.2	0.32	mg/Kg	1	☼	6010D	Total/NA
Iron	19000		23	12	mg/Kg	1	☼	6010D	Total/NA
Lead	8.0		0.58	0.27	mg/Kg	1	☼	6010D	Total/NA
Magnesium	4500		12	5.7	mg/Kg	1	☼	6010D	Total/NA
Manganese	220		1.2	0.17	mg/Kg	1	☼	6010D	Total/NA
Nickel	22		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Silver	0.34	J	0.58	0.15	mg/Kg	1	☼	6010D	Total/NA
Thallium	0.89	J	1.2	0.57	mg/Kg	1	☼	6010D	Total/NA
Vanadium	46		2.9	0.68	mg/Kg	5	☼	6010D	Total/NA
Zinc	48		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Iron	0.26		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	0.043		0.010	0.0023	mg/L	1		6010D	TCLP
Chromium	0.0025	J B	0.010	0.0017	mg/L	1		6010D	TCLP
Mercury	0.029		0.020	0.0081	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B14 (1-5) (Continued)

Lab Sample ID: 500-268848-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
pH	7.4		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B14 (5-8)

Lab Sample ID: 500-268848-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.032	J	0.037	0.017	mg/Kg	1	☼	8270E	Total/NA
Arsenic	4.5		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	17		1.1	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.40	J	0.45	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	6.3		5.6	0.52	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.073	J	0.22	0.040	mg/Kg	1	☼	6010D	Total/NA
Chromium	39		1.1	0.56	mg/Kg	1	☼	6010D	Total/NA
Cobalt	28		0.56	0.15	mg/Kg	1	☼	6010D	Total/NA
Copper	4.2		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Iron	51000		22	12	mg/Kg	1	☼	6010D	Total/NA
Lead	16		0.56	0.26	mg/Kg	1	☼	6010D	Total/NA
Magnesium	320		11	5.6	mg/Kg	1	☼	6010D	Total/NA
Manganese	2100		1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	34		1.1	0.33	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.8		1.1	0.66	mg/Kg	1	☼	6010D	Total/NA
Silver	4.1		0.56	0.14	mg/Kg	1	☼	6010D	Total/NA
Thallium	3.2		1.1	0.56	mg/Kg	1	☼	6010D	Total/NA
Vanadium	28		0.56	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	17		2.2	0.98	mg/Kg	1	☼	6010D	Total/NA
Manganese	0.063		0.010	0.0023	mg/L	1		6010D	TCLP
Chromium	0.0019	J B	0.010	0.0017	mg/L	1		6010D	TCLP
Mercury	0.022		0.018	0.0076	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.28		0.26	0.13	mg/Kg	1	☼	9012B	Total/NA
pH	6.3		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B15 (1-5)

Lab Sample ID: 500-268848-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.021		0.013	0.0055	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0042		0.0033	0.0015	mg/Kg	1	☼	8260D	Total/NA
Fluoranthene	0.015	J	0.037	0.0086	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.014	J	0.037	0.010	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDE	1.2	J	1.9	0.98	ug/Kg	1	☼	8081B	Total/NA
Arsenic	3.3		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	120		1.1	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.53		0.44	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	7.5		5.6	0.52	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.15	J	0.22	0.040	mg/Kg	1	☼	6010D	Total/NA
Chromium	19		1.1	0.55	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.3		0.56	0.15	mg/Kg	1	☼	6010D	Total/NA
Copper	14		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Iron	14000		22	12	mg/Kg	1	☼	6010D	Total/NA
Lead	8.3		0.56	0.26	mg/Kg	1	☼	6010D	Total/NA
Magnesium	2200		11	5.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	460		1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	18		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Silver	0.82		0.56	0.14	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B15 (1-5) (Continued)

Lab Sample ID: 500-268848-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.90	J	1.1	0.55	mg/Kg	1	☼	6010D	Total/NA
Vanadium	30		0.56	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	43		2.2	0.98	mg/Kg	1	☼	6010D	Total/NA
Manganese	8.1		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	1.3		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.029		0.018	0.0075	mg/Kg	1	☼	7471B	Total/NA
pH	7.5		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B15 (1-5)D

Lab Sample ID: 500-268848-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0096	J	0.014	0.0058	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0024	J	0.0035	0.0015	mg/Kg	1	☼	8260D	Total/NA
Acenaphthene	0.0098	J	0.037	0.0077	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.016	J	0.037	0.0077	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.062		0.037	0.0080	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.055		0.037	0.036	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.095		0.037	0.036	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.043		0.037	0.017	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.035	J	0.037	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.066		0.037	0.0099	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.034	J	0.19	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.11		0.037	0.0088	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.044		0.037	0.037	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.015	J	0.076	0.0076	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.012	J	0.037	0.0068	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.076		0.037	0.0082	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.11		0.037	0.010	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDE	18		2.0	1.0	ug/Kg	1	☼	8081B	Total/NA
4,4'-DDD	8.5		2.0	1.1	ug/Kg	1	☼	8081B	Total/NA
4,4'-DDT	1.1	J	2.0	0.93	ug/Kg	1	☼	8081B	Total/NA
Arsenic	4.0		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Barium	150		1.1	0.12	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.52		0.43	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	7.5		5.4	0.51	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.24		0.22	0.039	mg/Kg	1	☼	6010D	Total/NA
Chromium	17		1.1	0.54	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.6		0.54	0.14	mg/Kg	1	☼	6010D	Total/NA
Copper	14		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Iron	13000		22	11	mg/Kg	1	☼	6010D	Total/NA
Lead	8.7		0.54	0.25	mg/Kg	1	☼	6010D	Total/NA
Magnesium	1800		11	5.4	mg/Kg	1	☼	6010D	Total/NA
Manganese	990		1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	17		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Silver	2.0		0.54	0.14	mg/Kg	1	☼	6010D	Total/NA
Thallium	1.8		1.1	0.54	mg/Kg	1	☼	6010D	Total/NA
Vanadium	28		0.54	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	43		2.2	0.95	mg/Kg	1	☼	6010D	Total/NA
Iron	0.39		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	1.2		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	1.4		0.010	0.0023	mg/L	1		6010D	SPLP East

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B15 (1-5)D (Continued)

Lab Sample ID: 500-268848-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Mercury	0.040		0.019	0.0079	mg/Kg	1	☼	7471B	Total/NA
pH	7.4		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B15 (5-12)

Lab Sample ID: 500-268848-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.92	J	1.0	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	9.9		1.0	0.12	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.33	J	0.42	0.097	mg/Kg	1	☼	6010D	Total/NA
Boron	5.1	J	5.2	0.49	mg/Kg	1	☼	6010D	Total/NA
Chromium	6.6		1.0	0.52	mg/Kg	1	☼	6010D	Total/NA
Cobalt	3.6		0.52	0.14	mg/Kg	1	☼	6010D	Total/NA
Copper	15		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Iron	1900		21	11	mg/Kg	1	☼	6010D	Total/NA
Lead	2.2		0.52	0.24	mg/Kg	1	☼	6010D	Total/NA
Magnesium	340		10	5.2	mg/Kg	1	☼	6010D	Total/NA
Manganese	47		1.0	0.15	mg/Kg	1	☼	6010D	Total/NA
Nickel	5.2		1.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Vanadium	4.7		0.52	0.12	mg/Kg	1	☼	6010D	Total/NA
Zinc	2.3		2.1	0.92	mg/Kg	1	☼	6010D	Total/NA
Iron	0.10	J	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	0.89		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.081		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.013	J	0.016	0.0067	mg/Kg	1	☼	7471B	Total/NA
pH	6.6		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B16 (1-5)

Lab Sample ID: 500-268848-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.017		0.016	0.0066	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0036	J	0.0039	0.0017	mg/Kg	1	☼	8260D	Total/NA
Vinyl chloride	0.0022		0.0016	0.00064	mg/Kg	1	☼	8260D	Total/NA
Acenaphthene	0.092		0.070	0.014	mg/Kg	2	☼	8270E	Total/NA
Anthracene	0.19		0.070	0.014	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]anthracene	0.57		0.070	0.015	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]pyrene	0.46		0.070	0.068	mg/Kg	2	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.54		0.070	0.067	mg/Kg	2	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.36		0.070	0.032	mg/Kg	2	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.16		0.070	0.027	mg/Kg	2	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.32	J	0.36	0.28	mg/Kg	2	☼	8270E	Total/NA
Carbazole	0.053	J	0.36	0.028	mg/Kg	2	☼	8270E	Total/NA
Chrysene	0.93		0.070	0.019	mg/Kg	2	☼	8270E	Total/NA
Dibenzofuran	0.15	J	0.36	0.025	mg/Kg	2	☼	8270E	Total/NA
Di-n-butyl phthalate	0.067	J	0.36	0.022	mg/Kg	2	☼	8270E	Total/NA
Fluoranthene	0.81		0.070	0.016	mg/Kg	2	☼	8270E	Total/NA
Fluorene	0.15		0.070	0.021	mg/Kg	2	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.17		0.070	0.069	mg/Kg	2	☼	8270E	Total/NA
2-Methylnaphthalene	0.58		0.14	0.014	mg/Kg	2	☼	8270E	Total/NA
3 & 4 Methylphenol	0.11	J	0.36	0.052	mg/Kg	2	☼	8270E	Total/NA
Naphthalene	0.35		0.070	0.013	mg/Kg	2	☼	8270E	Total/NA
Phenanthrene	0.98		0.070	0.015	mg/Kg	2	☼	8270E	Total/NA
Pyrene	1.7		0.070	0.019	mg/Kg	2	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B16 (1-5) (Continued)

Lab Sample ID: 500-268848-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1248	5.7		0.37	0.17	mg/Kg	20	☼	8082A	Total/NA
Antimony	1.2	J	2.0	0.38	mg/Kg	1	☼	6010D	Total/NA
Arsenic	3.0		0.98	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	35		0.98	0.11	mg/Kg	1	☼	6010D	Total/NA
Boron	11		4.9	0.46	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.21		0.20	0.035	mg/Kg	1	☼	6010D	Total/NA
Chromium	27		0.98	0.48	mg/Kg	1	☼	6010D	Total/NA
Cobalt	1.8		0.49	0.13	mg/Kg	1	☼	6010D	Total/NA
Copper	37		0.98	0.27	mg/Kg	1	☼	6010D	Total/NA
Iron	18000		20	10	mg/Kg	1	☼	6010D	Total/NA
Lead	66		0.49	0.23	mg/Kg	1	☼	6010D	Total/NA
Magnesium	2600		9.8	4.9	mg/Kg	1	☼	6010D	Total/NA
Manganese	730		0.98	0.14	mg/Kg	1	☼	6010D	Total/NA
Nickel	18		0.98	0.28	mg/Kg	1	☼	6010D	Total/NA
Silver	1.6		0.49	0.13	mg/Kg	1	☼	6010D	Total/NA
Thallium	1.6		0.98	0.49	mg/Kg	1	☼	6010D	Total/NA
Vanadium	4.1		0.49	0.12	mg/Kg	1	☼	6010D	Total/NA
Zinc	56		2.0	0.86	mg/Kg	1	☼	6010D	Total/NA
Iron	9.1		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	3.5		0.010	0.0023	mg/L	1		6010D	TCLP
Chromium	0.0067	J B	0.010	0.0017	mg/L	1		6010D	TCLP
Iron	2.3		0.20	0.082	mg/L	1		6010D	SPLP East
Manganese	0.029		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.023		0.017	0.0070	mg/Kg	1	☼	7471B	Total/NA
pH	7.7		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B16 (5-9)

Lab Sample ID: 500-268848-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.014	J	0.016	0.0065	mg/Kg	1	☼	8260D	Total/NA
Arsenic	2.1		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	41		1.1	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.69		0.44	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	6.8		5.5	0.52	mg/Kg	1	☼	6010D	Total/NA
Chromium	14		1.1	0.55	mg/Kg	1	☼	6010D	Total/NA
Cobalt	4.7		0.55	0.14	mg/Kg	1	☼	6010D	Total/NA
Copper	10		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Iron	6600	B	22	12	mg/Kg	1	☼	6010D	Total/NA
Lead	5.1		0.55	0.26	mg/Kg	1	☼	6010D	Total/NA
Magnesium	1300	B	11	5.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	150	B	1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	9.7		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Silver	0.93		0.55	0.14	mg/Kg	1	☼	6010D	Total/NA
Vanadium	15		0.55	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	15		2.2	0.97	mg/Kg	1	☼	6010D	Total/NA
Iron	0.19	J	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	2.3		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.70		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.021		0.019	0.0078	mg/Kg	1	☼	7471B	Total/NA
pH	6.6		0.2	0.2	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B17 (1-5)

Lab Sample ID: 500-268848-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.028	J	0.036	0.0073	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.038		0.036	0.0074	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.052		0.036	0.0076	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.059		0.036	0.034	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.020	J	0.036	0.016	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.017	J	0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.077		0.036	0.0095	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.082	J	0.18	0.013	mg/Kg	1	☼	8270E	Total/NA
2,4-Dimethylphenol	0.30	J	0.36	0.081	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.018	J	0.18	0.011	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.14		0.036	0.0084	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.037		0.036	0.011	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.27		0.073	0.0072	mg/Kg	1	☼	8270E	Total/NA
2-Methylphenol	0.021	J	0.18	0.019	mg/Kg	1	☼	8270E	Total/NA
3 & 4 Methylphenol	0.047	J	0.18	0.026	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.22		0.036	0.0065	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.28		0.036	0.0078	mg/Kg	1	☼	8270E	Total/NA
Phenol	0.022	J	0.18	0.016	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.14		0.036	0.0098	mg/Kg	1	☼	8270E	Total/NA
4,4'-DDE	0.98	J	1.9	0.98	ug/Kg	1	☼	8081B	Total/NA
PCB-1248	0.091		0.019	0.0090	mg/Kg	1	☼	8082A	Total/NA
Antimony	1.2	J	2.2	0.43	mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.6		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	41		1.1	0.13	mg/Kg	1	☼	6010D	Total/NA
Boron	3.8	J	5.6	0.52	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.31		0.22	0.040	mg/Kg	1	☼	6010D	Total/NA
Chromium	35		1.1	0.55	mg/Kg	1	☼	6010D	Total/NA
Cobalt	1.9		0.56	0.15	mg/Kg	1	☼	6010D	Total/NA
Copper	39		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Iron	25000		22	12	mg/Kg	1	☼	6010D	Total/NA
Lead	260		0.56	0.26	mg/Kg	1	☼	6010D	Total/NA
Magnesium	2400		11	5.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	950		1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	24		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Silver	2.0		0.56	0.14	mg/Kg	1	☼	6010D	Total/NA
Thallium	1.9		1.1	0.55	mg/Kg	1	☼	6010D	Total/NA
Vanadium	3.3		0.56	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	110		2.2	0.98	mg/Kg	1	☼	6010D	Total/NA
Iron	30		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	5.7		0.010	0.0023	mg/L	1		6010D	TCLP
Lead	0.44		0.0050	0.0027	mg/L	1		6010D	TCLP
Chromium	0.0036	J B	0.010	0.0017	mg/L	1		6010D	TCLP
Iron	3.2		0.20	0.082	mg/L	1		6010D	SPLP East
Manganese	0.071		0.010	0.0023	mg/L	1		6010D	SPLP East
Lead	0.024		0.0050	0.0027	mg/L	1		6010D	SPLP East
Mercury	0.037		0.018	0.0074	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.16	J	0.27	0.13	mg/Kg	1	☼	9012B	Total/NA
pH	7.2		0.2	0.2	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B17 (5-12) — Lab Sample ID: 500-268848-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.0015	*3	0.0013	0.00042	mg/Kg	1	☼	8260D	Total/NA
Arsenic	0.83	J	1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Barium	9.8		1.1	0.12	mg/Kg	1	☼	6010D	Total/NA
Boron	3.2	J	5.4	0.51	mg/Kg	1	☼	6010D	Total/NA
Chromium	3.3		1.1	0.54	mg/Kg	1	☼	6010D	Total/NA
Cobalt	2.7		0.54	0.14	mg/Kg	1	☼	6010D	Total/NA
Copper	3.2		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Iron	1500		22	11	mg/Kg	1	☼	6010D	Total/NA
Lead	2.0		0.54	0.25	mg/Kg	1	☼	6010D	Total/NA
Magnesium	200		11	5.4	mg/Kg	1	☼	6010D	Total/NA
Manganese	27		1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	4.3		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Vanadium	3.0		0.54	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	7.5		2.2	0.96	mg/Kg	1	☼	6010D	Total/NA
Iron	0.66		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	1.2		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.38		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.012	J	0.018	0.0073	mg/Kg	1	☼	7471B	Total/NA
pH	7.1		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B18 (1-5) — Lab Sample ID: 500-268848-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.029		0.019	0.0081	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0053		0.0049	0.0021	mg/Kg	1	☼	8260D	Total/NA
Acenaphthene	0.050		0.036	0.0073	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.019	J	0.036	0.0061	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.081		0.036	0.0074	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.13		0.036	0.0076	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.091		0.036	0.035	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.16		0.036	0.034	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.093		0.036	0.016	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.055		0.036	0.014	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.030	J	0.18	0.014	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.19		0.036	0.0095	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.092	J	0.18	0.013	mg/Kg	1	☼	8270E	Total/NA
2,4-Dimethylphenol	0.27	J	0.36	0.081	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.026	J	0.18	0.011	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.31		0.036	0.0084	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.095		0.036	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.047		0.036	0.035	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.32		0.073	0.0072	mg/Kg	1	☼	8270E	Total/NA
3 & 4 Methylphenol	0.057	J	0.18	0.026	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.25		0.036	0.0065	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.54		0.036	0.0078	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.33		0.036	0.0098	mg/Kg	1	☼	8270E	Total/NA
PCB-1248	1.0		0.087	0.041	mg/Kg	5	☼	8082A	Total/NA
Antimony	0.97	J	2.0	0.39	mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.7		1.0	0.34	mg/Kg	1	☼	6010D	Total/NA
Barium	50		1.0	0.11	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.12	J	0.40	0.093	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B18 (1-5) (Continued)

Lab Sample ID: 500-268848-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	6.3		5.0	0.47	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.41		0.20	0.036	mg/Kg	1	☼	6010D	Total/NA
Chromium	30		1.0	0.49	mg/Kg	1	☼	6010D	Total/NA
Cobalt	2.1		0.50	0.13	mg/Kg	1	☼	6010D	Total/NA
Copper	33		1.0	0.28	mg/Kg	1	☼	6010D	Total/NA
Iron	21000		20	10	mg/Kg	1	☼	6010D	Total/NA
Lead	470		0.50	0.23	mg/Kg	1	☼	6010D	Total/NA
Magnesium	3800		10	5.0	mg/Kg	1	☼	6010D	Total/NA
Manganese	1200		1.0	0.14	mg/Kg	1	☼	6010D	Total/NA
Nickel	23		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Silver	2.7		0.50	0.13	mg/Kg	1	☼	6010D	Total/NA
Thallium	2.2		1.0	0.50	mg/Kg	1	☼	6010D	Total/NA
Vanadium	4.6		0.50	0.12	mg/Kg	1	☼	6010D	Total/NA
Zinc	150		2.0	0.88	mg/Kg	1	☼	6010D	Total/NA
Iron	0.22		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	2.0		0.010	0.0023	mg/L	1		6010D	TCLP
Lead	0.10		0.0050	0.0027	mg/L	1		6010D	TCLP
Manganese	0.026	J	0.050	0.011	mg/L	1		6010D	SPLP East
Lead	0.039		0.025	0.014	mg/L	1		6010D	SPLP East
Mercury	0.035		0.017	0.0069	mg/Kg	1	☼	7471B	Total/NA
pH	7.3		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B18 (5-12)

Lab Sample ID: 500-268848-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.019		0.018	0.0077	mg/Kg	1	☼	8260D	Total/NA
Arsenic	2.7		1.2	0.42	mg/Kg	1	☼	6010D	Total/NA
Barium	120		1.2	0.14	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.61		0.49	0.11	mg/Kg	1	☼	6010D	Total/NA
Boron	4.7	J	6.1	0.57	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.18	J	0.24	0.044	mg/Kg	1	☼	6010D	Total/NA
Chromium	22		1.2	0.60	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.3		0.61	0.16	mg/Kg	1	☼	6010D	Total/NA
Copper	12		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Iron	15000		24	13	mg/Kg	1	☼	6010D	Total/NA
Lead	10		0.61	0.28	mg/Kg	1	☼	6010D	Total/NA
Magnesium	2400		12	6.0	mg/Kg	1	☼	6010D	Total/NA
Manganese	120		1.2	0.18	mg/Kg	1	☼	6010D	Total/NA
Nickel	18		1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Vanadium	30		0.61	0.14	mg/Kg	1	☼	6010D	Total/NA
Zinc	44		2.4	1.1	mg/Kg	1	☼	6010D	Total/NA
Iron	1.1	F1	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	0.70	F1	0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.18		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.037		0.021	0.0085	mg/Kg	1	☼	7471B	Total/NA
pH	6.5		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B19 (1-5)

Lab Sample ID: 500-268848-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.014	J	0.018	0.0074	mg/Kg	1	☼	8260D	Total/NA
cis-1,2-Dichloroethene	0.00092	J	0.0018	0.00071	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B19 (1-5) (Continued)

Lab Sample ID: 500-268848-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.00076	J	0.0018	0.00072	mg/Kg	1	☼	8260D	Total/NA
Anthracene	0.010	J	0.036	0.0075	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.023	J	0.036	0.0078	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.032	J	0.036	0.0097	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.013	J	0.18	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.043		0.036	0.0085	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.043	J	0.074	0.0073	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.032	J	0.036	0.0066	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.065		0.036	0.0080	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.049		0.036	0.010	mg/Kg	1	☼	8270E	Total/NA
PCB-1248	0.051		0.019	0.0088	mg/Kg	1	☼	8082A	Total/NA
Arsenic	4.8		1.1	0.39	mg/Kg	1	☼	6010D	Total/NA
Barium	83		1.1	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.40	J	0.46	0.11	mg/Kg	1	☼	6010D	Total/NA
Boron	6.8		5.7	0.53	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.13	J	0.23	0.041	mg/Kg	1	☼	6010D	Total/NA
Chromium	23		1.1	0.56	mg/Kg	1	☼	6010D	Total/NA
Cobalt	8.5		2.9	0.75	mg/Kg	5	☼	6010D	Total/NA
Copper	22		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Iron	18000		23	12	mg/Kg	1	☼	6010D	Total/NA
Lead	16		0.57	0.26	mg/Kg	1	☼	6010D	Total/NA
Magnesium	3400		11	5.7	mg/Kg	1	☼	6010D	Total/NA
Manganese	420		1.1	0.17	mg/Kg	1	☼	6010D	Total/NA
Nickel	21		1.1	0.33	mg/Kg	1	☼	6010D	Total/NA
Silver	0.79		0.57	0.15	mg/Kg	1	☼	6010D	Total/NA
Thallium	0.89	J	1.1	0.57	mg/Kg	1	☼	6010D	Total/NA
Vanadium	46		2.9	0.67	mg/Kg	5	☼	6010D	Total/NA
Zinc	53		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Iron	9.1		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	8.2		0.010	0.0023	mg/L	1		6010D	TCLP
Chromium	0.0023	J	0.010	0.0017	mg/L	1		6010D	TCLP
Iron	110		0.20	0.082	mg/L	1		6010D	SPLP East
Manganese	1.6		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.051		0.018	0.0075	mg/Kg	1	☼	7471B	Total/NA
pH	6.9		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B19 (5-12)

Lab Sample ID: 500-268848-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.011	J	0.020	0.0083	mg/Kg	1	☼	8260D	Total/NA
Arsenic	6.7		1.2	0.40	mg/Kg	1	☼	6010D	Total/NA
Barium	110		1.2	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.61		0.46	0.11	mg/Kg	1	☼	6010D	Total/NA
Boron	6.7		5.8	0.54	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.16	J	0.23	0.042	mg/Kg	1	☼	6010D	Total/NA
Chromium	25		1.2	0.57	mg/Kg	1	☼	6010D	Total/NA
Cobalt	13		0.58	0.15	mg/Kg	1	☼	6010D	Total/NA
Copper	7.3		1.2	0.32	mg/Kg	1	☼	6010D	Total/NA
Iron	35000		23	12	mg/Kg	1	☼	6010D	Total/NA
Lead	15		0.58	0.27	mg/Kg	1	☼	6010D	Total/NA
Magnesium	4300		12	5.7	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B19 (5-12) (Continued) — Lab Sample ID: 500-268848-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	240		1.2	0.17	mg/Kg	1	☼	6010D	Total/NA
Nickel	24		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Silver	0.47	J	0.58	0.15	mg/Kg	1	☼	6010D	Total/NA
Vanadium	58		0.58	0.14	mg/Kg	1	☼	6010D	Total/NA
Zinc	72		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Iron	0.18	J	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	2.1		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.28		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.051		0.022	0.0089	mg/Kg	1	☼	7471B	Total/NA
pH	6.8		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B20 (1-5) — Lab Sample ID: 500-268848-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.010	J	0.014	0.0059	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0024	J	0.0035	0.0015	mg/Kg	1	☼	8260D	Total/NA
Vinyl chloride	0.00058	J	0.0014	0.00057	mg/Kg	1	☼	8260D	Total/NA
Arsenic	2.6		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Barium	62		1.1	0.12	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.28	J	0.43	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	4.1	J	5.4	0.51	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.18	J	0.22	0.039	mg/Kg	1	☼	6010D	Total/NA
Chromium	12		1.1	0.54	mg/Kg	1	☼	6010D	Total/NA
Cobalt	5.7		0.54	0.14	mg/Kg	1	☼	6010D	Total/NA
Copper	8.0		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Iron	8100		22	11	mg/Kg	1	☼	6010D	Total/NA
Lead	13		0.54	0.25	mg/Kg	1	☼	6010D	Total/NA
Magnesium	1400		11	5.4	mg/Kg	1	☼	6010D	Total/NA
Manganese	270		1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	9.3		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Silver	0.47	J	0.54	0.14	mg/Kg	1	☼	6010D	Total/NA
Thallium	0.82	J	1.1	0.54	mg/Kg	1	☼	6010D	Total/NA
Vanadium	20		0.54	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	31		2.2	0.95	mg/Kg	1	☼	6010D	Total/NA
Iron	0.24		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	6.2		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.68		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.034		0.018	0.0076	mg/Kg	1	☼	7471B	Total/NA
pH	7.1		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B20 (1-5)D — Lab Sample ID: 500-268848-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenanthrene	0.0087	J	0.036	0.0078	mg/Kg	1	☼	8270E	Total/NA
PCB-1248	0.030		0.019	0.0088	mg/Kg	1	☼	8082A	Total/NA
Arsenic	3.5		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	85		1.0	0.12	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.39	J	0.41	0.096	mg/Kg	1	☼	6010D	Total/NA
Boron	5.6		5.2	0.48	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.074	J	0.21	0.037	mg/Kg	1	☼	6010D	Total/NA
Chromium	24		1.0	0.51	mg/Kg	1	☼	6010D	Total/NA
Cobalt	8.6		2.6	0.68	mg/Kg	5	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B20 (1-5)D (Continued) — Lab Sample ID: 500-268848-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	20		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Iron	18000		21	11	mg/Kg	1	☼	6010D	Total/NA
Lead	8.4		0.52	0.24	mg/Kg	1	☼	6010D	Total/NA
Magnesium	3200		10	5.1	mg/Kg	1	☼	6010D	Total/NA
Manganese	330		1.0	0.15	mg/Kg	1	☼	6010D	Total/NA
Nickel	18		1.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Silver	0.55		0.52	0.13	mg/Kg	1	☼	6010D	Total/NA
Thallium	0.87	J	1.0	0.52	mg/Kg	1	☼	6010D	Total/NA
Vanadium	48		2.6	0.61	mg/Kg	5	☼	6010D	Total/NA
Zinc	34		2.1	0.91	mg/Kg	1	☼	6010D	Total/NA
Iron	0.48		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	3.0		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.76		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.024		0.017	0.0072	mg/Kg	1	☼	7471B	Total/NA
pH	7.5		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B20 (5-12) — Lab Sample ID: 500-268848-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.016	J	0.017	0.0070	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0033	J	0.0042	0.0018	mg/Kg	1	☼	8260D	Total/NA
Arsenic	1.6		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Barium	80		1.1	0.12	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.42	J	0.43	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	3.5	J	5.4	0.50	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.15	J	0.21	0.039	mg/Kg	1	☼	6010D	Total/NA
Chromium	17		1.1	0.53	mg/Kg	1	☼	6010D	Total/NA
Cobalt	5.6		0.54	0.14	mg/Kg	1	☼	6010D	Total/NA
Copper	11		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Iron	11000		21	11	mg/Kg	1	☼	6010D	Total/NA
Lead	6.8		0.54	0.25	mg/Kg	1	☼	6010D	Total/NA
Magnesium	2200		11	5.3	mg/Kg	1	☼	6010D	Total/NA
Manganese	77		1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	14		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Vanadium	22		0.54	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	34		2.1	0.94	mg/Kg	1	☼	6010D	Total/NA
Iron	0.24		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	0.79		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.066		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.034		0.019	0.0078	mg/Kg	1	☼	7471B	Total/NA
pH	6.9		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B21 (1-5) — Lab Sample ID: 500-268848-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0053	J	0.011	0.0046	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0017	J	0.0028	0.00051	mg/Kg	1	☼	8260D	Total/NA
cis-1,2-Dichloroethene	0.074		0.0011	0.00045	mg/Kg	1	☼	8260D	Total/NA
1,1-Dichloroethene	0.00085	J	0.0011	0.00045	mg/Kg	1	☼	8260D	Total/NA
trans-1,2-Dichloroethene	0.0027		0.0011	0.00042	mg/Kg	1	☼	8260D	Total/NA
Trichloroethene	0.0019		0.0011	0.00030	mg/Kg	1	☼	8260D	Total/NA
Vinyl chloride	0.0038	*+ *1	0.0011	0.00045	mg/Kg	1	☼	8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B21 (1-5) (Continued)

Lab Sample ID: 500-268848-21

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.030	J	0.037	0.0076	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.078		0.037	0.0077	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.19		0.037	0.0079	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.16		0.037	0.036	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.28		0.037	0.036	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.15		0.037	0.017	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.088		0.037	0.014	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.039	J	0.19	0.015	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.29		0.037	0.0099	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.11	J	0.19	0.013	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.024	J	0.19	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.48		0.037	0.0087	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.048		0.037	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.13		0.037	0.036	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.32		0.076	0.0075	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.20		0.037	0.0068	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.62		0.037	0.0081	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.38		0.037	0.010	mg/Kg	1	☼	8270E	Total/NA
PCB-1254	0.075		0.019	0.0065	mg/Kg	1	☼	8082A	Total/NA
Arsenic	4.0		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Barium	93		1.1	0.12	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.55		0.44	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	7.6		5.4	0.51	mg/Kg	1	☼	6010D	Total/NA
Cadmium	1.7		0.22	0.039	mg/Kg	1	☼	6010D	Total/NA
Chromium	26		1.1	0.54	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.1		2.7	0.71	mg/Kg	5	☼	6010D	Total/NA
Copper	26		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Iron	19000		22	11	mg/Kg	1	☼	6010D	Total/NA
Lead	110		0.54	0.25	mg/Kg	1	☼	6010D	Total/NA
Magnesium	3900		11	5.4	mg/Kg	1	☼	6010D	Total/NA
Manganese	400		1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	24		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Thallium	2.4		1.1	0.54	mg/Kg	1	☼	6010D	Total/NA
Vanadium	34		2.7	0.64	mg/Kg	5	☼	6010D	Total/NA
Zinc	86		2.2	0.96	mg/Kg	1	☼	6010D	Total/NA
Iron	0.89		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	9.3		0.010	0.0023	mg/L	1		6010D	TCLP
Lead	0.068		0.0050	0.0027	mg/L	1		6010D	TCLP
Manganese	1.3		0.010	0.0023	mg/L	1		6010D	SPLP East
Lead	0.41		0.0050	0.0027	mg/L	1		6010D	SPLP East
Mercury	0.030		0.017	0.0072	mg/Kg	1	☼	7471B	Total/NA
pH	7.4		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B21 (5-12)

Lab Sample ID: 500-268848-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.029		0.017	0.0072	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0083		0.0043	0.0019	mg/Kg	1	☼	8260D	Total/NA
Fluoranthene	0.018	J	0.039	0.0091	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.012	J	0.039	0.0085	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.013	J	0.039	0.011	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B21 (5-12) (Continued) — Lab Sample ID: 500-268848-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.0		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	93		1.0	0.12	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.61		0.41	0.096	mg/Kg	1	☼	6010D	Total/NA
Boron	5.7		5.1	0.48	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.33		0.21	0.037	mg/Kg	1	☼	6010D	Total/NA
Chromium	19		1.0	0.51	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.0		0.51	0.13	mg/Kg	1	☼	6010D	Total/NA
Copper	14		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Iron	15000		21	11	mg/Kg	1	☼	6010D	Total/NA
Lead	9.9		0.51	0.24	mg/Kg	1	☼	6010D	Total/NA
Magnesium	2900		10	5.1	mg/Kg	1	☼	6010D	Total/NA
Manganese	74		1.0	0.15	mg/Kg	1	☼	6010D	Total/NA
Nickel	17		1.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Thallium	0.61	J	1.0	0.51	mg/Kg	1	☼	6010D	Total/NA
Vanadium	33		0.51	0.12	mg/Kg	1	☼	6010D	Total/NA
Zinc	49		2.1	0.90	mg/Kg	1	☼	6010D	Total/NA
Iron	0.96		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	1.1		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.10		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.039		0.019	0.0079	mg/Kg	1	☼	7471B	Total/NA
pH	6.5		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B22 (1-5) — Lab Sample ID: 500-268848-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.028	J	0.038	0.0078	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.050		0.038	0.0079	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.062		0.038	0.0082	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.080		0.038	0.037	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.042		0.038	0.017	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.027	J	0.038	0.015	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.11		0.038	0.010	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.10	J	0.19	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.19		0.038	0.0090	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.063		0.038	0.011	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.35		0.078	0.0077	mg/Kg	1	☼	8270E	Total/NA
2-Methylphenol	0.023	J	0.19	0.020	mg/Kg	1	☼	8270E	Total/NA
3 & 4 Methylphenol	0.049	J	0.19	0.028	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.24		0.038	0.0070	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.34		0.038	0.0084	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.22		0.038	0.011	mg/Kg	1	☼	8270E	Total/NA
PCB-1254	0.055		0.019	0.0066	mg/Kg	1	☼	8082A	Total/NA
Arsenic	18		5.8	2.0	mg/Kg	5	☼	6010D	Total/NA
Barium	64		1.2	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.79	J	2.3	0.55	mg/Kg	5	☼	6010D	Total/NA
Boron	11		5.8	0.54	mg/Kg	1	☼	6010D	Total/NA
Cadmium	3.5		1.2	0.21	mg/Kg	5	☼	6010D	Total/NA
Chromium	150		1.2	0.58	mg/Kg	1	☼	6010D	Total/NA
Cobalt	11		2.9	0.77	mg/Kg	5	☼	6010D	Total/NA
Copper	270		5.8	1.6	mg/Kg	5	☼	6010D	Total/NA
Iron	83000		120	61	mg/Kg	5	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B22 (1-5) (Continued) — Lab Sample ID: 500-268848-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	75		2.9	1.3	mg/Kg	5	☼	6010D	Total/NA
Magnesium	3700		12	5.8	mg/Kg	1	☼	6010D	Total/NA
Manganese	1000		1.2	0.17	mg/Kg	1	☼	6010D	Total/NA
Nickel	160		5.8	1.7	mg/Kg	5	☼	6010D	Total/NA
Selenium	1.3		1.2	0.69	mg/Kg	1	☼	6010D	Total/NA
Thallium	7.1		5.8	2.9	mg/Kg	5	☼	6010D	Total/NA
Vanadium	19		2.9	0.69	mg/Kg	5	☼	6010D	Total/NA
Zinc	86		12	5.1	mg/Kg	5	☼	6010D	Total/NA
Manganese	1.4		0.010	0.0023	mg/L	1		6010D	TCLP
Nickel	0.022		0.010	0.0048	mg/L	1		6010D	TCLP
Manganese	0.098		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.0078	J	0.019	0.0078	mg/Kg	1	☼	7471B	Total/NA
pH	7.1		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B22 (5-12) — Lab Sample ID: 500-268848-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.025		0.018	0.0075	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0062		0.0045	0.0020	mg/Kg	1	☼	8260D	Total/NA
Arsenic	1.9		1.4	0.46	mg/Kg	1	☼	6010D	Total/NA
Barium	120		1.4	0.15	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.69		0.54	0.13	mg/Kg	1	☼	6010D	Total/NA
Boron	6.5	J	6.8	0.63	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.34		0.27	0.049	mg/Kg	1	☼	6010D	Total/NA
Chromium	21		1.4	0.67	mg/Kg	1	☼	6010D	Total/NA
Cobalt	5.8		0.68	0.18	mg/Kg	1	☼	6010D	Total/NA
Copper	18		1.4	0.38	mg/Kg	1	☼	6010D	Total/NA
Iron	14000		27	14	mg/Kg	1	☼	6010D	Total/NA
Lead	11		0.68	0.31	mg/Kg	1	☼	6010D	Total/NA
Magnesium	3000		14	6.7	mg/Kg	1	☼	6010D	Total/NA
Manganese	120		1.4	0.20	mg/Kg	1	☼	6010D	Total/NA
Nickel	20		1.4	0.39	mg/Kg	1	☼	6010D	Total/NA
Vanadium	35		0.68	0.16	mg/Kg	1	☼	6010D	Total/NA
Zinc	48		2.7	1.2	mg/Kg	1	☼	6010D	Total/NA
Iron	0.32		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	0.84		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.087		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.041		0.020	0.0082	mg/Kg	1	☼	7471B	Total/NA
pH	6.4		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B23 (1-5) — Lab Sample ID: 500-268848-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0082	J	0.012	0.0050	mg/Kg	1	☼	8260D	Total/NA
Vinyl chloride	0.00079	J	0.0012	0.00049	mg/Kg	1	☼	8260D	Total/NA
Acenaphthene	0.24		0.073	0.015	mg/Kg	2	☼	8270E	Total/NA
Acenaphthylene	0.043	J	0.073	0.012	mg/Kg	2	☼	8270E	Total/NA
Anthracene	0.85		0.073	0.015	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]anthracene	2.0		0.073	0.016	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]pyrene	2.1		0.073	0.071	mg/Kg	2	☼	8270E	Total/NA
Benzo[b]fluoranthene	3.0		0.073	0.070	mg/Kg	2	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1.6		0.073	0.033	mg/Kg	2	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B23 (1-5) (Continued)

Lab Sample ID: 500-268848-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[k]fluoranthene	1.0		0.073	0.028	mg/Kg	2	☼	8270E	Total/NA
Carbazole	0.22	J	0.37	0.029	mg/Kg	2	☼	8270E	Total/NA
Chrysene	2.4		0.073	0.019	mg/Kg	2	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.40		0.073	0.073	mg/Kg	2	☼	8270E	Total/NA
Dibenzofuran	0.21	J	0.37	0.026	mg/Kg	2	☼	8270E	Total/NA
Fluoranthene	5.4		0.073	0.017	mg/Kg	2	☼	8270E	Total/NA
Fluorene	0.30		0.073	0.022	mg/Kg	2	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1.6		0.073	0.071	mg/Kg	2	☼	8270E	Total/NA
2-Methylnaphthalene	0.23		0.15	0.015	mg/Kg	2	☼	8270E	Total/NA
Naphthalene	0.21		0.073	0.013	mg/Kg	2	☼	8270E	Total/NA
Phenanthrene	2.8		0.073	0.016	mg/Kg	2	☼	8270E	Total/NA
Pyrene	4.1		0.073	0.020	mg/Kg	2	☼	8270E	Total/NA
PCB-1254	0.31		0.093	0.032	mg/Kg	5	☼	8082A	Total/NA
Antimony	0.98	J	1.9	0.37	mg/Kg	1	☼	6010D	Total/NA
Arsenic	5.6		0.94	0.32	mg/Kg	1	☼	6010D	Total/NA
Barium	160		0.94	0.11	mg/Kg	1	☼	6010D	Total/NA
Beryllium	1.3		0.38	0.088	mg/Kg	1	☼	6010D	Total/NA
Boron	29		4.7	0.44	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.98		0.19	0.034	mg/Kg	1	☼	6010D	Total/NA
Chromium	49		0.94	0.47	mg/Kg	1	☼	6010D	Total/NA
Cobalt	9.0		2.3	0.62	mg/Kg	5	☼	6010D	Total/NA
Copper	50		0.94	0.26	mg/Kg	1	☼	6010D	Total/NA
Iron	25000		19	9.8	mg/Kg	1	☼	6010D	Total/NA
Lead	310		0.47	0.22	mg/Kg	1	☼	6010D	Total/NA
Magnesium	4100		9.4	4.7	mg/Kg	1	☼	6010D	Total/NA
Manganese	460		0.94	0.14	mg/Kg	1	☼	6010D	Total/NA
Nickel	33		0.94	0.27	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.73	J	0.94	0.55	mg/Kg	1	☼	6010D	Total/NA
Silver	0.20	J	0.47	0.12	mg/Kg	1	☼	6010D	Total/NA
Thallium	2.8		0.94	0.47	mg/Kg	1	☼	6010D	Total/NA
Vanadium	34		2.3	0.55	mg/Kg	5	☼	6010D	Total/NA
Zinc	260		1.9	0.83	mg/Kg	1	☼	6010D	Total/NA
Manganese	3.6		0.010	0.0023	mg/L	1		6010D	TCLP
Lead	0.13		0.0050	0.0027	mg/L	1		6010D	TCLP
Manganese	0.030		0.010	0.0023	mg/L	1		6010D	SPLP East
Lead	0.12		0.0050	0.0027	mg/L	1		6010D	SPLP East
Mercury	0.18		0.018	0.0075	mg/Kg	1	☼	7471B	Total/NA
pH	7.9		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B23 (5-12)

Lab Sample ID: 500-268848-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.012	J	0.015	0.0065	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0018	J	0.0039	0.0017	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.027	J	0.044	0.0094	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.022	J	0.044	0.020	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.029	J	0.044	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.042	J	0.044	0.010	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.046	J	0.089	0.0089	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.038	J	0.044	0.0080	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.057		0.044	0.0096	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B23 (5-12) (Continued) — Lab Sample ID: 500-268848-26

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.040	J	0.044	0.012	mg/Kg	1	☼	8270E	Total/NA
Arsenic	2.4		1.2	0.40	mg/Kg	1	☼	6010D	Total/NA
Barium	140		1.2	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.70		0.46	0.11	mg/Kg	1	☼	6010D	Total/NA
Boron	9.1		5.8	0.54	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.36		0.23	0.042	mg/Kg	1	☼	6010D	Total/NA
Chromium	22		1.2	0.57	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.9		0.58	0.15	mg/Kg	1	☼	6010D	Total/NA
Copper	18		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Iron	16000		23	12	mg/Kg	1	☼	6010D	Total/NA
Lead	15		0.58	0.27	mg/Kg	1	☼	6010D	Total/NA
Magnesium	3100		12	5.8	mg/Kg	1	☼	6010D	Total/NA
Manganese	260		1.2	0.17	mg/Kg	1	☼	6010D	Total/NA
Nickel	24		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Thallium	1.7		1.2	0.58	mg/Kg	1	☼	6010D	Total/NA
Vanadium	33		0.58	0.14	mg/Kg	1	☼	6010D	Total/NA
Zinc	62		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Iron	0.36		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	6.1		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.93		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.043		0.021	0.0085	mg/Kg	1	☼	7471B	Total/NA
pH	7.0		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B24 (1-5) — Lab Sample ID: 500-268848-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.020		0.017	0.0070	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0054		0.0042	0.0018	mg/Kg	1	☼	8260D	Total/NA
Toluene	0.00037	J	0.0017	0.00034	mg/Kg	1	☼	8260D	Total/NA
Xylenes, Total	0.0016	J	0.0033	0.00057	mg/Kg	1	☼	8260D	Total/NA
Acenaphthene	16		0.075	0.015	mg/Kg	2	☼	8270E	Total/NA
Acenaphthylene	0.26		0.075	0.013	mg/Kg	2	☼	8270E	Total/NA
Anthracene	11		0.075	0.015	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]anthracene	14		0.075	0.016	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]pyrene	13		0.075	0.073	mg/Kg	2	☼	8270E	Total/NA
Benzo[b]fluoranthene	17		0.075	0.072	mg/Kg	2	☼	8270E	Total/NA
Benzo[g,h,i]perylene	8.7		0.075	0.034	mg/Kg	2	☼	8270E	Total/NA
Benzo[k]fluoranthene	5.9		0.075	0.029	mg/Kg	2	☼	8270E	Total/NA
Carbazole	7.7		0.38	0.030	mg/Kg	2	☼	8270E	Total/NA
Chrysene	17		0.075	0.020	mg/Kg	2	☼	8270E	Total/NA
Dibenz(a,h)anthracene	2.3		0.075	0.075	mg/Kg	2	☼	8270E	Total/NA
Dibenzofuran	11		0.38	0.027	mg/Kg	2	☼	8270E	Total/NA
Fluorene	14		0.075	0.022	mg/Kg	2	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	8.8		0.075	0.074	mg/Kg	2	☼	8270E	Total/NA
2-Methylnaphthalene	6.1		0.15	0.015	mg/Kg	2	☼	8270E	Total/NA
Naphthalene	20		0.075	0.014	mg/Kg	2	☼	8270E	Total/NA
Fluoranthene - DL	54		0.75	0.18	mg/Kg	20	☼	8270E	Total/NA
Phenanthrene - DL	75		0.75	0.16	mg/Kg	20	☼	8270E	Total/NA
Pyrene - DL	43		0.75	0.21	mg/Kg	20	☼	8270E	Total/NA
4,4'-DDE	13		10	5.1	ug/Kg	5	☼	8081B	Total/NA
4,4'-DDD	15		10	5.3	ug/Kg	5	☼	8081B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B24 (1-5) (Continued) — Lab Sample ID: 500-268848-27

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	0.088		0.020	0.0067	mg/Kg	1	☼	8082A	Total/NA
Antimony	6.7		2.2	0.43	mg/Kg	1	☼	6010D	Total/NA
Arsenic	6.8		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	150		1.1	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.75		0.44	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	19		5.6	0.52	mg/Kg	1	☼	6010D	Total/NA
Cadmium	1.0		0.22	0.040	mg/Kg	1	☼	6010D	Total/NA
Chromium	110		1.1	0.55	mg/Kg	1	☼	6010D	Total/NA
Cobalt	11		0.56	0.15	mg/Kg	1	☼	6010D	Total/NA
Copper	40		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Iron	22000		22	12	mg/Kg	1	☼	6010D	Total/NA
Lead	780		2.8	1.3	mg/Kg	5	☼	6010D	Total/NA
Magnesium	22000		11	5.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	640		1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	27		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Thallium	3.6		1.1	0.55	mg/Kg	1	☼	6010D	Total/NA
Vanadium	27		0.56	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	180		2.2	0.97	mg/Kg	1	☼	6010D	Total/NA
Iron	0.14	J	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	4.8		0.010	0.0023	mg/L	1		6010D	TCLP
Lead	0.018		0.0050	0.0027	mg/L	1		6010D	TCLP
Manganese	0.026		0.010	0.0023	mg/L	1		6010D	SPLP East
Lead	0.018		0.0050	0.0027	mg/L	1		6010D	SPLP East
Antimony	0.0061		0.0030	0.0013	mg/L	1		6020B	TCLP
Antimony	0.0087		0.0030	0.0013	mg/L	1		6020B	SPLP East
Mercury	0.062		0.018	0.0074	mg/Kg	1	☼	7471B	Total/NA
pH	7.5		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B24 (5-12) — Lab Sample ID: 500-268848-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.027		0.019	0.0082	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0037	J	0.0049	0.0021	mg/Kg	1	☼	8260D	Total/NA
Acenaphthene	0.021	J	0.041	0.0083	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.045		0.041	0.0084	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.093		0.041	0.0087	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.089		0.041	0.040	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.13		0.041	0.039	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.073		0.041	0.018	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.039	J	0.041	0.016	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.024	J	0.21	0.016	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.11		0.041	0.011	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.021	J	0.21	0.015	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.26		0.041	0.0095	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.022	J	0.041	0.012	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.069		0.041	0.040	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.025	J	0.083	0.0082	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.053		0.041	0.0074	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.22		0.041	0.0089	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.20		0.041	0.011	mg/Kg	1	☼	8270E	Total/NA
Arsenic	2.5		1.2	0.40	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B24 (5-12) (Continued)

Lab Sample ID: 500-268848-28

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	81		1.2	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.72		0.47	0.11	mg/Kg	1	☼	6010D	Total/NA
Boron	6.7		5.8	0.54	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.20	J	0.23	0.042	mg/Kg	1	☼	6010D	Total/NA
Chromium	22		1.2	0.58	mg/Kg	1	☼	6010D	Total/NA
Cobalt	9.9		0.58	0.15	mg/Kg	1	☼	6010D	Total/NA
Copper	12		1.2	0.33	mg/Kg	1	☼	6010D	Total/NA
Iron	17000		23	12	mg/Kg	1	☼	6010D	Total/NA
Lead	13		0.58	0.27	mg/Kg	1	☼	6010D	Total/NA
Magnesium	4700		12	5.8	mg/Kg	1	☼	6010D	Total/NA
Manganese	160		1.2	0.17	mg/Kg	1	☼	6010D	Total/NA
Nickel	21		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Thallium	1.2		1.2	0.58	mg/Kg	1	☼	6010D	Total/NA
Vanadium	37		0.58	0.14	mg/Kg	1	☼	6010D	Total/NA
Zinc	58		2.3	1.0	mg/Kg	1	☼	6010D	Total/NA
Iron	0.16	J	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	2.5		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.049		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.039		0.020	0.0083	mg/Kg	1	☼	7471B	Total/NA
pH	7.1		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B25 (1-5)

Lab Sample ID: 500-268848-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0078	J	0.012	0.0052	mg/Kg	1	☼	8260D	Total/NA
cis-1,2-Dichloroethene	0.0024		0.0012	0.00049	mg/Kg	1	☼	8260D	Total/NA
Trichloroethene	0.00085	J	0.0012	0.00033	mg/Kg	1	☼	8260D	Total/NA
Benzo[a]anthracene	0.024	J	0.037	0.0078	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.024	J	0.037	0.0098	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.043		0.037	0.0086	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.011	J	0.037	0.0067	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.030	J	0.037	0.0080	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.041		0.037	0.010	mg/Kg	1	☼	8270E	Total/NA
PCB-1248	0.083		0.019	0.0090	mg/Kg	1	☼	8082A	Total/NA
Arsenic	4.4		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	77		1.1	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.56		0.44	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	8.4		5.5	0.51	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.13	J	0.22	0.040	mg/Kg	1	☼	6010D	Total/NA
Chromium	19		1.1	0.54	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.8		2.7	0.72	mg/Kg	5	☼	6010D	Total/NA
Copper	17		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Iron	16000		22	11	mg/Kg	1	☼	6010D	Total/NA
Lead	30		0.55	0.25	mg/Kg	1	☼	6010D	Total/NA
Magnesium	3100		11	5.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	600		1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	19		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Thallium	3.5		1.1	0.55	mg/Kg	1	☼	6010D	Total/NA
Vanadium	37		2.7	0.65	mg/Kg	5	☼	6010D	Total/NA
Zinc	43		2.2	0.97	mg/Kg	1	☼	6010D	Total/NA
Iron	0.26		0.20	0.082	mg/L	1		6010D	TCLP

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B25 (1-5) (Continued) — Lab Sample ID: 500-268848-29

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	7.5		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.26		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.021		0.018	0.0075	mg/Kg	1	☼	7471B	Total/NA
pH	7.1		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B25 (5-12) — Lab Sample ID: 500-268848-30

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.031		0.019	0.0080	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0087		0.0047	0.0021	mg/Kg	1	☼	8260D	Total/NA
Chrysene	0.012	J	0.040	0.011	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.026	J	0.040	0.0094	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.013	J	0.040	0.0088	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.013	J	0.040	0.011	mg/Kg	1	☼	8270E	Total/NA
Arsenic	2.2		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Barium	130		1.1	0.12	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.61		0.43	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	9.4		5.4	0.50	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.29		0.22	0.039	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.1	0.54	mg/Kg	1	☼	6010D	Total/NA
Cobalt	5.9		0.54	0.14	mg/Kg	1	☼	6010D	Total/NA
Copper	16		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA
Iron	13000		22	11	mg/Kg	1	☼	6010D	Total/NA
Lead	11		0.54	0.25	mg/Kg	1	☼	6010D	Total/NA
Magnesium	3000		11	5.4	mg/Kg	1	☼	6010D	Total/NA
Manganese	210		1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	20		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Thallium	1.1		1.1	0.54	mg/Kg	1	☼	6010D	Total/NA
Vanadium	31		0.54	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	50		2.2	0.95	mg/Kg	1	☼	6010D	Total/NA
Iron	0.25		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	1.2		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.088		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.039	F1	0.020	0.0083	mg/Kg	1	☼	7471B	Total/NA
pH	7.4		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B25 (5-12)D — Lab Sample ID: 500-268848-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.038		0.017	0.0071	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0099		0.0042	0.0018	mg/Kg	1	☼	8260D	Total/NA
Carbon disulfide	0.0027	J	0.0042	0.00077	mg/Kg	1	☼	8260D	Total/NA
Arsenic	1.7		1.2	0.42	mg/Kg	1	☼	6010D	Total/NA
Barium	130		1.2	0.14	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.64		0.50	0.12	mg/Kg	1	☼	6010D	Total/NA
Boron	6.8		6.2	0.58	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.30		0.25	0.045	mg/Kg	1	☼	6010D	Total/NA
Chromium	22		1.2	0.61	mg/Kg	1	☼	6010D	Total/NA
Cobalt	6.6		0.62	0.16	mg/Kg	1	☼	6010D	Total/NA
Copper	17		1.2	0.35	mg/Kg	1	☼	6010D	Total/NA
Iron	13000		25	13	mg/Kg	1	☼	6010D	Total/NA
Lead	11		0.62	0.29	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B25 (5-12)D (Continued) — Lab Sample ID: 500-268848-31

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	3600		12	6.1	mg/Kg	1	☼	6010D	Total/NA
Manganese	120		1.2	0.18	mg/Kg	1	☼	6010D	Total/NA
Nickel	20		1.2	0.36	mg/Kg	1	☼	6010D	Total/NA
Thallium	0.66	J	1.2	0.62	mg/Kg	1	☼	6010D	Total/NA
Vanadium	33		0.62	0.15	mg/Kg	1	☼	6010D	Total/NA
Zinc	54		2.5	1.1	mg/Kg	1	☼	6010D	Total/NA
Iron	1.8		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	1.3		0.010	0.0023	mg/L	1		6010D	TCLP
Chromium	0.0035	J	0.010	0.0017	mg/L	1		6010D	TCLP
Manganese	0.078		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.043		0.020	0.0081	mg/Kg	1	☼	7471B	Total/NA
pH	7.4		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B26 (1-5) — Lab Sample ID: 500-268848-32

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.6		1.0	0.35	mg/Kg	1	☼	6010D	Total/NA
Barium	130		1.0	0.12	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.75		0.41	0.097	mg/Kg	1	☼	6010D	Total/NA
Boron	8.3		5.2	0.48	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.093	J	0.21	0.037	mg/Kg	1	☼	6010D	Total/NA
Chromium	31		1.0	0.51	mg/Kg	1	☼	6010D	Total/NA
Cobalt	13		2.6	0.68	mg/Kg	5	☼	6010D	Total/NA
Copper	25		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Iron	23000		21	11	mg/Kg	1	☼	6010D	Total/NA
Lead	10		0.52	0.24	mg/Kg	1	☼	6010D	Total/NA
Magnesium	5100		10	5.1	mg/Kg	1	☼	6010D	Total/NA
Manganese	800		1.0	0.15	mg/Kg	1	☼	6010D	Total/NA
Nickel	31		1.0	0.30	mg/Kg	1	☼	6010D	Total/NA
Thallium	4.7		1.0	0.52	mg/Kg	1	☼	6010D	Total/NA
Vanadium	56		2.6	0.61	mg/Kg	5	☼	6010D	Total/NA
Zinc	58		2.1	0.91	mg/Kg	1	☼	6010D	Total/NA
Iron	0.57		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	0.14		0.010	0.0023	mg/L	1		6010D	TCLP
Mercury	0.025		0.019	0.0077	mg/Kg	1	☼	7471B	Total/NA
pH	7.5		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B26 (5-12) — Lab Sample ID: 500-268848-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0088	J	0.013	0.0053	mg/Kg	1	☼	8260D	Total/NA
Anthracene	0.020	J	0.037	0.0075	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.030	J	0.037	0.0078	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.037		0.037	0.035	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.026	J	0.037	0.017	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.036	J	0.037	0.0097	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.031	J	0.19	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.051		0.037	0.0086	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.015	J	0.037	0.011	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.12		0.075	0.0074	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.094		0.037	0.0067	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.12		0.037	0.0080	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B26 (5-12) (Continued)

Lab Sample ID: 500-268848-33

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	0.047		0.037	0.010	mg/Kg	1	☼	8270E	Total/NA
Arsenic	5.2		1.1	0.38	mg/Kg	1	☼	6010D	Total/NA
Barium	97		1.1	0.13	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.65		0.45	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	8.3		5.6	0.52	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.11	J	0.22	0.040	mg/Kg	1	☼	6010D	Total/NA
Chromium	25		1.1	0.55	mg/Kg	1	☼	6010D	Total/NA
Cobalt	13		2.8	0.73	mg/Kg	5	☼	6010D	Total/NA
Copper	22		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Iron	22000		22	12	mg/Kg	1	☼	6010D	Total/NA
Lead	17		0.56	0.26	mg/Kg	1	☼	6010D	Total/NA
Magnesium	4100		11	5.5	mg/Kg	1	☼	6010D	Total/NA
Manganese	200		1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	29		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Thallium	1.6		1.1	0.56	mg/Kg	1	☼	6010D	Total/NA
Vanadium	50		2.8	0.66	mg/Kg	5	☼	6010D	Total/NA
Zinc	56		2.2	0.98	mg/Kg	1	☼	6010D	Total/NA
Iron	1.1		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	4.3		0.010	0.0023	mg/L	1		6010D	TCLP
Chromium	0.0023	J	0.010	0.0017	mg/L	1		6010D	TCLP
Manganese	1.2		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.022		0.019	0.0079	mg/Kg	1	☼	7471B	Total/NA
pH	7.3		0.2	0.2	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B12 (1-5)
Date Collected: 05/22/25 08:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-1
Matrix: Solid
Percent Solids: 80.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.0078	J	0.015	0.0065	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Benzene	<0.0015		0.0015	0.00048	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Bromodichloromethane	<0.0015		0.0015	0.00049	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Bromoform	<0.0015		0.0015	0.00090	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Bromomethane	<0.0038		0.0038	0.0019	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
2-Butanone (MEK)	<0.0038		0.0038	0.0017	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Carbon disulfide	<0.0038		0.0038	0.00071	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Carbon tetrachloride	<0.0015		0.0015	0.00052	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Chlorobenzene	<0.0015		0.0015	0.00065	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Chloroethane	<0.0038		0.0038	0.0013	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Chloromethane	<0.0038		0.0038	0.00075	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00062	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00062	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Dibromochloromethane	<0.0015		0.0015	0.00071	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
1,1-Dichloroethane	<0.0015		0.0015	0.00058	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
1,2-Dichloroethane	<0.0038		0.0038	0.0010	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
1,1-Dichloroethene	<0.0015		0.0015	0.00063	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
1,2-Dichloropropane	<0.0015		0.0015	0.00040	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Ethylbenzene	<0.0015		0.0015	0.00081	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
2-Hexanone	<0.0038		0.0038	0.0023	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Methylene Chloride	<0.0038		0.0038	0.0016	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
4-Methyl-2-pentanone (MIBK)	<0.0038		0.0038	0.0027	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00050	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Styrene	<0.0015		0.0015	0.00069	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
1,1,2,2-Tetrachloroethane	<0.0015	*+	0.0015	0.00076	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Tetrachloroethene	<0.0015		0.0015	0.00086	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Toluene	<0.0015		0.0015	0.00031	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00058	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00074	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00062	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00058	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Trichloroethene	<0.0015		0.0015	0.00042	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Vinyl acetate	<0.0038		0.0038	0.00092	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Vinyl chloride	<0.0015		0.0015	0.00063	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
Xylenes, Total	<0.0031		0.0031	0.00053	mg/Kg	☼	05/23/25 18:10	05/30/25 12:28	1
1,3-Dichloropropene, Total	<1.5		1.5	0.74	ug/Kg	☼	05/23/25 18:10	05/30/25 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*75 - 131*	*05/23/25 18:10*	*05/30/25 12:28*	*1*
Dibromofluoromethane	*99*		*75 - 126*	*05/23/25 18:10*	*05/30/25 12:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 134*	*05/23/25 18:10*	*05/30/25 12:28*	*1*
Toluene-d8 (Surr)	*94*		*75 - 124*	*05/23/25 18:10*	*05/30/25 12:28*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.040	F1	0.040	0.0082	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Acenaphthylene	<0.040	F1	0.040	0.0069	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Anthracene	<0.040		0.040	0.0083	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Benzo[a]anthracene	<0.040	F1	0.040	0.0086	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B12 (1-5)
Date Collected: 05/22/25 08:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-1
Matrix: Solid
Percent Solids: 80.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.040		0.040	0.039	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Benzo[b]fluoranthene	<0.040	F1	0.040	0.038	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Benzo[g,h,i]perylene	<0.040	F1	0.040	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Benzo[k]fluoranthene	<0.040		0.040	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
4-Bromophenyl phenyl ether	<0.20	F1	0.20	0.028	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
4-Chloroaniline	<0.82		0.82	0.42	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
4-Chloro-3-methylphenol	<0.40		0.40	0.034	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
2-Chloronaphthalene	<0.20	F1	0.20	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
2-Chlorophenol	<0.20	F1	0.20	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
4-Chlorophenyl phenyl ether	<0.20	F1	0.20	0.053	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Dibenzofuran	<0.20	F1	0.20	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
1,2-Dichlorobenzene	<0.20	F1	0.20	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
1,3-Dichlorobenzene	<0.20	F1	0.20	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
1,4-Dichlorobenzene	<0.20	F1	0.20	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.18	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
2,4-Dichlorophenol	<0.40	F1	0.40	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Diethyl phthalate	<0.20		0.20	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
2,4-Dimethylphenol	<0.40	F1	0.40	0.090	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Dimethyl phthalate	<0.20	F1	0.20	0.0088	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.23	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
2,4-Dinitrophenol	<0.82		0.82	0.23	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
2,4-Dinitrotoluene	<0.20	F1	0.20	0.023	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
2,6-Dinitrotoluene	<0.20	F1	0.20	0.028	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Fluoranthene	<0.040		0.040	0.0094	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Hexachlorobenzene	<0.082	F1	0.082	0.0077	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Hexachlorobutadiene	<0.20	F1	0.20	0.023	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Hexachlorocyclopentadiene	<0.82		0.82	0.43	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Indeno[1,2,3-cd]pyrene	<0.040	F1	0.040	0.039	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Isophorone	<0.20		0.20	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
2-Methylnaphthalene	<0.082	F1	0.082	0.0081	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
3 & 4 Methylphenol	<0.20		0.20	0.030	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Naphthalene	<0.040	F1	0.040	0.0073	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
2-Nitroaniline	<0.20		0.20	0.022	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B12 (1-5)
Date Collected: 05/22/25 08:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-1
Matrix: Solid
Percent Solids: 80.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.82		0.82	0.44	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.023	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
N-Nitrosodiphenylamine	<0.20		0.20	0.080	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Pentachlorophenol	<0.82		0.82	0.45	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Phenanthrene	<0.040		0.040	0.0088	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Phenol	<0.20		0.20	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
Pyrene	<0.040		0.040	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
1,2,4-Trichlorobenzene	<0.20	F1	0.20	0.029	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*69*		*43 - 145*	*05/29/25 07:31*	*05/29/25 23:04*	*1*
2-Fluorophenol	*79*		*31 - 166*	*05/29/25 07:31*	*05/29/25 23:04*	*1*
Nitrobenzene-d5 (Surr)	*83*		*37 - 147*	*05/29/25 07:31*	*05/29/25 23:04*	*1*
Phenol-d5	*82*		*30 - 153*	*05/29/25 07:31*	*05/29/25 23:04*	*1*
Terphenyl-d14 (Surr)	*83*		*42 - 157*	*05/29/25 07:31*	*05/29/25 23:04*	*1*
2,4,6-Tribromophenol	*58*		*31 - 143*	*05/29/25 07:31*	*05/29/25 23:04*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<2.1		2.1	1.2	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
beta-BHC	<2.1		2.1	1.7	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
delta-BHC	<2.1		2.1	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
gamma-BHC (Lindane)	<2.1		2.1	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
Heptachlor	<2.1		2.1	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
Aldrin	<2.1		2.1	1.4	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
Heptachlor epoxide	<2.1		2.1	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
Endosulfan I	<2.1		2.1	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
Dieldrin	<2.1		2.1	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
4,4'-DDE	<2.1		2.1	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
Endrin	<2.1		2.1	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
Endosulfan II	<2.1		2.1	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
4,4'-DDD	<2.1		2.1	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
Endosulfan sulfate	<2.1		2.1	1.2	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
4,4'-DDT	<2.1		2.1	0.99	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
Methoxychlor	<10		10	1.4	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
Endrin ketone	<2.1		2.1	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
Endrin aldehyde	<2.1		2.1	1.2	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
alpha-Chlordane	<2.1		2.1	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
gamma-Chlordane	<2.1		2.1	1.2	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1
Toxaphene	<21		21	8.3	ug/Kg	☼	05/28/25 14:20	05/30/25 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*61*		*33 - 148*	*05/28/25 14:20*	*05/30/25 13:29*	*1*
Tetrachloro-m-xylene	*56*		*30 - 121*	*05/28/25 14:20*	*05/30/25 13:29*	*1*

Client Sample ID: 5-B12 (1-5)

Date Collected: 05/22/25 08:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-1

Matrix: Solid
Percent Solids: 80.0

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.021		0.021	0.0081	mg/Kg	☼	05/28/25 14:20	05/29/25 16:38	1
PCB-1221	<0.021		0.021	0.0081	mg/Kg	☼	05/28/25 14:20	05/29/25 16:38	1
PCB-1232	<0.021		0.021	0.0056	mg/Kg	☼	05/28/25 14:20	05/29/25 16:38	1
PCB-1242	<0.021		0.021	0.0080	mg/Kg	☼	05/28/25 14:20	05/29/25 16:38	1
PCB-1248	<0.021		0.021	0.0098	mg/Kg	☼	05/28/25 14:20	05/29/25 16:38	1
PCB-1254	<0.021		0.021	0.0070	mg/Kg	☼	05/28/25 14:20	05/29/25 16:38	1
PCB-1260	<0.021		0.021	0.0078	mg/Kg	☼	05/28/25 14:20	05/29/25 16:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*62*		*49 - 129*	*05/28/25 14:20*	*05/29/25 16:38*	*1*
DCB Decachlorobiphenyl	*83*		*37 - 121*	*05/28/25 14:20*	*05/29/25 16:38*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.47**	**J F1**	2.4	0.47	mg/Kg	☼	05/28/25 14:50	05/29/25 10:50	1
Arsenic	**6.6**	**F1**	1.2	0.41	mg/Kg	☼	05/28/25 14:50	05/29/25 10:50	1
Barium	**110**		1.2	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 10:50	1
Beryllium	**0.64**		0.48	0.11	mg/Kg	☼	05/28/25 14:50	05/29/25 10:50	1
Boron	**7.7**		6.0	0.56	mg/Kg	☼	05/28/25 14:50	05/29/25 10:50	1
Cadmium	**0.24**		0.24	0.044	mg/Kg	☼	05/28/25 14:50	05/29/25 10:50	1
Chromium	**30**		1.2	0.60	mg/Kg	☼	05/28/25 14:50	05/29/25 10:50	1
Cobalt	**15**		3.0	0.79	mg/Kg	☼	05/28/25 14:50	05/30/25 19:02	5
Copper	**37**	**F1**	1.2	0.34	mg/Kg	☼	05/28/25 14:50	05/29/25 10:50	1
Iron	**28000**		24	13	mg/Kg	☼	05/28/25 14:50	05/29/25 10:50	1
Lead	**9.3**		0.60	0.28	mg/Kg	☼	05/28/25 14:50	05/29/25 10:50	1
Magnesium	**6000**		12	6.0	mg/Kg	☼	05/28/25 14:50	05/29/25 10:50	1
Manganese	**900**		1.2	0.18	mg/Kg	☼	05/28/25 14:50	05/29/25 10:50	1
Nickel	**34**		1.2	0.35	mg/Kg	☼	05/28/25 14:50	05/29/25 10:50	1
Selenium	<1.2	F1	1.2	0.71	mg/Kg	☼	05/28/25 14:50	05/29/25 10:50	1
Silver	**1.7**	**F1**	0.60	0.16	mg/Kg	☼	05/28/25 14:50	05/29/25 10:50	1
Thallium	**1.8**		1.2	0.60	mg/Kg	☼	05/28/25 14:50	05/29/25 10:50	1
Vanadium	**67**		3.0	0.71	mg/Kg	☼	05/28/25 14:50	05/30/25 19:02	5
Zinc	**53**		2.4	1.1	mg/Kg	☼	05/28/25 14:50	05/29/25 10:50	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.48**		0.20	0.082	mg/L		05/29/25 14:52	06/04/25 20:05	1
Manganese	**0.011**		0.010	0.0023	mg/L		05/29/25 14:52	06/04/25 20:05	1
Chromium	**0.0021**	**J B**	0.010	0.0017	mg/L		05/29/25 14:52	06/04/25 20:05	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.026**		0.020	0.0084	mg/Kg	☼	06/03/25 14:55	06/04/25 08:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.14	mg/Kg	☼	05/28/25 14:35	05/28/25 17:02	1
pH (SW846 9045D)	**7.9**		0.2	0.2	SU			05/27/25 15:57	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B12 (5-12)
Date Collected: 05/22/25 08:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-2
Matrix: Solid
Percent Solids: 78.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.016**	***3**	0.016	0.0065	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Benzene	<0.0016	*3	0.0016	0.00049	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Bromodichloromethane	<0.0016	*3	0.0016	0.00050	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Bromoform	<0.0016	*3	0.0016	0.00091	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Bromomethane	<0.0039	*3 *1	0.0039	0.0019	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
2-Butanone (MEK)	<0.0039	*3	0.0039	0.0017	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Carbon disulfide	<0.0039	*3	0.0039	0.00072	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Carbon tetrachloride	<0.0016	*3	0.0016	0.00053	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Chlorobenzene	<0.0016	*3	0.0016	0.00066	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Chloroethane	<0.0039	*3 *1	0.0039	0.0013	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Chloroform	<0.0016	*3	0.0016	0.0011	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Chloromethane	<0.0039	*3	0.0039	0.00075	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
cis-1,2-Dichloroethene	<0.0016	*3	0.0016	0.00063	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
cis-1,3-Dichloropropene	<0.0016	*3	0.0016	0.00062	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Dibromochloromethane	<0.0016	*3	0.0016	0.00072	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
1,1-Dichloroethane	<0.0016	*3	0.0016	0.00059	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
1,2-Dichloroethane	<0.0039	*3	0.0039	0.0010	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
1,1-Dichloroethene	<0.0016	*3	0.0016	0.00064	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
1,2-Dichloropropane	<0.0016	*3	0.0016	0.00040	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Ethylbenzene	<0.0016	*3	0.0016	0.00082	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
2-Hexanone	<0.0039	*3	0.0039	0.0024	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Methylene Chloride	<0.0039	*3	0.0039	0.0017	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
4-Methyl-2-pentanone (MIBK)	<0.0039	*3	0.0039	0.0028	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Methyl tert-butyl ether	<0.0016	*3	0.0016	0.00050	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Styrene	<0.0016	*3	0.0016	0.00070	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
1,1,2,2-Tetrachloroethane	<0.0016	*3	0.0016	0.00077	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Tetrachloroethene	<0.0016	*3	0.0016	0.00087	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Toluene	<0.0016	*3	0.0016	0.00031	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
trans-1,2-Dichloroethene	<0.0016	*3	0.0016	0.00059	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
trans-1,3-Dichloropropene	<0.0016	*3	0.0016	0.00075	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
1,1,1-Trichloroethane	<0.0016	*3	0.0016	0.00063	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
1,1,2-Trichloroethane	<0.0016	*3	0.0016	0.00058	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Trichloroethene	<0.0016	*3	0.0016	0.00042	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Vinyl acetate	<0.0039	*3	0.0039	0.00093	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Vinyl chloride	<0.0016	*3 *+ *1	0.0016	0.00064	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
Xylenes, Total	<0.0031	*3	0.0031	0.00053	mg/Kg	☼	05/23/25 18:10	06/03/25 13:31	1
1,3-Dichloropropene, Total	<1.6		1.6	0.75	ug/Kg	☼	05/23/25 18:10	06/03/25 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*	**3*	*75 - 131*	*05/23/25 18:10*	*06/03/25 13:31*	*1*
Dibromofluoromethane	*108*	**3*	*75 - 126*	*05/23/25 18:10*	*06/03/25 13:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*122*	**3*	*70 - 134*	*05/23/25 18:10*	*06/03/25 13:31*	*1*
Toluene-d8 (Surr)	*93*	**3*	*75 - 124*	*05/23/25 18:10*	*06/03/25 13:31*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.040		0.040	0.0081	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Acenaphthylene	<0.040		0.040	0.0068	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Anthracene	<0.040		0.040	0.0082	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Benzo[a]anthracene	<0.040		0.040	0.0085	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B12 (5-12)
Date Collected: 05/22/25 08:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-2
Matrix: Solid
Percent Solids: 78.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.040		0.040	0.039	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Benzo[b]fluoranthene	<0.040		0.040	0.038	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Benzo[g,h,i]perylene	<0.040		0.040	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Benzo[k]fluoranthene	<0.040		0.040	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
4-Chloroaniline	<0.81		0.81	0.42	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
4-Chloro-3-methylphenol	<0.40		0.40	0.033	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.17	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
2,4-Dimethylphenol	<0.40		0.40	0.090	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Dimethyl phthalate	<0.20		0.20	0.0087	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.23	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
2,4-Dinitrophenol	<0.81		0.81	0.23	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Fluoranthene	<0.040		0.040	0.0093	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Hexachlorobenzene	<0.081		0.081	0.0077	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Hexachlorocyclopentadiene	<0.81		0.81	0.42	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.039	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Isophorone	<0.20		0.20	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
2-Methylnaphthalene	<0.081		0.081	0.0080	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Naphthalene	<0.040		0.040	0.0072	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1

Client Sample ID: 5-B12 (5-12)

Date Collected: 05/22/25 08:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-2

Matrix: Solid
Percent Solids: 78.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.81		0.81	0.43	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.023	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
N-Nitrosodiphenylamine	<0.20		0.20	0.079	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Pentachlorophenol	<0.81		0.81	0.45	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Phenanthrene	**0.010**	**J**	0.040	0.0087	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Phenol	<0.20		0.20	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
Pyrene	<0.040		0.040	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*43 - 145*	*05/29/25 07:31*	*05/29/25 15:33*	*1*
2-Fluorophenol	*94*		*31 - 166*	*05/29/25 07:31*	*05/29/25 15:33*	*1*
Nitrobenzene-d5 (Surr)	*93*		*37 - 147*	*05/29/25 07:31*	*05/29/25 15:33*	*1*
Phenol-d5	*96*		*30 - 153*	*05/29/25 07:31*	*05/29/25 15:33*	*1*
Terphenyl-d14 (Surr)	*96*		*42 - 157*	*05/29/25 07:31*	*05/29/25 15:33*	*1*
2,4,6-Tribromophenol	*68*		*31 - 143*	*05/29/25 07:31*	*05/29/25 15:33*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.3		2.3	0.46	mg/Kg	☼	05/28/25 14:50	05/29/25 11:12	1
Arsenic	**3.5**		1.2	0.40	mg/Kg	☼	05/28/25 14:50	05/29/25 11:12	1
Barium	**58**		1.2	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 11:12	1
Beryllium	**0.42**	**J**	0.47	0.11	mg/Kg	☼	05/28/25 14:50	05/29/25 11:12	1
Boron	**6.8**		5.9	0.55	mg/Kg	☼	05/28/25 14:50	05/29/25 11:12	1
Cadmium	**0.14**	**J**	0.23	0.042	mg/Kg	☼	05/28/25 14:50	05/29/25 11:12	1
Chromium	**24**		1.2	0.58	mg/Kg	☼	05/28/25 14:50	05/29/25 11:12	1
Cobalt	**11**		2.9	0.77	mg/Kg	☼	05/28/25 14:50	05/30/25 19:32	5
Copper	**20**		1.2	0.33	mg/Kg	☼	05/28/25 14:50	05/29/25 11:12	1
Iron	**17000**		23	12	mg/Kg	☼	05/28/25 14:50	05/29/25 11:12	1
Lead	**8.1**		0.59	0.27	mg/Kg	☼	05/28/25 14:50	05/29/25 11:12	1
Magnesium	**3500**		12	5.8	mg/Kg	☼	05/28/25 14:50	05/29/25 11:12	1
Manganese	**380**		1.2	0.17	mg/Kg	☼	05/28/25 14:50	05/29/25 11:12	1
Nickel	**21**		1.2	0.34	mg/Kg	☼	05/28/25 14:50	05/29/25 11:12	1
Selenium	<1.2		1.2	0.69	mg/Kg	☼	05/28/25 14:50	05/29/25 11:12	1
Silver	**0.58**	**J**	0.59	0.15	mg/Kg	☼	05/28/25 14:50	05/29/25 11:12	1
Thallium	**0.96**	**J**	1.2	0.59	mg/Kg	☼	05/28/25 14:50	05/29/25 11:12	1
Vanadium	**51**		2.9	0.69	mg/Kg	☼	05/28/25 14:50	05/30/25 19:32	5
Zinc	**36**		2.3	1.0	mg/Kg	☼	05/28/25 14:50	05/29/25 11:12	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.52**		0.20	0.082	mg/L		05/29/25 14:52	06/04/25 20:18	1
Manganese	**0.14**		0.010	0.0023	mg/L		05/29/25 14:52	06/04/25 20:18	1
Chromium	**0.0031**	**J B**	0.010	0.0017	mg/L		05/29/25 14:52	06/04/25 20:18	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B12 (5-12)
Date Collected: 05/22/25 08:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-2
Matrix: Solid
Percent Solids: 78.1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.021	0.0085	mg/Kg	☼	06/03/25 14:55	06/04/25 08:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.13	mg/Kg	☼	05/28/25 14:35	05/28/25 17:04	1
pH (SW846 9045D)	7.2		0.2	0.2	SU			05/27/25 16:00	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B13 (1-5)
Date Collected: 05/22/25 09:20
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-3
Matrix: Solid
Percent Solids: 90.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.018		0.018	0.0076	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Benzene	<0.0018		0.0018	0.00057	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Bromodichloromethane	<0.0018		0.0018	0.00058	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Bromoform	<0.0018		0.0018	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Bromomethane	<0.0045		0.0045	0.0022	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
2-Butanone (MEK)	<0.0045		0.0045	0.0020	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Carbon disulfide	<0.0045		0.0045	0.00083	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Carbon tetrachloride	<0.0018		0.0018	0.00062	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Chlorobenzene	<0.0018		0.0018	0.00076	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Chloroethane	<0.0045		0.0045	0.0015	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Chloroform	<0.0018		0.0018	0.0013	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Chloromethane	<0.0045		0.0045	0.00088	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00073	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00073	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Dibromochloromethane	<0.0018		0.0018	0.00084	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
1,1-Dichloroethane	<0.0018		0.0018	0.00068	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
1,2-Dichloroethane	<0.0045		0.0045	0.0012	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
1,1-Dichloroethene	<0.0018		0.0018	0.00075	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Ethylbenzene	<0.0018		0.0018	0.00095	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
2-Hexanone	<0.0045		0.0045	0.0028	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Methylene Chloride	<0.0045		0.0045	0.0019	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
4-Methyl-2-pentanone (MIBK)	<0.0045		0.0045	0.0032	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00058	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Styrene	<0.0018		0.0018	0.00082	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
1,1,2,2-Tetrachloroethane	<0.0018	*+	0.0018	0.00090	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Tetrachloroethene	<0.0018		0.0018	0.0010	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Toluene	<0.0018		0.0018	0.00036	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00068	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00087	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00073	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00068	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Trichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Vinyl acetate	<0.0045		0.0045	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Vinyl chloride	<0.0018		0.0018	0.00074	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
Xylenes, Total	<0.0036		0.0036	0.00062	mg/Kg	☼	05/23/25 18:10	05/30/25 13:20	1
1,3-Dichloropropene, Total	<1.8		1.8	0.87	ug/Kg	☼	05/23/25 18:10	05/30/25 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*75 - 131*	*05/23/25 18:10*	*05/30/25 13:20*	*1*
Dibromofluoromethane	*100*		*75 - 126*	*05/23/25 18:10*	*05/30/25 13:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 134*	*05/23/25 18:10*	*05/30/25 13:20*	*1*
Toluene-d8 (Surr)	*105*		*75 - 124*	*05/23/25 18:10*	*05/30/25 13:20*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.035		0.035	0.0071	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Acenaphthylene	<0.035		0.035	0.0060	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Anthracene	<0.035		0.035	0.0072	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Benzo[a]anthracene	**0.040**		0.035	0.0075	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B13 (1-5)
Date Collected: 05/22/25 09:20
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-3
Matrix: Solid
Percent Solids: 90.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.048**		0.035	0.034	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Benzo[b]fluoranthene	**0.060**		0.035	0.033	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Benzo[g,h,i]perylene	**0.19**		0.035	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Benzo[k]fluoranthene	<0.035		0.035	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.024	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Butyl benzyl phthalate	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
4-Chloroaniline	<0.71		0.71	0.37	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
4-Chloro-3-methylphenol	<0.35		0.35	0.029	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
2-Chlorophenol	<0.18		0.18	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.046	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Chrysene	**0.057**		0.035	0.0093	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Dibenz(a,h)anthracene	<0.035		0.035	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Dibenzofuran	<0.18		0.18	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
1,2-Dichlorobenzene	<0.18		0.18	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.15	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
2,4-Dichlorophenol	<0.35		0.35	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
2,4-Dimethylphenol	<0.35		0.35	0.079	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Dimethyl phthalate	<0.18		0.18	0.0076	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
4,6-Dinitro-2-methylphenol	<0.71		0.71	0.20	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
2,4-Dinitrophenol	<0.71		0.71	0.20	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
2,6-Dinitrotoluene	<0.18		0.18	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Di-n-octyl phthalate	<0.35		0.35	0.25	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Fluoranthene	**0.043**		0.035	0.0082	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Fluorene	**0.018**	**J**	0.035	0.010	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Hexachlorobenzene	<0.071		0.071	0.0067	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Hexachlorocyclopentadiene	<0.71		0.71	0.37	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Indeno[1,2,3-cd]pyrene	**0.036**		0.035	0.034	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Isophorone	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
2-Methylnaphthalene	**0.032**	**J**	0.071	0.0071	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Naphthalene	**0.0096**	**J**	0.035	0.0064	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
3-Nitroaniline	<0.35		0.35	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
4-Nitroaniline	<0.35		0.35	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Nitrobenzene	<0.035		0.035	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
2-Nitrophenol	<0.35		0.35	0.024	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B13 (1-5)
Date Collected: 05/22/25 09:20
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-3
Matrix: Solid
Percent Solids: 90.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.71		0.71	0.38	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
N-Nitrosodi-n-propylamine	<0.071		0.071	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
N-Nitrosodiphenylamine	<0.18		0.18	0.070	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Pentachlorophenol	<0.71		0.71	0.39	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Phenanthrene	**0.12**		0.035	0.0076	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Phenol	<0.18		0.18	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
Pyrene	**0.096**		0.035	0.0096	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
2,4,5-Trichlorophenol	<0.35		0.35	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1
2,4,6-Trichlorophenol	<0.35		0.35	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 15:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*89*		*43 - 145*	*05/29/25 07:31*	*05/29/25 15:57*	*1*
2-Fluorophenol	*96*		*31 - 166*	*05/29/25 07:31*	*05/29/25 15:57*	*1*
Nitrobenzene-d5 (Surr)	*99*		*37 - 147*	*05/29/25 07:31*	*05/29/25 15:57*	*1*
Phenol-d5	*98*		*30 - 153*	*05/29/25 07:31*	*05/29/25 15:57*	*1*
Terphenyl-d14 (Surr)	*95*		*42 - 157*	*05/29/25 07:31*	*05/29/25 15:57*	*1*
2,4,6-Tribromophenol	*65*		*31 - 143*	*05/29/25 07:31*	*05/29/25 15:57*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.8		1.8	0.99	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
beta-BHC	<1.8		1.8	1.4	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
delta-BHC	<1.8		1.8	0.84	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
gamma-BHC (Lindane)	<1.8		1.8	0.88	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
Heptachlor	<1.8		1.8	0.95	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
Aldrin	<1.8		1.8	1.2	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
Heptachlor epoxide	<1.8		1.8	0.95	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
Endosulfan I	<1.8		1.8	0.95	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
Dieldrin	<1.8		1.8	0.92	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
4,4'-DDE	<1.8		1.8	0.91	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
Endrin	<1.8		1.8	0.90	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
Endosulfan II	<1.8		1.8	0.97	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
4,4'-DDD	<1.8		1.8	0.95	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
Endosulfan sulfate	<1.8		1.8	0.98	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
4,4'-DDT	<1.8		1.8	0.84	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
Methoxychlor	<8.7		8.7	1.2	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
Endrin ketone	<1.8		1.8	0.86	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
Endrin aldehyde	<1.8		1.8	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
alpha-Chlordane	<1.8		1.8	0.94	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
gamma-Chlordane	<1.8		1.8	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1
Toxaphene	<17		17	7.0	ug/Kg	☼	05/28/25 14:20	05/30/25 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*68*		*33 - 148*	*05/28/25 14:20*	*05/30/25 14:04*	*1*
Tetrachloro-m-xylene	*73*		*30 - 121*	*05/28/25 14:20*	*05/30/25 14:04*	*1*

Client Sample ID: 5-B13 (1-5)

Date Collected: 05/22/25 09:20
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-3

Matrix: Solid
Percent Solids: 90.9

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.017		0.017	0.0068	mg/Kg	☼	05/28/25 14:20	05/29/25 17:23	1
PCB-1221	<0.017		0.017	0.0068	mg/Kg	☼	05/28/25 14:20	05/29/25 17:23	1
PCB-1232	<0.017		0.017	0.0047	mg/Kg	☼	05/28/25 14:20	05/29/25 17:23	1
PCB-1242	<0.017		0.017	0.0068	mg/Kg	☼	05/28/25 14:20	05/29/25 17:23	1
PCB-1248	<0.017		0.017	0.0083	mg/Kg	☼	05/28/25 14:20	05/29/25 17:23	1
PCB-1254	<0.017		0.017	0.0059	mg/Kg	☼	05/28/25 14:20	05/29/25 17:23	1
PCB-1260	<0.017		0.017	0.0066	mg/Kg	☼	05/28/25 14:20	05/29/25 17:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*64*		*49 - 129*	*05/28/25 14:20*	*05/29/25 17:23*	*1*
DCB Decachlorobiphenyl	*94*		*37 - 121*	*05/28/25 14:20*	*05/29/25 17:23*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.1		2.1	0.41	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1
Arsenic	**2.3**		1.0	0.36	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1
Barium	**25**		1.0	0.12	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1
Beryllium	**0.79**		0.42	0.097	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1
Boron	**13**		5.2	0.49	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1
Cadmium	**0.059**	**J**	0.21	0.038	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1
Chromium	**11**		1.0	0.52	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1
Cobalt	**28**		0.52	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1
Copper	**14**		1.0	0.29	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1
Iron	**14000**		21	11	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1
Lead	**9.3**		0.52	0.24	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1
Magnesium	**1500**		10	5.2	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1
Manganese	**820**		1.0	0.15	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1
Nickel	**31**		1.0	0.30	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1
Selenium	**0.65**	**J**	1.0	0.61	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1
Silver	**1.5**		0.52	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1
Thallium	**1.5**		1.0	0.52	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1
Vanadium	**11**		0.52	0.12	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1
Zinc	**37**		2.1	0.92	mg/Kg	☼	05/28/25 14:50	05/29/25 11:16	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**3.4**		0.20	0.082	mg/L		05/29/25 14:52	06/04/25 20:23	1
Manganese	**0.69**		0.010	0.0023	mg/L		05/29/25 14:52	06/04/25 20:23	1
Cobalt	**0.059**		0.0050	0.00078	mg/L		05/29/25 14:52	06/04/25 20:23	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.028**		0.010	0.0023	mg/L		05/28/25 13:01	05/30/25 01:23	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0090**	**J**	0.018	0.0072	mg/Kg	☼	06/03/25 14:55	06/04/25 08:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.25		0.25	0.12	mg/Kg	☼	05/28/25 14:35	05/28/25 17:06	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B13 (1-5)
Date Collected: 05/22/25 09:20
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-3
Matrix: Solid
Percent Solids: 90.9

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.5		0.2	0.2	SU			05/27/25 16:02	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B13 (5-12)
Date Collected: 05/22/25 09:25
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-4
Matrix: Solid
Percent Solids: 81.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0083	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Benzene	<0.0020		0.0020	0.00062	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Bromomethane	<0.0049		0.0049	0.0024	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
2-Butanone (MEK)	<0.0049		0.0049	0.0022	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Carbon disulfide	<0.0049		0.0049	0.00091	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Carbon tetrachloride	<0.0020		0.0020	0.00067	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Chloroethane	<0.0049		0.0049	0.0016	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Chloromethane	<0.0049		0.0049	0.00096	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00080	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00079	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Dibromochloromethane	<0.0020		0.0020	0.00092	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
1,2-Dichloroethane	<0.0049		0.0049	0.0013	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
1,1-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
1,2-Dichloropropane	<0.0020		0.0020	0.00051	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Ethylbenzene	<0.0020		0.0020	0.0010	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
2-Hexanone	<0.0049		0.0049	0.0030	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Methylene Chloride	<0.0049		0.0049	0.0021	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
4-Methyl-2-pentanone (MIBK)	<0.0049		0.0049	0.0035	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00064	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Styrene	<0.0020		0.0020	0.00089	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
1,1,2,2-Tetrachloroethane	<0.0020	*+	0.0020	0.00098	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00075	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00095	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00080	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00074	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Vinyl acetate	<0.0049		0.0049	0.0012	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Vinyl chloride	<0.0020		0.0020	0.00081	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
Xylenes, Total	<0.0040		0.0040	0.00068	mg/Kg	☼	05/23/25 18:10	05/30/25 13:46	1
1,3-Dichloropropene, Total	<2.0		2.0	0.95	ug/Kg	☼	05/23/25 18:10	05/30/25 13:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*75 - 131*	*05/23/25 18:10*	*05/30/25 13:46*	*1*
Dibromofluoromethane	*101*		*75 - 126*	*05/23/25 18:10*	*05/30/25 13:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 134*	*05/23/25 18:10*	*05/30/25 13:46*	*1*
Toluene-d8 (Surr)	*98*		*75 - 124*	*05/23/25 18:10*	*05/30/25 13:46*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.039		0.039	0.0080	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Acenaphthylene	<0.039		0.039	0.0067	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Anthracene	**0.021**	**J**	0.039	0.0081	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Benzo[a]anthracene	**0.080**		0.039	0.0084	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1

Client Sample ID: 5-B13 (5-12)
Date Collected: 05/22/25 09:25
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-4
Matrix: Solid
Percent Solids: 81.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.062**		0.039	0.038	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Benzo[b]fluoranthene	**0.087**		0.039	0.038	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Benzo[g,h,i]perylene	**0.040**		0.039	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Benzo[k]fluoranthene	**0.038**	**J**	0.039	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
4-Chloroaniline	<0.80		0.80	0.41	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
4-Chloro-3-methylphenol	<0.39		0.39	0.033	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.052	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Chrysene	**0.076**		0.039	0.010	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.17	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
2,4-Dimethylphenol	<0.39		0.39	0.088	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Dimethyl phthalate	<0.20		0.20	0.0086	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
4,6-Dinitro-2-methylphenol	<0.80		0.80	0.22	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
2,4-Dinitrophenol	<0.80		0.80	0.23	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Di-n-octyl phthalate	<0.39		0.39	0.28	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Fluoranthene	**0.16**		0.039	0.0092	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Fluorene	<0.039		0.039	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Hexachlorobenzene	<0.080		0.080	0.0076	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Hexachlorocyclopentadiene	<0.80		0.80	0.42	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Indeno[1,2,3-cd]pyrene	**0.041**		0.039	0.038	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Isophorone	<0.20		0.20	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
2-Methylnaphthalene	<0.080		0.080	0.0079	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Naphthalene	<0.039		0.039	0.0071	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
2-Nitrophenol	<0.39		0.39	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1

Client Sample ID: 5-B13 (5-12)
Date Collected: 05/22/25 09:25
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-4
Matrix: Solid
Percent Solids: 81.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.80		0.80	0.43	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
N-Nitrosodi-n-propylamine	<0.080		0.080	0.023	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
N-Nitrosodiphenylamine	<0.20		0.20	0.078	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Pentachlorophenol	<0.80		0.80	0.44	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Phenanthrene	**0.081**		0.039	0.0086	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Phenol	<0.20		0.20	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
Pyrene	**0.14**		0.039	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
2,4,5-Trichlorophenol	<0.39		0.39	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*86*		*43 - 145*	*05/29/25 07:31*	*05/29/25 16:21*	*1*
2-Fluorophenol	*95*		*31 - 166*	*05/29/25 07:31*	*05/29/25 16:21*	*1*
Nitrobenzene-d5 (Surr)	*95*		*37 - 147*	*05/29/25 07:31*	*05/29/25 16:21*	*1*
Phenol-d5	*96*		*30 - 153*	*05/29/25 07:31*	*05/29/25 16:21*	*1*
Terphenyl-d14 (Surr)	*91*		*42 - 157*	*05/29/25 07:31*	*05/29/25 16:21*	*1*
2,4,6-Tribromophenol	*70*		*31 - 143*	*05/29/25 07:31*	*05/29/25 16:21*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.43	mg/Kg	☼	05/28/25 14:50	05/29/25 11:20	1
Arsenic	**4.4**		1.1	0.38	mg/Kg	☼	05/28/25 14:50	05/29/25 11:20	1
Barium	**77**		1.1	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 11:20	1
Beryllium	**0.37**	**J**	0.44	0.10	mg/Kg	☼	05/28/25 14:50	05/29/25 11:20	1
Boron	**11**		5.5	0.52	mg/Kg	☼	05/28/25 14:50	05/29/25 11:20	1
Cadmium	**0.14**	**J**	0.22	0.040	mg/Kg	☼	05/28/25 14:50	05/29/25 11:20	1
Chromium	**20**		1.1	0.55	mg/Kg	☼	05/28/25 14:50	05/29/25 11:20	1
Cobalt	**8.3**		2.8	0.72	mg/Kg	☼	05/28/25 14:50	05/30/25 19:36	5
Copper	**21**		1.1	0.31	mg/Kg	☼	05/28/25 14:50	05/29/25 11:20	1
Iron	**16000**		22	11	mg/Kg	☼	05/28/25 14:50	05/29/25 11:20	1
Lead	**7.8**		0.55	0.26	mg/Kg	☼	05/28/25 14:50	05/29/25 11:20	1
Magnesium	**5700**		11	5.5	mg/Kg	☼	05/28/25 14:50	05/29/25 11:20	1
Manganese	**490**		1.1	0.16	mg/Kg	☼	05/28/25 14:50	05/29/25 11:20	1
Nickel	**18**		1.1	0.32	mg/Kg	☼	05/28/25 14:50	05/29/25 11:20	1
Selenium	<1.1		1.1	0.65	mg/Kg	☼	05/28/25 14:50	05/29/25 11:20	1
Silver	**0.90**		0.55	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 11:20	1
Thallium	**1.2**		1.1	0.55	mg/Kg	☼	05/28/25 14:50	05/29/25 11:20	1
Vanadium	**38**		2.8	0.65	mg/Kg	☼	05/28/25 14:50	05/30/25 19:36	5
Zinc	**36**		2.2	0.97	mg/Kg	☼	05/28/25 14:50	05/29/25 11:20	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.51**		0.20	0.082	mg/L		05/29/25 14:52	06/04/25 20:27	1
Manganese	**1.7**		0.010	0.0023	mg/L		05/29/25 14:52	06/04/25 20:27	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.053**		0.010	0.0023	mg/L		05/28/25 13:01	05/30/25 01:28	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B13 (5-12)
Date Collected: 05/22/25 09:25
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-4
Matrix: Solid
Percent Solids: 81.5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.019	0.0081	mg/Kg	☼	06/03/25 14:55	06/04/25 08:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.28		0.28	0.14	mg/Kg	☼	05/28/25 14:35	05/28/25 17:07	1
pH (SW846 9045D)	8.0		0.2	0.2	SU			05/27/25 16:05	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B14 (1-5)
Date Collected: 05/22/25 09:55
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-5
Matrix: Solid
Percent Solids: 79.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.017		0.017	0.0073	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Benzene	<0.0017		0.0017	0.00055	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Bromodichloromethane	<0.0017		0.0017	0.00056	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Bromoform	<0.0017		0.0017	0.0010	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Bromomethane	<0.0043		0.0043	0.0021	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
2-Butanone (MEK)	<0.0043		0.0043	0.0019	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Carbon disulfide	<0.0043		0.0043	0.00080	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Carbon tetrachloride	<0.0017		0.0017	0.00059	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Chlorobenzene	<0.0017		0.0017	0.00073	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Chloroethane	<0.0043		0.0043	0.0014	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Chloroform	<0.0017		0.0017	0.0013	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Chloromethane	<0.0043		0.0043	0.00084	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00070	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00070	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Dibromochloromethane	<0.0017		0.0017	0.00081	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
1,1-Dichloroethane	<0.0017		0.0017	0.00066	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
1,2-Dichloroethane	<0.0043		0.0043	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
1,1-Dichloroethene	<0.0017		0.0017	0.00072	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
1,2-Dichloropropane	<0.0017		0.0017	0.00045	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Ethylbenzene	<0.0017		0.0017	0.00091	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
2-Hexanone	<0.0043		0.0043	0.0026	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Methylene Chloride	<0.0043		0.0043	0.0019	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
4-Methyl-2-pentanone (MIBK)	<0.0043		0.0043	0.0031	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00056	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Styrene	<0.0017		0.0017	0.00078	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
1,1,2,2-Tetrachloroethane	<0.0017	*+	0.0017	0.00086	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Tetrachloroethene	<0.0017		0.0017	0.00098	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Toluene	<0.0017		0.0017	0.00035	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00066	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00083	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00070	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00065	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Trichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Vinyl acetate	<0.0043		0.0043	0.0010	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Vinyl chloride	<0.0017		0.0017	0.00071	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
Xylenes, Total	<0.0035		0.0035	0.00060	mg/Kg	☼	05/23/25 18:10	05/30/25 14:12	1
1,3-Dichloropropene, Total	<1.7		1.7	0.83	ug/Kg	☼	05/23/25 18:10	05/30/25 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*75 - 131*	*05/23/25 18:10*	*05/30/25 14:12*	*1*
Dibromofluoromethane	*100*		*75 - 126*	*05/23/25 18:10*	*05/30/25 14:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 134*	*05/23/25 18:10*	*05/30/25 14:12*	*1*
Toluene-d8 (Surr)	*105*		*75 - 124*	*05/23/25 18:10*	*05/30/25 14:12*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.040		0.040	0.0082	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Acenaphthylene	<0.040		0.040	0.0068	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Anthracene	<0.040		0.040	0.0082	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Benzo[a]anthracene	<0.040		0.040	0.0085	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B14 (1-5)
Date Collected: 05/22/25 09:55
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-5
Matrix: Solid
Percent Solids: 79.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.040		0.040	0.039	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Benzo[b]fluoranthene	<0.040		0.040	0.038	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Benzo[g,h,i]perylene	<0.040		0.040	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Benzo[k]fluoranthene	<0.040		0.040	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
4-Chloroaniline	<0.81		0.81	0.42	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
4-Chloro-3-methylphenol	<0.40		0.40	0.034	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Chrysene	<0.040		0.040	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.18	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
2,4-Dimethylphenol	<0.40		0.40	0.090	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Dimethyl phthalate	<0.20		0.20	0.0087	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
4,6-Dinitro-2-methylphenol	<0.81		0.81	0.23	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
2,4-Dinitrophenol	<0.81		0.81	0.23	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Fluoranthene	<0.040		0.040	0.0093	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Hexachlorobenzene	<0.081		0.081	0.0077	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Hexachlorocyclopentadiene	<0.81		0.81	0.43	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.039	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Isophorone	<0.20		0.20	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
2-Methylnaphthalene	<0.081		0.081	0.0081	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Naphthalene	<0.040		0.040	0.0073	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
2-Nitroaniline	<0.20		0.20	0.022	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1

Client Sample ID: 5-B14 (1-5)
Date Collected: 05/22/25 09:55
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-5
Matrix: Solid
Percent Solids: 79.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.81		0.81	0.43	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
N-Nitrosodi-n-propylamine	<0.081		0.081	0.023	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
N-Nitrosodiphenylamine	<0.20		0.20	0.080	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Pentachlorophenol	<0.81		0.81	0.45	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Phenanthrene	<0.040		0.040	0.0087	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Phenol	<0.20		0.20	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
Pyrene	<0.040		0.040	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*71*		*43 - 145*	*05/29/25 07:31*	*05/29/25 16:45*	*1*
2-Fluorophenol	*83*		*31 - 166*	*05/29/25 07:31*	*05/29/25 16:45*	*1*
Nitrobenzene-d5 (Surr)	*83*		*37 - 147*	*05/29/25 07:31*	*05/29/25 16:45*	*1*
Phenol-d5	*83*		*30 - 153*	*05/29/25 07:31*	*05/29/25 16:45*	*1*
Terphenyl-d14 (Surr)	*82*		*42 - 157*	*05/29/25 07:31*	*05/29/25 16:45*	*1*
2,4,6-Tribromophenol	*57*		*31 - 143*	*05/29/25 07:31*	*05/29/25 16:45*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<2.1		2.1	1.2	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
beta-BHC	<2.1		2.1	1.7	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
delta-BHC	<2.1		2.1	0.98	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
gamma-BHC (Lindane)	<2.1		2.1	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
Heptachlor	<2.1		2.1	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
Aldrin	<2.1		2.1	1.4	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
Heptachlor epoxide	<2.1		2.1	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
Endosulfan I	<2.1		2.1	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
Dieldrin	<2.1		2.1	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
4,4'-DDE	<2.1		2.1	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
Endrin	<2.1		2.1	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
Endosulfan II	<2.1		2.1	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
4,4'-DDD	<2.1		2.1	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
Endosulfan sulfate	<2.1		2.1	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
4,4'-DDT	<2.1		2.1	0.97	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
Methoxychlor	<10		10	1.3	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
Endrin ketone	<2.1		2.1	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
Endrin aldehyde	<2.1		2.1	1.2	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
alpha-Chlordane	<2.1		2.1	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
gamma-Chlordane	<2.1		2.1	1.2	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1
Toxaphene	<20		20	8.2	ug/Kg	☼	05/28/25 14:20	05/30/25 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*59*		*33 - 148*	*05/28/25 14:20*	*05/30/25 14:15*	*1*
Tetrachloro-m-xylene	*52*		*30 - 121*	*05/28/25 14:20*	*05/30/25 14:15*	*1*

Client Sample ID: 5-B14 (1-5)

Date Collected: 05/22/25 09:55
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-5

Matrix: Solid
Percent Solids: 79.7

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.020		0.020	0.0080	mg/Kg	☼	05/28/25 14:20	05/29/25 17:38	1
PCB-1221	<0.020		0.020	0.0080	mg/Kg	☼	05/28/25 14:20	05/29/25 17:38	1
PCB-1232	<0.020		0.020	0.0055	mg/Kg	☼	05/28/25 14:20	05/29/25 17:38	1
PCB-1242	<0.020		0.020	0.0079	mg/Kg	☼	05/28/25 14:20	05/29/25 17:38	1
PCB-1248	<0.020		0.020	0.0096	mg/Kg	☼	05/28/25 14:20	05/29/25 17:38	1
PCB-1254	<0.020		0.020	0.0069	mg/Kg	☼	05/28/25 14:20	05/29/25 17:38	1
PCB-1260	<0.020		0.020	0.0076	mg/Kg	☼	05/28/25 14:20	05/29/25 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*51*		*49 - 129*	*05/28/25 14:20*	*05/29/25 17:38*	*1*
DCB Decachlorobiphenyl	*71*		*37 - 121*	*05/28/25 14:20*	*05/29/25 17:38*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.3		2.3	0.45	mg/Kg	☼	05/28/25 14:50	05/29/25 11:34	1
Arsenic	**3.3**		1.2	0.39	mg/Kg	☼	05/28/25 14:50	05/29/25 11:34	1
Barium	**67**		1.2	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 11:34	1
Beryllium	**0.48**		0.46	0.11	mg/Kg	☼	05/28/25 14:50	05/29/25 11:34	1
Boron	**7.4**		5.8	0.54	mg/Kg	☼	05/28/25 14:50	05/29/25 11:34	1
Cadmium	**0.12**	**J**	0.23	0.041	mg/Kg	☼	05/28/25 14:50	05/29/25 11:34	1
Chromium	**25**		1.2	0.57	mg/Kg	☼	05/28/25 14:50	05/29/25 11:34	1
Cobalt	**14**		2.9	0.75	mg/Kg	☼	05/28/25 14:50	05/30/25 19:40	5
Copper	**22**		1.2	0.32	mg/Kg	☼	05/28/25 14:50	05/29/25 11:34	1
Iron	**19000**		23	12	mg/Kg	☼	05/28/25 14:50	05/29/25 11:34	1
Lead	**8.0**		0.58	0.27	mg/Kg	☼	05/28/25 14:50	05/29/25 11:34	1
Magnesium	**4500**		12	5.7	mg/Kg	☼	05/28/25 14:50	05/29/25 11:34	1
Manganese	**220**		1.2	0.17	mg/Kg	☼	05/28/25 14:50	05/29/25 11:34	1
Nickel	**22**		1.2	0.33	mg/Kg	☼	05/28/25 14:50	05/29/25 11:34	1
Selenium	<1.2		1.2	0.68	mg/Kg	☼	05/28/25 14:50	05/29/25 11:34	1
Silver	**0.34**	**J**	0.58	0.15	mg/Kg	☼	05/28/25 14:50	05/29/25 11:34	1
Thallium	**0.89**	**J**	1.2	0.57	mg/Kg	☼	05/28/25 14:50	05/29/25 11:34	1
Vanadium	**46**		2.9	0.68	mg/Kg	☼	05/28/25 14:50	05/30/25 19:40	5
Zinc	**48**		2.3	1.0	mg/Kg	☼	05/28/25 14:50	05/29/25 11:34	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.26**		0.20	0.082	mg/L		05/29/25 14:52	06/04/25 20:32	1
Manganese	**0.043**		0.010	0.0023	mg/L		05/29/25 14:52	06/04/25 20:32	1
Chromium	**0.0025**	**J B**	0.010	0.0017	mg/L		05/29/25 14:52	06/04/25 20:32	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.029**		0.020	0.0081	mg/Kg	☼	06/03/25 14:55	06/04/25 08:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.28		0.28	0.14	mg/Kg	☼	05/28/25 14:35	05/28/25 17:07	1
pH (SW846 9045D)	**7.4**		0.2	0.2	SU			05/27/25 16:07	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B14 (5-8)
Date Collected: 05/22/25 10:00
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-6
Matrix: Solid
Percent Solids: 84.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0081	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Benzene	<0.0019		0.0019	0.00061	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Bromodichloromethane	<0.0019		0.0019	0.00062	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Bromomethane	<0.0048		0.0048	0.0024	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
2-Butanone (MEK)	<0.0048		0.0048	0.0021	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Carbon disulfide	<0.0048		0.0048	0.00089	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Carbon tetrachloride	<0.0019		0.0019	0.00066	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Chlorobenzene	<0.0019		0.0019	0.00082	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Chloroethane	<0.0048		0.0048	0.0016	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Chloroform	<0.0019		0.0019	0.0014	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Chloromethane	<0.0048		0.0048	0.00094	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00078	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00078	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Dibromochloromethane	<0.0019		0.0019	0.00090	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
1,1-Dichloroethane	<0.0019		0.0019	0.00073	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
1,2-Dichloroethane	<0.0048		0.0048	0.0013	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
1,1-Dichloroethene	<0.0019		0.0019	0.00079	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Ethylbenzene	<0.0019		0.0019	0.0010	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
2-Hexanone	<0.0048		0.0048	0.0029	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Methylene Chloride	<0.0048		0.0048	0.0021	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
4-Methyl-2-pentanone (MIBK)	<0.0048		0.0048	0.0034	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00062	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Styrene	<0.0019		0.0019	0.00087	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
1,1,2,2-Tetrachloroethane	<0.0019	*+	0.0019	0.00096	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Tetrachloroethene	<0.0019		0.0019	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Toluene	<0.0019		0.0019	0.00039	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00073	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00093	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00078	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00072	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Trichloroethene	<0.0019		0.0019	0.00053	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Vinyl acetate	<0.0048		0.0048	0.0012	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Vinyl chloride	<0.0019		0.0019	0.00079	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
Xylenes, Total	<0.0039		0.0039	0.00066	mg/Kg	☼	05/23/25 18:10	05/30/25 14:38	1
1,3-Dichloropropene, Total	<1.9		1.9	0.93	ug/Kg	☼	05/23/25 18:10	05/30/25 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*75 - 131*	*05/23/25 18:10*	*05/30/25 14:38*	*1*
Dibromofluoromethane	*98*		*75 - 126*	*05/23/25 18:10*	*05/30/25 14:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*100*		*70 - 134*	*05/23/25 18:10*	*05/30/25 14:38*	*1*
Toluene-d8 (Surr)	*95*		*75 - 124*	*05/23/25 18:10*	*05/30/25 14:38*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.037		0.037	0.0075	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Anthracene	<0.037		0.037	0.0076	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Benzo[a]anthracene	<0.037		0.037	0.0078	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B14 (5-8)
Date Collected: 05/22/25 10:00
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-6
Matrix: Solid
Percent Solids: 84.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Benzo[b]fluoranthene	<0.037		0.037	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Benzo[g,h,i]perylene	**0.032**	**J**	0.037	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.14	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Butyl benzyl phthalate	<0.19		0.19	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
4-Chloroaniline	<0.75		0.75	0.39	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.048	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Chrysene	<0.037		0.037	0.0098	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
1,4-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
2,4-Dimethylphenol	<0.37		0.37	0.083	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Dimethyl phthalate	<0.19		0.19	0.0080	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.21	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
2,4-Dinitrophenol	<0.75		0.75	0.21	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Fluoranthene	<0.037		0.037	0.0086	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Hexachlorobenzene	<0.075		0.075	0.0071	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Hexachlorocyclopentadiene	<0.75		0.75	0.39	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Hexachloroethane	<0.19		0.19	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
2-Methylnaphthalene	<0.075		0.075	0.0074	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Naphthalene	<0.037		0.037	0.0067	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1

Client Sample ID: 5-B14 (5-8)
Date Collected: 05/22/25 10:00
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-6
Matrix: Solid
Percent Solids: 84.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.75		0.75	0.40	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
N-Nitrosodiphenylamine	<0.19		0.19	0.073	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Pentachlorophenol	<0.75		0.75	0.41	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Phenanthrene	<0.037		0.037	0.0080	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Phenol	<0.19		0.19	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
Pyrene	<0.037		0.037	0.010	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*43 - 145*	*05/29/25 07:31*	*05/29/25 17:08*	*1*
2-Fluorophenol	*86*		*31 - 166*	*05/29/25 07:31*	*05/29/25 17:08*	*1*
Nitrobenzene-d5 (Surr)	*93*		*37 - 147*	*05/29/25 07:31*	*05/29/25 17:08*	*1*
Phenol-d5	*95*		*30 - 153*	*05/29/25 07:31*	*05/29/25 17:08*	*1*
Terphenyl-d14 (Surr)	*94*		*42 - 157*	*05/29/25 07:31*	*05/29/25 17:08*	*1*
2,4,6-Tribromophenol	*59*		*31 - 143*	*05/29/25 07:31*	*05/29/25 17:08*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.44	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1
Arsenic	**4.5**		1.1	0.38	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1
Barium	**17**		1.1	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1
Beryllium	**0.40**	**J**	0.45	0.10	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1
Boron	**6.3**		5.6	0.52	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1
Cadmium	**0.073**	**J**	0.22	0.040	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1
Chromium	**39**		1.1	0.56	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1
Cobalt	**28**		0.56	0.15	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1
Copper	**4.2**		1.1	0.31	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1
Iron	**51000**		22	12	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1
Lead	**16**		0.56	0.26	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1
Magnesium	**320**		11	5.6	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1
Manganese	**2100**		1.1	0.16	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1
Nickel	**34**		1.1	0.33	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1
Selenium	**1.8**		1.1	0.66	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1
Silver	**4.1**		0.56	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1
Thallium	**3.2**		1.1	0.56	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1
Vanadium	**28**		0.56	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1
Zinc	**17**		2.2	0.98	mg/Kg	☼	05/28/25 14:50	05/29/25 11:38	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.20		0.20	0.082	mg/L		05/29/25 14:52	06/04/25 20:36	1
Manganese	**0.063**		0.010	0.0023	mg/L		05/29/25 14:52	06/04/25 20:36	1
Selenium	<0.010		0.010	0.0053	mg/L		05/29/25 14:52	06/04/25 20:36	1
Chromium	**0.0019**	**J B**	0.010	0.0017	mg/L		05/29/25 14:52	06/04/25 20:36	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		05/29/25 14:52	06/04/25 20:36	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B14 (5-8)
Date Collected: 05/22/25 10:00
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-6
Matrix: Solid
Percent Solids: 84.3

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.0020		0.0020	0.00057	mg/L		05/29/25 14:52	06/05/25 15:31	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.022**		0.018	0.0076	mg/Kg	☼	06/03/25 14:55	06/04/25 08:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.28**		0.26	0.13	mg/Kg	☼	05/28/25 14:35	05/28/25 17:09	1
pH (SW846 9045D)	**6.3**		0.2	0.2	SU			05/27/25 16:10	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B15 (1-5)
Date Collected: 05/22/25 10:50
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-7
Matrix: Solid
Percent Solids: 87.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.021**		0.013	0.0055	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Benzene	<0.0013		0.0013	0.00042	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Bromodichloromethane	<0.0013		0.0013	0.00042	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Bromoform	<0.0013		0.0013	0.00077	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Bromomethane	<0.0033		0.0033	0.0016	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
2-Butanone (MEK)	**0.0042**		0.0033	0.0015	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Carbon disulfide	<0.0033		0.0033	0.00061	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Carbon tetrachloride	<0.0013		0.0013	0.00045	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Chlorobenzene	<0.0013		0.0013	0.00056	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Chloroethane	<0.0033		0.0033	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Chloroform	<0.0013		0.0013	0.00095	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Chloromethane	<0.0033		0.0033	0.00064	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
cis-1,2-Dichloroethene	<0.0013		0.0013	0.00053	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
cis-1,3-Dichloropropene	<0.0013		0.0013	0.00053	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Dibromochloromethane	<0.0013		0.0013	0.00061	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
1,1-Dichloroethane	<0.0013		0.0013	0.00050	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
1,2-Dichloroethane	<0.0033		0.0033	0.00086	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
1,1-Dichloroethene	<0.0013		0.0013	0.00054	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
1,2-Dichloropropane	<0.0013		0.0013	0.00034	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Ethylbenzene	<0.0013		0.0013	0.00069	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
2-Hexanone	<0.0033		0.0033	0.0020	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Methylene Chloride	<0.0033		0.0033	0.0014	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
4-Methyl-2-pentanone (MIBK)	<0.0033		0.0033	0.0024	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Methyl tert-butyl ether	<0.0013		0.0013	0.00043	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Styrene	<0.0013		0.0013	0.00059	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
1,1,2,2-Tetrachloroethane	<0.0013	*+	0.0013	0.00066	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Tetrachloroethene	<0.0013		0.0013	0.00074	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Toluene	<0.0013		0.0013	0.00027	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
trans-1,2-Dichloroethene	<0.0013		0.0013	0.00050	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
trans-1,3-Dichloropropene	<0.0013		0.0013	0.00063	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
1,1,1-Trichloroethane	<0.0013		0.0013	0.00054	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
1,1,2-Trichloroethane	<0.0013		0.0013	0.00049	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Trichloroethene	<0.0013		0.0013	0.00036	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Vinyl acetate	<0.0033		0.0033	0.00079	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Vinyl chloride	<0.0013		0.0013	0.00054	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
Xylenes, Total	<0.0026		0.0026	0.00045	mg/Kg	☼	05/23/25 18:10	05/30/25 15:04	1
1,3-Dichloropropene, Total	<1.3		1.3	0.63	ug/Kg	☼	05/23/25 18:10	05/30/25 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*75 - 131*	*05/23/25 18:10*	*05/30/25 15:04*	*1*
Dibromofluoromethane	*99*		*75 - 126*	*05/23/25 18:10*	*05/30/25 15:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 134*	*05/23/25 18:10*	*05/30/25 15:04*	*1*
Toluene-d8 (Surr)	*104*		*75 - 124*	*05/23/25 18:10*	*05/30/25 15:04*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.037		0.037	0.0075	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Anthracene	<0.037		0.037	0.0076	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Benzo[a]anthracene	<0.037		0.037	0.0079	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B15 (1-5)
Date Collected: 05/22/25 10:50
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-7
Matrix: Solid
Percent Solids: 87.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Benzo[b]fluoranthene	<0.037		0.037	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Benzo[g,h,i]perylene	<0.037		0.037	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.14	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Butyl benzyl phthalate	<0.19		0.19	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
4-Chloroaniline	<0.75		0.75	0.39	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Chrysene	<0.037		0.037	0.0098	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
2,4-Dimethylphenol	<0.37		0.37	0.083	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Dimethyl phthalate	<0.19		0.19	0.0080	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.21	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
2,4-Dinitrophenol	<0.75		0.75	0.21	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Fluoranthene	**0.015**	**J**	0.037	0.0086	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Hexachlorobenzene	<0.075		0.075	0.0071	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Hexachlorocyclopentadiene	<0.75		0.75	0.39	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
2-Methylnaphthalene	<0.075		0.075	0.0074	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Naphthalene	<0.037		0.037	0.0067	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1

Client Sample ID: 5-B15 (1-5)
Date Collected: 05/22/25 10:50
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-7
Matrix: Solid
Percent Solids: 87.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.75		0.75	0.40	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
N-Nitrosodiphenylamine	<0.19		0.19	0.073	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Pentachlorophenol	<0.75		0.75	0.41	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Phenanthrene	<0.037		0.037	0.0081	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Phenol	<0.19		0.19	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
Pyrene	**0.014**	**J**	0.037	0.010	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*43 - 145*	*05/29/25 07:31*	*05/29/25 17:32*	*1*
2-Fluorophenol	*92*		*31 - 166*	*05/29/25 07:31*	*05/29/25 17:32*	*1*
Nitrobenzene-d5 (Surr)	*91*		*37 - 147*	*05/29/25 07:31*	*05/29/25 17:32*	*1*
Phenol-d5	*96*		*30 - 153*	*05/29/25 07:31*	*05/29/25 17:32*	*1*
Terphenyl-d14 (Surr)	*90*		*42 - 157*	*05/29/25 07:31*	*05/29/25 17:32*	*1*
2,4,6-Tribromophenol	*72*		*31 - 143*	*05/29/25 07:31*	*05/29/25 17:32*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
beta-BHC	<1.9		1.9	1.5	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
delta-BHC	<1.9		1.9	0.91	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
gamma-BHC (Lindane)	<1.9		1.9	0.95	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
Heptachlor	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
Aldrin	<1.9		1.9	1.3	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
Heptachlor epoxide	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
Endosulfan I	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
Dieldrin	<1.9		1.9	0.99	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
4,4'-DDE	**1.2**	**J**	1.9	0.98	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
Endrin	<1.9		1.9	0.97	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
Endosulfan II	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
4,4'-DDD	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
Endosulfan sulfate	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
4,4'-DDT	<1.9		1.9	0.90	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
Methoxychlor	<9.3		9.3	1.3	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
Endrin ketone	<1.9		1.9	0.92	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
Endrin aldehyde	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
alpha-Chlordane	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
gamma-Chlordane	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1
Toxaphene	<19		19	7.6	ug/Kg	☼	05/28/25 14:20	05/30/25 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*69*		*33 - 148*	*05/28/25 14:20*	*05/30/25 14:27*	*1*
Tetrachloro-m-xylene	*67*		*30 - 121*	*05/28/25 14:20*	*05/30/25 14:27*	*1*

Client Sample ID: 5-B15 (1-5)

Date Collected: 05/22/25 10:50
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-7

Matrix: Solid
Percent Solids: 87.3

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.019		0.019	0.0074	mg/Kg	☼	05/28/25 14:20	05/29/25 17:53	1
PCB-1221	<0.019		0.019	0.0074	mg/Kg	☼	05/28/25 14:20	05/29/25 17:53	1
PCB-1232	<0.019		0.019	0.0051	mg/Kg	☼	05/28/25 14:20	05/29/25 17:53	1
PCB-1242	<0.019		0.019	0.0073	mg/Kg	☼	05/28/25 14:20	05/29/25 17:53	1
PCB-1248	<0.019		0.019	0.0089	mg/Kg	☼	05/28/25 14:20	05/29/25 17:53	1
PCB-1254	<0.019		0.019	0.0064	mg/Kg	☼	05/28/25 14:20	05/29/25 17:53	1
PCB-1260	<0.019		0.019	0.0071	mg/Kg	☼	05/28/25 14:20	05/29/25 17:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*63*		*49 - 129*	*05/28/25 14:20*	*05/29/25 17:53*	*1*
DCB Decachlorobiphenyl	*82*		*37 - 121*	*05/28/25 14:20*	*05/29/25 17:53*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.43	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1
Arsenic	**3.3**		1.1	0.38	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1
Barium	**120**		1.1	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1
Beryllium	**0.53**		0.44	0.10	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1
Boron	**7.5**		5.6	0.52	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1
Cadmium	**0.15**	**J**	0.22	0.040	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1
Chromium	**19**		1.1	0.55	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1
Cobalt	**7.3**		0.56	0.15	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1
Copper	**14**		1.1	0.31	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1
Iron	**14000**		22	12	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1
Lead	**8.3**		0.56	0.26	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1
Magnesium	**2200**		11	5.5	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1
Manganese	**460**		1.1	0.16	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1
Nickel	**18**		1.1	0.32	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1
Selenium	<1.1		1.1	0.65	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1
Silver	**0.82**		0.56	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1
Thallium	**0.90**	**J**	1.1	0.55	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1
Vanadium	**30**		0.56	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1
Zinc	**43**		2.2	0.98	mg/Kg	☼	05/28/25 14:50	05/29/25 11:42	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.20		0.20	0.082	mg/L		05/29/25 14:52	06/04/25 20:41	1
Manganese	**8.1**		0.010	0.0023	mg/L		05/29/25 14:52	06/04/25 20:41	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**1.3**		0.010	0.0023	mg/L		05/28/25 13:01	05/30/25 01:41	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.029**		0.018	0.0075	mg/Kg	☼	06/03/25 14:55	06/04/25 08:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.14	mg/Kg	☼	05/28/25 14:35	05/28/25 17:11	1
pH (SW846 9045D)	**7.5**		0.2	0.2	SU			05/27/25 16:12	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B15 (1-5)D
Date Collected: 05/22/25 10:55
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-8
Matrix: Solid
Percent Solids: 85.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0096**	**J**	0.014	0.0058	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Benzene	<0.0014		0.0014	0.00044	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Bromodichloromethane	<0.0014		0.0014	0.00044	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Bromoform	<0.0014		0.0014	0.00081	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Bromomethane	<0.0035		0.0035	0.0017	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
2-Butanone (MEK)	**0.0024**	**J**	0.0035	0.0015	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Carbon disulfide	<0.0035		0.0035	0.00064	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Carbon tetrachloride	<0.0014		0.0014	0.00047	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Chlorobenzene	<0.0014		0.0014	0.00058	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Chloroethane	<0.0035		0.0035	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Chloroform	<0.0014		0.0014	0.0010	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Chloromethane	<0.0035		0.0035	0.00067	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00056	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00056	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Dibromochloromethane	<0.0014		0.0014	0.00064	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
1,1-Dichloroethane	<0.0014		0.0014	0.00052	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
1,2-Dichloroethane	<0.0035		0.0035	0.00090	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
1,1-Dichloroethene	<0.0014		0.0014	0.00057	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
1,2-Dichloropropane	<0.0014		0.0014	0.00036	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Ethylbenzene	<0.0014		0.0014	0.00073	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
2-Hexanone	<0.0035		0.0035	0.0021	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Methylene Chloride	<0.0035		0.0035	0.0015	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
4-Methyl-2-pentanone (MIBK)	<0.0035		0.0035	0.0025	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00045	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Styrene	<0.0014		0.0014	0.00062	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
1,1,2,2-Tetrachloroethane	<0.0014	*+	0.0014	0.00069	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Tetrachloroethene	<0.0014		0.0014	0.00078	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Toluene	<0.0014		0.0014	0.00028	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00052	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00066	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00056	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00052	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Trichloroethene	<0.0014		0.0014	0.00038	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Vinyl acetate	<0.0035		0.0035	0.00083	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Vinyl chloride	<0.0014		0.0014	0.00057	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
Xylenes, Total	<0.0028		0.0028	0.00047	mg/Kg	☼	05/23/25 18:10	05/30/25 15:30	1
1,3-Dichloropropene, Total	<1.4		1.4	0.66	ug/Kg	☼	05/23/25 18:10	05/30/25 15:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*75 - 131*	*05/23/25 18:10*	*05/30/25 15:30*	*1*
Dibromofluoromethane	*98*		*75 - 126*	*05/23/25 18:10*	*05/30/25 15:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 134*	*05/23/25 18:10*	*05/30/25 15:30*	*1*
Toluene-d8 (Surr)	*104*		*75 - 124*	*05/23/25 18:10*	*05/30/25 15:30*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.0098**	**J**	0.037	0.0077	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Acenaphthylene	<0.037		0.037	0.0064	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Anthracene	**0.016**	**J**	0.037	0.0077	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Benzo[a]anthracene	**0.062**		0.037	0.0080	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B15 (1-5)D
Date Collected: 05/22/25 10:55
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-8
Matrix: Solid
Percent Solids: 85.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.055**		0.037	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Benzo[b]fluoranthene	**0.095**		0.037	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Benzo[g,h,i]perylene	**0.043**		0.037	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Benzo[k]fluoranthene	**0.035**	**J**	0.037	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
4-Chloroaniline	<0.76		0.76	0.40	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
4-Chloro-3-methylphenol	<0.37		0.37	0.032	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Chrysene	**0.066**		0.037	0.0099	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
2,4-Dimethylphenol	<0.37		0.37	0.084	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Dimethyl phthalate	<0.19		0.19	0.0082	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Di-n-butyl phthalate	**0.034**	**J**	0.19	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.21	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
2,4-Dinitrophenol	<0.76		0.76	0.22	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Fluoranthene	**0.11**		0.037	0.0088	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Hexachlorobenzene	<0.076		0.076	0.0072	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Hexachlorocyclopentadiene	<0.76		0.76	0.40	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Indeno[1,2,3-cd]pyrene	**0.044**		0.037	0.037	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
2-Methylnaphthalene	**0.015**	**J**	0.076	0.0076	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Naphthalene	**0.012**	**J**	0.037	0.0068	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
4-Nitroaniline	<0.37		0.37	0.028	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
2-Nitrophenol	<0.37		0.37	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1

Client Sample ID: 5-B15 (1-5)D
Date Collected: 05/22/25 10:55
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-8
Matrix: Solid
Percent Solids: 85.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.76		0.76	0.41	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.022	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
N-Nitrosodiphenylamine	<0.19		0.19	0.075	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Pentachlorophenol	<0.76		0.76	0.42	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Phenanthrene	**0.076**		0.037	0.0082	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Phenol	<0.19		0.19	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
Pyrene	**0.11**		0.037	0.010	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*43 - 145*	*05/29/25 07:31*	*05/29/25 17:56*	*1*
2-Fluorophenol	*93*		*31 - 166*	*05/29/25 07:31*	*05/29/25 17:56*	*1*
Nitrobenzene-d5 (Surr)	*92*		*37 - 147*	*05/29/25 07:31*	*05/29/25 17:56*	*1*
Phenol-d5	*95*		*30 - 153*	*05/29/25 07:31*	*05/29/25 17:56*	*1*
Terphenyl-d14 (Surr)	*91*		*42 - 157*	*05/29/25 07:31*	*05/29/25 17:56*	*1*
2,4,6-Tribromophenol	*71*		*31 - 143*	*05/29/25 07:31*	*05/29/25 17:56*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
beta-BHC	<2.0		2.0	1.6	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
delta-BHC	<2.0		2.0	0.94	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
gamma-BHC (Lindane)	<2.0		2.0	0.98	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
Heptachlor	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
Aldrin	<2.0		2.0	1.4	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
Heptachlor epoxide	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
Endosulfan I	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
Dieldrin	<2.0		2.0	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
4,4'-DDE	**18**		2.0	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
Endrin	<2.0		2.0	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
Endosulfan II	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
4,4'-DDD	**8.5**		2.0	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
Endosulfan sulfate	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
4,4'-DDT	**1.1**	**J**	2.0	0.93	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
Methoxychlor	<9.7		9.7	1.3	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
Endrin ketone	<2.0		2.0	0.96	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
Endrin aldehyde	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
alpha-Chlordane	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
gamma-Chlordane	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1
Toxaphene	<19		19	7.9	ug/Kg	☼	05/28/25 14:20	05/30/25 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*59*		*33 - 148*	*05/28/25 14:20*	*05/30/25 14:38*	*1*
Tetrachloro-m-xylene	*57*		*30 - 121*	*05/28/25 14:20*	*05/30/25 14:38*	*1*

Client Sample ID: 5-B15 (1-5)D

Date Collected: 05/22/25 10:55
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-8

Matrix: Solid
Percent Solids: 85.5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.019		0.019	0.0076	mg/Kg	☼	05/28/25 14:20	05/29/25 18:08	1
PCB-1221	<0.019		0.019	0.0076	mg/Kg	☼	05/28/25 14:20	05/29/25 18:08	1
PCB-1232	<0.019		0.019	0.0053	mg/Kg	☼	05/28/25 14:20	05/29/25 18:08	1
PCB-1242	<0.019		0.019	0.0076	mg/Kg	☼	05/28/25 14:20	05/29/25 18:08	1
PCB-1248	<0.019		0.019	0.0092	mg/Kg	☼	05/28/25 14:20	05/29/25 18:08	1
PCB-1254	<0.019		0.019	0.0066	mg/Kg	☼	05/28/25 14:20	05/29/25 18:08	1
PCB-1260	<0.019		0.019	0.0073	mg/Kg	☼	05/28/25 14:20	05/29/25 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*61*		*49 - 129*	*05/28/25 14:20*	*05/29/25 18:08*	*1*
DCB Decachlorobiphenyl	*78*		*37 - 121*	*05/28/25 14:20*	*05/29/25 18:08*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.42	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1
Arsenic	**4.0**		1.1	0.37	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1
Barium	**150**		1.1	0.12	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1
Beryllium	**0.52**		0.43	0.10	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1
Boron	**7.5**		5.4	0.51	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1
Cadmium	**0.24**		0.22	0.039	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1
Chromium	**17**		1.1	0.54	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1
Cobalt	**7.6**		0.54	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1
Copper	**14**		1.1	0.30	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1
Iron	**13000**		22	11	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1
Lead	**8.7**		0.54	0.25	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1
Magnesium	**1800**		11	5.4	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1
Manganese	**990**		1.1	0.16	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1
Nickel	**17**		1.1	0.32	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1
Selenium	<1.1		1.1	0.64	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1
Silver	**2.0**		0.54	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1
Thallium	**1.8**		1.1	0.54	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1
Vanadium	**28**		0.54	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1
Zinc	**43**		2.2	0.95	mg/Kg	☼	05/28/25 14:50	05/29/25 11:46	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.39**		0.20	0.082	mg/L		05/29/25 14:52	06/04/25 20:45	1
Manganese	**1.2**		0.010	0.0023	mg/L		05/29/25 14:52	06/04/25 20:45	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**1.4**		0.010	0.0023	mg/L		05/28/25 13:01	05/30/25 01:45	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.040**		0.019	0.0079	mg/Kg	☼	06/03/25 14:55	06/04/25 08:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.14	mg/Kg	☼	05/28/25 14:35	05/28/25 17:12	1
pH (SW846 9045D)	**7.4**		0.2	0.2	SU			05/27/25 16:15	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B15 (5-12)
Date Collected: 05/22/25 11:00
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-9
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0063	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Benzene	<0.0015		0.0015	0.00047	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Bromodichloromethane	<0.0015		0.0015	0.00048	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Bromoform	<0.0015		0.0015	0.00087	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Bromomethane	<0.0037		0.0037	0.0018	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
2-Butanone (MEK)	<0.0037		0.0037	0.0016	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Carbon disulfide	<0.0037		0.0037	0.00069	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Carbon tetrachloride	<0.0015		0.0015	0.00051	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Chlorobenzene	<0.0015		0.0015	0.00063	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Chloroethane	<0.0037		0.0037	0.0012	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Chloromethane	<0.0037		0.0037	0.00073	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00060	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00060	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Dibromochloromethane	<0.0015		0.0015	0.00069	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
1,1-Dichloroethane	<0.0015		0.0015	0.00056	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
1,2-Dichloroethane	<0.0037		0.0037	0.00097	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
1,1-Dichloroethene	<0.0015		0.0015	0.00062	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Ethylbenzene	<0.0015		0.0015	0.00079	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
2-Hexanone	<0.0037		0.0037	0.0023	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Methylene Chloride	<0.0037		0.0037	0.0016	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
4-Methyl-2-pentanone (MIBK)	<0.0037		0.0037	0.0027	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00048	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Styrene	<0.0015		0.0015	0.00067	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
1,1,2,2-Tetrachloroethane	<0.0015	*+	0.0015	0.00074	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Tetrachloroethene	<0.0015		0.0015	0.00084	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Toluene	<0.0015		0.0015	0.00030	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00057	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00072	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00061	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00056	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Trichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Vinyl acetate	<0.0037		0.0037	0.00089	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Vinyl chloride	<0.0015		0.0015	0.00061	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
Xylenes, Total	<0.0030		0.0030	0.00051	mg/Kg	☼	05/23/25 18:10	05/30/25 15:56	1
1,3-Dichloropropene, Total	<1.5		1.5	0.72	ug/Kg	☼	05/23/25 18:10	05/30/25 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*75 - 131*	*05/23/25 18:10*	*05/30/25 15:56*	*1*
Dibromofluoromethane	*99*		*75 - 126*	*05/23/25 18:10*	*05/30/25 15:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 134*	*05/23/25 18:10*	*05/30/25 15:56*	*1*
Toluene-d8 (Surr)	*104*		*75 - 124*	*05/23/25 18:10*	*05/30/25 15:56*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.036		0.036	0.0074	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Acenaphthylene	<0.036		0.036	0.0062	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Anthracene	<0.036		0.036	0.0075	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Benzo[a]anthracene	<0.036		0.036	0.0078	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B15 (5-12)
Date Collected: 05/22/25 11:00
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-9
Matrix: Solid
Percent Solids: 89.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Benzo[b]fluoranthene	<0.036		0.036	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Benzo[g,h,i]perylene	<0.036		0.036	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
4-Chloroaniline	<0.74		0.74	0.38	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
4-Chloro-3-methylphenol	<0.36		0.36	0.031	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
2-Chloronaphthalene	<0.18		0.18	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Chrysene	<0.036		0.036	0.0096	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
1,3-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
2,4-Dimethylphenol	<0.36		0.36	0.082	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Dimethyl phthalate	<0.18		0.18	0.0079	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Di-n-butyl phthalate	<0.18		0.18	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
2,6-Dinitrotoluene	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Di-n-octyl phthalate	<0.36		0.36	0.26	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Fluoranthene	<0.036		0.036	0.0085	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Fluorene	<0.036		0.036	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Hexachlorobenzene	<0.074		0.074	0.0070	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Hexachlorobutadiene	<0.18		0.18	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Hexachlorocyclopentadiene	<0.74		0.74	0.39	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Isophorone	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
2-Methylnaphthalene	<0.074		0.074	0.0073	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
3 & 4 Methylphenol	<0.18		0.18	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Naphthalene	<0.036		0.036	0.0066	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
2-Nitroaniline	<0.18		0.18	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
3-Nitroaniline	<0.36		0.36	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Nitrobenzene	<0.036		0.036	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
2-Nitrophenol	<0.36		0.36	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1

Client Sample ID: 5-B15 (5-12)

Date Collected: 05/22/25 11:00
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-9

Matrix: Solid
Percent Solids: 89.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.74		0.74	0.40	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
N-Nitrosodiphenylamine	<0.18		0.18	0.072	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Pentachlorophenol	<0.74		0.74	0.41	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Phenanthrene	<0.036		0.036	0.0080	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Phenol	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
Pyrene	<0.036		0.036	0.010	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
2,4,5-Trichlorophenol	<0.36		0.36	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*80*		*43 - 145*	*05/29/25 07:31*	*05/29/25 18:20*	*1*
2-Fluorophenol	*91*		*31 - 166*	*05/29/25 07:31*	*05/29/25 18:20*	*1*
Nitrobenzene-d5 (Surr)	*93*		*37 - 147*	*05/29/25 07:31*	*05/29/25 18:20*	*1*
Phenol-d5	*92*		*30 - 153*	*05/29/25 07:31*	*05/29/25 18:20*	*1*
Terphenyl-d14 (Surr)	*90*		*42 - 157*	*05/29/25 07:31*	*05/29/25 18:20*	*1*
2,4,6-Tribromophenol	*62*		*31 - 143*	*05/29/25 07:31*	*05/29/25 18:20*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.1		2.1	0.41	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1
Arsenic	**0.92**	**J**	1.0	0.36	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1
Barium	**9.9**		1.0	0.12	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1
Beryllium	**0.33**	**J**	0.42	0.097	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1
Boron	**5.1**	**J**	5.2	0.49	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1
Cadmium	<0.21		0.21	0.038	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1
Chromium	**6.6**		1.0	0.52	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1
Cobalt	**3.6**		0.52	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1
Copper	**15**		1.0	0.29	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1
Iron	**1900**		21	11	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1
Lead	**2.2**		0.52	0.24	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1
Magnesium	**340**		10	5.2	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1
Manganese	**47**		1.0	0.15	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1
Nickel	**5.2**		1.0	0.30	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1
Selenium	<1.0		1.0	0.61	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1
Silver	<0.52		0.52	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1
Thallium	<1.0		1.0	0.52	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1
Vanadium	**4.7**		0.52	0.12	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1
Zinc	**2.3**		2.1	0.92	mg/Kg	☼	05/28/25 14:50	05/29/25 11:50	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.10**	**J**	0.20	0.082	mg/L		05/29/25 14:52	06/04/25 20:50	1
Manganese	**0.89**		0.010	0.0023	mg/L		05/29/25 14:52	06/04/25 20:50	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.081**		0.010	0.0023	mg/L		05/28/25 13:01	05/30/25 01:50	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B15 (5-12)
Date Collected: 05/22/25 11:00
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-9
Matrix: Solid
Percent Solids: 89.8

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.013	J	0.016	0.0067	mg/Kg	☼	06/03/25 14:55	06/04/25 08:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.26		0.26	0.13	mg/Kg	☼	05/28/25 14:35	05/28/25 17:12	1
pH (SW846 9045D)	6.6		0.2	0.2	SU			05/27/25 16:19	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B16 (1-5)
Date Collected: 05/22/25 11:30
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-10
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.017**		0.016	0.0066	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Benzene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Bromodichloromethane	<0.0016		0.0016	0.00051	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Bromoform	<0.0016		0.0016	0.00092	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Bromomethane	<0.0039		0.0039	0.0019	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
2-Butanone (MEK)	**0.0036**	**J**	0.0039	0.0017	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Carbon disulfide	<0.0039		0.0039	0.00072	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Carbon tetrachloride	<0.0016		0.0016	0.00054	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Chlorobenzene	<0.0016		0.0016	0.00066	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Chloroethane	<0.0039		0.0039	0.0013	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Chloroform	<0.0016		0.0016	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Chloromethane	<0.0039		0.0039	0.00076	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00063	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00063	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Dibromochloromethane	<0.0016		0.0016	0.00073	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
1,1-Dichloroethane	<0.0016		0.0016	0.00059	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
1,2-Dichloroethane	<0.0039		0.0039	0.0010	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
1,1-Dichloroethene	<0.0016		0.0016	0.00065	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
1,2-Dichloropropane	<0.0016		0.0016	0.00041	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Ethylbenzene	<0.0016		0.0016	0.00083	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
2-Hexanone	<0.0039		0.0039	0.0024	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Methylene Chloride	<0.0039		0.0039	0.0017	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
4-Methyl-2-pentanone (MIBK)	<0.0039		0.0039	0.0028	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00051	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Styrene	<0.0016		0.0016	0.00071	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
1,1,2,2-Tetrachloroethane	<0.0016	*+	0.0016	0.00078	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Tetrachloroethene	<0.0016		0.0016	0.00088	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Toluene	<0.0016		0.0016	0.00032	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00059	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00075	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00064	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00059	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Trichloroethene	<0.0016		0.0016	0.00043	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Vinyl acetate	<0.0039		0.0039	0.00094	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Vinyl chloride	**0.0022**		0.0016	0.00064	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
Xylenes, Total	<0.0031		0.0031	0.00054	mg/Kg	☼	05/23/25 18:10	05/30/25 16:21	1
1,3-Dichloropropene, Total	<1.6		1.6	0.75	ug/Kg	☼	05/23/25 18:10	05/30/25 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*75 - 131*	*05/23/25 18:10*	*05/30/25 16:21*	*1*
Dibromofluoromethane	*97*		*75 - 126*	*05/23/25 18:10*	*05/30/25 16:21*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*70 - 134*	*05/23/25 18:10*	*05/30/25 16:21*	*1*
Toluene-d8 (Surr)	*105*		*75 - 124*	*05/23/25 18:10*	*05/30/25 16:21*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.092**		0.070	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Acenaphthylene	<0.070		0.070	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Anthracene	**0.19**		0.070	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Benzo[a]anthracene	**0.57**		0.070	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B16 (1-5)
Date Collected: 05/22/25 11:30
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-10
Matrix: Solid
Percent Solids: 91.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.46**		0.070	0.068	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Benzo[b]fluoranthene	**0.54**		0.070	0.067	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Benzo[g,h,i]perylene	**0.36**		0.070	0.032	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Benzo[k]fluoranthene	**0.16**		0.070	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Bis(2-chloroethoxy)methane	<0.36		0.36	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Bis(2-chloroethyl)ether	<0.36		0.36	0.033	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Bis(2-ethylhexyl) phthalate	**0.32**	**J**	0.36	0.28	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
4-Bromophenyl phenyl ether	<0.36		0.36	0.048	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Butyl benzyl phthalate	<0.36		0.36	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Carbazole	**0.053**	**J**	0.36	0.028	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
4-Chloroaniline	<1.4		1.4	0.74	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
4-Chloro-3-methylphenol	<0.70		0.70	0.059	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
2-Chloronaphthalene	<0.36		0.36	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
2-Chlorophenol	<0.36		0.36	0.023	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
4-Chlorophenyl phenyl ether	<0.36		0.36	0.093	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Chrysene	**0.93**		0.070	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Dibenz(a,h)anthracene	<0.070		0.070	0.070	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Dibenzofuran	**0.15**	**J**	0.36	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
1,2-Dichlorobenzene	<0.36		0.36	0.029	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
1,3-Dichlorobenzene	<0.36		0.36	0.032	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
1,4-Dichlorobenzene	<0.36		0.36	0.033	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
3,3'-Dichlorobenzidine	<0.36		0.36	0.31	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
2,4-Dichlorophenol	<0.70		0.70	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Diethyl phthalate	<0.36		0.36	0.032	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
2,4-Dimethylphenol	<0.70		0.70	0.16	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Dimethyl phthalate	<0.36		0.36	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Di-n-butyl phthalate	**0.067**	**J**	0.36	0.022	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
4,6-Dinitro-2-methylphenol	<1.4		1.4	0.40	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
2,4-Dinitrophenol	<1.4		1.4	0.41	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
2,4-Dinitrotoluene	<0.36		0.36	0.040	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
2,6-Dinitrotoluene	<0.36		0.36	0.050	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Di-n-octyl phthalate	<0.70		0.70	0.49	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Fluoranthene	**0.81**		0.070	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Fluorene	**0.15**		0.070	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Hexachlorobenzene	<0.14		0.14	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Hexachlorobutadiene	<0.36		0.36	0.040	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Hexachlorocyclopentadiene	<1.4		1.4	0.75	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Hexachloroethane	<0.36		0.36	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Indeno[1,2,3-cd]pyrene	**0.17**		0.070	0.069	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Isophorone	<0.36		0.36	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
2-Methylnaphthalene	**0.58**		0.14	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
2-Methylphenol	<0.36		0.36	0.037	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
3 & 4 Methylphenol	**0.11**	**J**	0.36	0.052	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Naphthalene	**0.35**		0.070	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
2-Nitroaniline	<0.36		0.36	0.038	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
3-Nitroaniline	<0.70		0.70	0.032	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
4-Nitroaniline	<0.70		0.70	0.052	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Nitrobenzene	<0.070		0.070	0.022	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
2-Nitrophenol	<0.70		0.70	0.048	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2

Client Sample ID: 5-B16 (1-5)
Lab Sample ID: 500-268848-10
Date Collected: 05/22/25 11:30
Matrix: Solid
Date Received: 05/23/25 13:40
Percent Solids: 91.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<1.4		1.4	0.77	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
N-Nitrosodi-n-propylamine	<0.14		0.14	0.041	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
N-Nitrosodiphenylamine	<0.36		0.36	0.14	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
2,2'-oxybis[1-chloropropane]	<0.36		0.36	0.051	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Pentachlorophenol	<1.4		1.4	0.79	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Phenanthrene	**0.98**		0.070	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Phenol	<0.36		0.36	0.031	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
Pyrene	**1.7**		0.070	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
1,2,4-Trichlorobenzene	<0.36		0.36	0.051	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
2,4,5-Trichlorophenol	<0.70		0.70	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2
2,4,6-Trichlorophenol	<0.70		0.70	0.024	mg/Kg	☼	05/29/25 07:31	05/29/25 22:40	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*88*		*43 - 145*	*05/29/25 07:31*	*05/29/25 22:40*	*2*
2-Fluorophenol	*87*		*31 - 166*	*05/29/25 07:31*	*05/29/25 22:40*	*2*
Nitrobenzene-d5 (Surr)	*92*		*37 - 147*	*05/29/25 07:31*	*05/29/25 22:40*	*2*
Phenol-d5	*95*		*30 - 153*	*05/29/25 07:31*	*05/29/25 22:40*	*2*
Terphenyl-d14 (Surr)	*92*		*42 - 157*	*05/29/25 07:31*	*05/29/25 22:40*	*2*
2,4,6-Tribromophenol	*74*		*31 - 143*	*05/29/25 07:31*	*05/29/25 22:40*	*2*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
beta-BHC	<1.9		1.9	1.5	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
delta-BHC	<1.9		1.9	0.89	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
gamma-BHC (Lindane)	<1.9		1.9	0.92	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
Heptachlor	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
Aldrin	<1.9		1.9	1.3	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
Heptachlor epoxide	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
Endosulfan I	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
Dieldrin	<1.9		1.9	0.97	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
4,4'-DDE	<1.9		1.9	0.95	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
Endrin	<1.9		1.9	0.95	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
Endosulfan II	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
4,4'-DDD	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
Endosulfan sulfate	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
4,4'-DDT	<1.9		1.9	0.88	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
Methoxychlor	<9.1		9.1	1.2	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
Endrin ketone	<1.9		1.9	0.90	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
Endrin aldehyde	<9.3		9.3	5.3	ug/Kg	☼	05/28/25 14:20	06/02/25 14:49	5
alpha-Chlordane	<1.9		1.9	0.99	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
gamma-Chlordane	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1
Toxaphene	<18		18	7.4	ug/Kg	☼	05/28/25 14:20	06/02/25 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*82*		*33 - 148*	*05/28/25 14:20*	*06/02/25 14:37*	*1*
DCB Decachlorobiphenyl	*104*		*33 - 148*	*05/28/25 14:20*	*06/02/25 14:49*	*5*
Tetrachloro-m-xylene	*56*		*30 - 121*	*05/28/25 14:20*	*06/02/25 14:37*	*1*
Tetrachloro-m-xylene	*61*		*30 - 121*	*05/28/25 14:20*	*06/02/25 14:49*	*5*

Client Sample ID: 5-B16 (1-5)

Date Collected: 05/22/25 11:30
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-10

Matrix: Solid
Percent Solids: 91.0

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.37		0.37	0.14	mg/Kg	☼	05/28/25 14:20	05/30/25 12:57	20
PCB-1221	<0.37		0.37	0.14	mg/Kg	☼	05/28/25 14:20	05/30/25 12:57	20
PCB-1232	<0.37		0.37	0.099	mg/Kg	☼	05/28/25 14:20	05/30/25 12:57	20
PCB-1242	<0.37		0.37	0.14	mg/Kg	☼	05/28/25 14:20	05/30/25 12:57	20
PCB-1248	**5.7**		0.37	0.17	mg/Kg	☼	05/28/25 14:20	05/30/25 12:57	20
PCB-1254	<0.37		0.37	0.12	mg/Kg	☼	05/28/25 14:20	05/30/25 12:57	20
PCB-1260	<0.37		0.37	0.14	mg/Kg	☼	05/28/25 14:20	05/30/25 12:57	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*0*	*S1-*	*49 - 129*	*05/28/25 14:20*	*05/30/25 12:57*	*20*
DCB Decachlorobiphenyl	*0*	*S1-*	*37 - 121*	*05/28/25 14:20*	*05/30/25 12:57*	*20*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**1.2**	**J**	2.0	0.38	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1
Arsenic	**3.0**		0.98	0.33	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1
Barium	**35**		0.98	0.11	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1
Beryllium	<0.39		0.39	0.091	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1
Boron	**11**		4.9	0.46	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1
Cadmium	**0.21**		0.20	0.035	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1
Chromium	**27**		0.98	0.48	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1
Cobalt	**1.8**		0.49	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1
Copper	**37**		0.98	0.27	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1
Iron	**18000**		20	10	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1
Lead	**66**		0.49	0.23	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1
Magnesium	**2600**		9.8	4.9	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1
Manganese	**730**		0.98	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1
Nickel	**18**		0.98	0.28	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1
Selenium	<0.98		0.98	0.58	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1
Silver	**1.6**		0.49	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1
Thallium	**1.6**		0.98	0.49	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1
Vanadium	**4.1**		0.49	0.12	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1
Zinc	**56**		2.0	0.86	mg/Kg	☼	05/28/25 14:50	05/29/25 11:55	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**9.1**		0.20	0.082	mg/L		05/29/25 14:52	06/04/25 20:54	1
Manganese	**3.5**		0.010	0.0023	mg/L		05/29/25 14:52	06/04/25 20:54	1
Chromium	**0.0067**	**J B**	0.010	0.0017	mg/L		05/29/25 14:52	06/04/25 20:54	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**2.3**		0.20	0.082	mg/L		05/28/25 13:01	05/30/25 02:03	1
Manganese	**0.029**		0.010	0.0023	mg/L		05/28/25 13:01	05/30/25 02:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.023**		0.017	0.0070	mg/Kg	☼	06/03/25 14:55	06/04/25 08:49	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B16 (1-5)
Date Collected: 05/22/25 11:30
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-10
Matrix: Solid
Percent Solids: 91.0

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.25		0.25	0.12	mg/Kg	☼	05/28/25 14:35	05/28/25 17:14	1
pH (SW846 9045D)	**7.7**		0.2	0.2	SU			05/27/25 16:22	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B16 (5-9)
Date Collected: 05/22/25 11:35
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-11
Matrix: Solid
Percent Solids: 83.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.014	J	0.016	0.0065	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Benzene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Bromodichloromethane	<0.0016		0.0016	0.00050	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Bromoform	<0.0016		0.0016	0.00091	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Bromomethane	<0.0039		0.0039	0.0019	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
2-Butanone (MEK)	<0.0039		0.0039	0.0017	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Carbon disulfide	<0.0039		0.0039	0.00071	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Carbon tetrachloride	<0.0016		0.0016	0.00053	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Chlorobenzene	<0.0016		0.0016	0.00065	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Chloroethane	<0.0039		0.0039	0.0013	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Chloroform	<0.0016		0.0016	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Chloromethane	<0.0039		0.0039	0.00075	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00063	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00062	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Dibromochloromethane	<0.0016		0.0016	0.00072	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
1,1-Dichloroethane	<0.0016		0.0016	0.00058	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
1,2-Dichloroethane	<0.0039		0.0039	0.0010	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
1,1-Dichloroethene	<0.0016		0.0016	0.00064	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
1,2-Dichloropropane	<0.0016		0.0016	0.00040	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Ethylbenzene	<0.0016		0.0016	0.00082	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
2-Hexanone	<0.0039		0.0039	0.0024	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Methylene Chloride	<0.0039		0.0039	0.0017	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
4-Methyl-2-pentanone (MIBK)	<0.0039		0.0039	0.0028	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00050	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Styrene	<0.0016		0.0016	0.00070	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
1,1,2,2-Tetrachloroethane	<0.0016	*+	0.0016	0.00077	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Tetrachloroethene	<0.0016		0.0016	0.00087	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Toluene	<0.0016		0.0016	0.00031	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
trans-1,2-Dichloroethene	<0.0016		0.0016	0.00059	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00074	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00063	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00058	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Trichloroethene	<0.0016		0.0016	0.00042	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Vinyl acetate	<0.0039		0.0039	0.00093	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Vinyl chloride	<0.0016		0.0016	0.00063	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
Xylenes, Total	<0.0031		0.0031	0.00053	mg/Kg	☼	05/23/25 18:10	05/30/25 16:47	1
1,3-Dichloropropene, Total	<1.6		1.6	0.74	ug/Kg	☼	05/23/25 18:10	05/30/25 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*75 - 131*	*05/23/25 18:10*	*05/30/25 16:47*	*1*
Dibromofluoromethane	*99*		*75 - 126*	*05/23/25 18:10*	*05/30/25 16:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 134*	*05/23/25 18:10*	*05/30/25 16:47*	*1*
Toluene-d8 (Surr)	*103*		*75 - 124*	*05/23/25 18:10*	*05/30/25 16:47*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.037		0.037	0.0076	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Anthracene	<0.037		0.037	0.0076	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Benzo[a]anthracene	<0.037		0.037	0.0079	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B16 (5-9)
Date Collected: 05/22/25 11:35
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-11
Matrix: Solid
Percent Solids: 83.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Benzo[b]fluoranthene	<0.037		0.037	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Benzo[g,h,i]perylene	<0.037		0.037	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
4-Chloroaniline	<0.75		0.75	0.39	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Chrysene	<0.037		0.037	0.0098	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
2,4-Dimethylphenol	<0.37		0.37	0.084	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Dimethyl phthalate	<0.19		0.19	0.0081	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.21	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
2,4-Dinitrophenol	<0.75		0.75	0.22	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Fluoranthene	<0.037		0.037	0.0087	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Hexachlorobenzene	<0.075		0.075	0.0072	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Hexachlorocyclopentadiene	<0.75		0.75	0.40	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
2-Methylnaphthalene	<0.075		0.075	0.0075	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Naphthalene	<0.037		0.037	0.0068	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
4-Nitroaniline	<0.37		0.37	0.028	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1

Client Sample ID: 5-B16 (5-9)
Date Collected: 05/22/25 11:35
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-11
Matrix: Solid
Percent Solids: 83.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.75		0.75	0.40	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
N-Nitrosodiphenylamine	<0.19		0.19	0.074	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Pentachlorophenol	<0.75		0.75	0.42	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Phenanthrene	<0.037		0.037	0.0081	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Phenol	<0.19		0.19	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
Pyrene	<0.037		0.037	0.010	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*90*		*43 - 145*	*05/29/25 07:31*	*05/29/25 18:43*	*1*
2-Fluorophenol	*102*		*31 - 166*	*05/29/25 07:31*	*05/29/25 18:43*	*1*
Nitrobenzene-d5 (Surr)	*102*		*37 - 147*	*05/29/25 07:31*	*05/29/25 18:43*	*1*
Phenol-d5	*105*		*30 - 153*	*05/29/25 07:31*	*05/29/25 18:43*	*1*
Terphenyl-d14 (Surr)	*99*		*42 - 157*	*05/29/25 07:31*	*05/29/25 18:43*	*1*
2,4,6-Tribromophenol	*76*		*31 - 143*	*05/29/25 07:31*	*05/29/25 18:43*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.43	mg/Kg	☼	05/27/25 18:14	05/28/25 17:59	1
Arsenic	**2.1**		1.1	0.38	mg/Kg	☼	05/27/25 18:14	05/28/25 17:59	1
Barium	**41**		1.1	0.13	mg/Kg	☼	05/27/25 18:14	05/28/25 17:59	1
Beryllium	**0.69**		0.44	0.10	mg/Kg	☼	05/27/25 18:14	05/28/25 17:59	1
Boron	**6.8**		5.5	0.52	mg/Kg	☼	05/27/25 18:14	05/28/25 17:59	1
Cadmium	<0.22		0.22	0.040	mg/Kg	☼	05/27/25 18:14	05/28/25 17:59	1
Chromium	**14**		1.1	0.55	mg/Kg	☼	05/27/25 18:14	05/28/25 17:59	1
Cobalt	**4.7**		0.55	0.14	mg/Kg	☼	05/27/25 18:14	05/28/25 17:59	1
Copper	**10**		1.1	0.31	mg/Kg	☼	05/27/25 18:14	05/28/25 17:59	1
Iron	**6600**	**B**	22	12	mg/Kg	☼	05/27/25 18:14	05/28/25 17:59	1
Lead	**5.1**		0.55	0.26	mg/Kg	☼	05/27/25 18:14	05/28/25 17:59	1
Magnesium	**1300**	**B**	11	5.5	mg/Kg	☼	05/27/25 18:14	05/28/25 17:59	1
Manganese	**150**	**B**	1.1	0.16	mg/Kg	☼	05/27/25 18:14	05/28/25 17:59	1
Nickel	**9.7**		1.1	0.32	mg/Kg	☼	05/27/25 18:14	05/28/25 17:59	1
Selenium	<1.1		1.1	0.65	mg/Kg	☼	05/27/25 18:14	05/28/25 17:59	1
Silver	**0.93**		0.55	0.14	mg/Kg	☼	05/27/25 18:14	05/28/25 17:59	1
Thallium	<1.1		1.1	0.55	mg/Kg	☼	05/27/25 18:14	05/30/25 19:57	1
Vanadium	**15**		0.55	0.13	mg/Kg	☼	05/27/25 18:14	05/28/25 17:59	1
Zinc	**15**		2.2	0.97	mg/Kg	☼	05/27/25 18:14	05/28/25 17:59	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.19**	**J**	0.20	0.082	mg/L		05/29/25 14:52	06/04/25 20:59	1
Manganese	**2.3**		0.010	0.0023	mg/L		05/29/25 14:52	06/04/25 20:59	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.70**		0.010	0.0023	mg/L		05/28/25 13:01	05/30/25 02:07	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B16 (5-9)
Date Collected: 05/22/25 11:35
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-11
Matrix: Solid
Percent Solids: 83.5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.021**		0.019	0.0078	mg/Kg	☼	06/03/25 14:55	06/04/25 08:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.28		0.28	0.14	mg/Kg	☼	05/28/25 14:35	05/28/25 17:14	1
pH (SW846 9045D)	**6.6**		0.2	0.2	SU			05/27/25 16:24	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B17 (1-5)
Date Collected: 05/22/25 12:05
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-12
Matrix: Solid
Percent Solids: 87.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0084	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
1,1,2,2-Tetrachloroethane	<0.0020	*+	0.0020	0.00099	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg	☼	05/23/25 18:10	05/30/25 17:13	1
1,3-Dichloropropene, Total	<2.0		2.0	0.96	ug/Kg	☼	05/23/25 18:10	05/30/25 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*75 - 131*	*05/23/25 18:10*	*05/30/25 17:13*	*1*
Dibromofluoromethane	*99*		*75 - 126*	*05/23/25 18:10*	*05/30/25 17:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 134*	*05/23/25 18:10*	*05/30/25 17:13*	*1*
Toluene-d8 (Surr)	*105*		*75 - 124*	*05/23/25 18:10*	*05/30/25 17:13*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.028**	**J**	0.036	0.0073	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Acenaphthylene	<0.036		0.036	0.0061	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Anthracene	**0.038**		0.036	0.0074	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Benzo[a]anthracene	**0.052**		0.036	0.0076	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B17 (1-5)
Date Collected: 05/22/25 12:05
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-12
Matrix: Solid
Percent Solids: 87.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Benzo[b]fluoranthene	**0.059**		0.036	0.034	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Benzo[g,h,i]perylene	**0.020**	**J**	0.036	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Benzo[k]fluoranthene	**0.017**	**J**	0.036	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
4-Chloroaniline	<0.73		0.73	0.38	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
4-Chloro-3-methylphenol	<0.36		0.36	0.030	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Chrysene	**0.077**		0.036	0.0095	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Dibenzofuran	**0.082**	**J**	0.18	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
2,4-Dimethylphenol	**0.30**	**J**	0.36	0.081	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Dimethyl phthalate	<0.18		0.18	0.0078	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Di-n-butyl phthalate	**0.018**	**J**	0.18	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.20	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
2,4-Dinitrophenol	<0.73		0.73	0.21	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
2,6-Dinitrotoluene	<0.18		0.18	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Di-n-octyl phthalate	<0.36		0.36	0.25	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Fluoranthene	**0.14**		0.036	0.0084	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Fluorene	**0.037**		0.036	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Hexachlorobenzene	<0.073		0.073	0.0069	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Hexachlorocyclopentadiene	<0.73		0.73	0.38	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Isophorone	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
2-Methylnaphthalene	**0.27**		0.073	0.0072	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
2-Methylphenol	**0.021**	**J**	0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
3 & 4 Methylphenol	**0.047**	**J**	0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Naphthalene	**0.22**		0.036	0.0065	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
3-Nitroaniline	<0.36		0.36	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Nitrobenzene	<0.036		0.036	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
2-Nitrophenol	<0.36		0.36	0.024	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B17 (1-5)
Date Collected: 05/22/25 12:05
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-12
Matrix: Solid
Percent Solids: 87.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.73		0.73	0.39	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
N-Nitrosodiphenylamine	<0.18		0.18	0.071	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Pentachlorophenol	<0.73		0.73	0.40	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Phenanthrene	**0.28**		0.036	0.0078	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Phenol	**0.022**	**J**	0.18	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
Pyrene	**0.14**		0.036	0.0098	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
2,4,5-Trichlorophenol	<0.36		0.36	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 19:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*43 - 145*	*05/29/25 07:31*	*05/29/25 19:07*	*1*
2-Fluorophenol	*90*		*31 - 166*	*05/29/25 07:31*	*05/29/25 19:07*	*1*
Nitrobenzene-d5 (Surr)	*83*		*37 - 147*	*05/29/25 07:31*	*05/29/25 19:07*	*1*
Phenol-d5	*94*		*30 - 153*	*05/29/25 07:31*	*05/29/25 19:07*	*1*
Terphenyl-d14 (Surr)	*77*		*42 - 157*	*05/29/25 07:31*	*05/29/25 19:07*	*1*
2,4,6-Tribromophenol	*62*		*31 - 143*	*05/29/25 07:31*	*05/29/25 19:07*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
beta-BHC	<1.9		1.9	1.5	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
delta-BHC	<1.9		1.9	0.91	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
gamma-BHC (Lindane)	<1.9		1.9	0.95	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
Heptachlor	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
Aldrin	<1.9		1.9	1.3	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
Heptachlor epoxide	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
Endosulfan I	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
Dieldrin	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
4,4'-DDE	**0.98**	**J**	1.9	0.98	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
Endrin	<1.9		1.9	0.97	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
Endosulfan II	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
4,4'-DDD	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
Endosulfan sulfate	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
4,4'-DDT	<1.9		1.9	0.91	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
Methoxychlor	<9.4		9.4	1.3	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
Endrin ketone	<1.9		1.9	0.93	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
Endrin aldehyde	<9.6		9.6	5.4	ug/Kg	☼	05/28/25 14:20	06/02/25 15:12	5
alpha-Chlordane	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
gamma-Chlordane	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1
Toxaphene	<19		19	7.6	ug/Kg	☼	05/28/25 14:20	06/02/25 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*68*		*33 - 148*	*05/28/25 14:20*	*06/02/25 15:00*	*1*
DCB Decachlorobiphenyl	*48*		*33 - 148*	*05/28/25 14:20*	*06/02/25 15:12*	*5*
Tetrachloro-m-xylene	*63*		*30 - 121*	*05/28/25 14:20*	*06/02/25 15:00*	*1*
Tetrachloro-m-xylene	*57*		*30 - 121*	*05/28/25 14:20*	*06/02/25 15:12*	*5*

Client Sample ID: 5-B17 (1-5)

Date Collected: 05/22/25 12:05
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-12

Matrix: Solid
Percent Solids: 87.6

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.019		0.019	0.0074	mg/Kg	☼	05/28/25 14:20	05/30/25 10:27	1
PCB-1221	<0.019		0.019	0.0074	mg/Kg	☼	05/28/25 14:20	05/30/25 10:27	1
PCB-1232	<0.019		0.019	0.0051	mg/Kg	☼	05/28/25 14:20	05/30/25 10:27	1
PCB-1242	<0.019		0.019	0.0073	mg/Kg	☼	05/28/25 14:20	05/30/25 10:27	1
PCB-1248	**0.091**		0.019	0.0090	mg/Kg	☼	05/28/25 14:20	05/30/25 10:27	1
PCB-1254	<0.019		0.019	0.0064	mg/Kg	☼	05/28/25 14:20	05/30/25 10:27	1
PCB-1260	<0.019		0.019	0.0071	mg/Kg	☼	05/28/25 14:20	05/30/25 10:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*72*		*49 - 129*	*05/28/25 14:20*	*05/30/25 10:27*	*1*
DCB Decachlorobiphenyl	*48*		*37 - 121*	*05/28/25 14:20*	*05/30/25 10:27*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**1.2**	**J**	2.2	0.43	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1
Arsenic	**2.6**		1.1	0.38	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1
Barium	**41**		1.1	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1
Beryllium	<0.44		0.44	0.10	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1
Boron	**3.8**	**J**	5.6	0.52	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1
Cadmium	**0.31**		0.22	0.040	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1
Chromium	**35**		1.1	0.55	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1
Cobalt	**1.9**		0.56	0.15	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1
Copper	**39**		1.1	0.31	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1
Iron	**25000**		22	12	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1
Lead	**260**		0.56	0.26	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1
Magnesium	**2400**		11	5.5	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1
Manganese	**950**		1.1	0.16	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1
Nickel	**24**		1.1	0.32	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1
Selenium	<1.1		1.1	0.65	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1
Silver	**2.0**		0.56	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1
Thallium	**1.9**		1.1	0.55	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1
Vanadium	**3.3**		0.56	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1
Zinc	**110**		2.2	0.98	mg/Kg	☼	05/28/25 14:50	05/29/25 11:59	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**30**		0.20	0.082	mg/L		05/29/25 14:52	06/04/25 21:12	1
Manganese	**5.7**		0.010	0.0023	mg/L		05/29/25 14:52	06/04/25 21:12	1
Lead	**0.44**		0.0050	0.0027	mg/L		05/29/25 14:52	06/04/25 21:12	1
Chromium	**0.0036**	**J B**	0.010	0.0017	mg/L		05/29/25 14:52	06/04/25 21:12	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**3.2**		0.20	0.082	mg/L		05/28/25 13:01	05/30/25 02:12	1
Manganese	**0.071**		0.010	0.0023	mg/L		05/28/25 13:01	05/30/25 02:12	1
Lead	**0.024**		0.0050	0.0027	mg/L		05/28/25 13:01	05/30/25 02:12	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.037**		0.018	0.0074	mg/Kg	☼	06/03/25 14:55	06/04/25 08:53	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B17 (1-5)
Date Collected: 05/22/25 12:05
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-12
Matrix: Solid
Percent Solids: 87.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	0.16	J	0.27	0.13	mg/Kg	☼	05/28/25 14:35	05/28/25 17:14	1
pH (SW846 9045D)	7.2		0.2	0.2	SU			05/27/25 16:27	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B17 (5-12)
Date Collected: 05/22/25 12:10
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-13
Matrix: Solid
Percent Solids: 88.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.013	*3	0.013	0.0056	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Benzene	**0.0015**	***3**	0.0013	0.00042	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Bromodichloromethane	<0.0013	*3	0.0013	0.00043	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Bromoform	<0.0013	*3	0.0013	0.00078	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Bromomethane	<0.0033	*3 *1	0.0033	0.0016	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
2-Butanone (MEK)	<0.0033	*3	0.0033	0.0015	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Carbon disulfide	<0.0033	*3	0.0033	0.00062	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Carbon tetrachloride	<0.0013	*3	0.0013	0.00046	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Chlorobenzene	<0.0013	*3	0.0013	0.00057	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Chloroethane	<0.0033	*3 *1	0.0033	0.0011	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Chloroform	<0.0013	*3	0.0013	0.00096	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Chloromethane	<0.0033	*3	0.0033	0.00065	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
cis-1,2-Dichloroethene	<0.0013	*3	0.0013	0.00054	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
cis-1,3-Dichloropropene	<0.0013	*3	0.0013	0.00054	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Dibromochloromethane	<0.0013	*3	0.0013	0.00062	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
1,1-Dichloroethane	<0.0013	*3	0.0013	0.00050	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
1,2-Dichloroethane	<0.0033	*3	0.0033	0.00087	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
1,1-Dichloroethene	<0.0013	*3	0.0013	0.00055	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
1,2-Dichloropropane	<0.0013	*3	0.0013	0.00035	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Ethylbenzene	<0.0013	*3	0.0013	0.00070	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
2-Hexanone	<0.0033	*3	0.0033	0.0020	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Methylene Chloride	<0.0033	*3	0.0033	0.0014	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
4-Methyl-2-pentanone (MIBK)	<0.0033	*3	0.0033	0.0024	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Methyl tert-butyl ether	<0.0013	*3	0.0013	0.00043	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Styrene	<0.0013	*3	0.0013	0.00060	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
1,1,2,2-Tetrachloroethane	<0.0013	*3	0.0013	0.00066	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Tetrachloroethene	<0.0013	*3	0.0013	0.00075	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Toluene	<0.0013	*3	0.0013	0.00027	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
trans-1,2-Dichloroethene	<0.0013	*3	0.0013	0.00051	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
trans-1,3-Dichloropropene	<0.0013	*3	0.0013	0.00064	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
1,1,1-Trichloroethane	<0.0013	*3	0.0013	0.00054	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
1,1,2-Trichloroethane	<0.0013	*3	0.0013	0.00050	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Trichloroethene	<0.0013	*3	0.0013	0.00036	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Vinyl acetate	<0.0033	*3	0.0033	0.00080	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Vinyl chloride	<0.0013	*3 *+ *1	0.0013	0.00055	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
Xylenes, Total	<0.0027	*3	0.0027	0.00046	mg/Kg	☼	05/23/25 18:10	06/03/25 13:59	1
1,3-Dichloropropene, Total	<1.3		1.3	0.64	ug/Kg	☼	05/23/25 18:10	06/03/25 13:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*	**3*	*75 - 131*	*05/23/25 18:10*	*06/03/25 13:59*	*1*
Dibromofluoromethane	*105*	**3*	*75 - 126*	*05/23/25 18:10*	*06/03/25 13:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*	**3*	*70 - 134*	*05/23/25 18:10*	*06/03/25 13:59*	*1*
Toluene-d8 (Surr)	*105*	**3*	*75 - 124*	*05/23/25 18:10*	*06/03/25 13:59*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.036		0.036	0.0073	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Acenaphthylene	<0.036		0.036	0.0061	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Anthracene	<0.036		0.036	0.0074	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Benzo[a]anthracene	<0.036		0.036	0.0076	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B17 (5-12)
Date Collected: 05/22/25 12:10
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-13
Matrix: Solid
Percent Solids: 88.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Benzo[b]fluoranthene	<0.036		0.036	0.034	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Benzo[g,h,i]perylene	<0.036		0.036	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
4-Chloroaniline	<0.73		0.73	0.38	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
4-Chloro-3-methylphenol	<0.36		0.36	0.030	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Chrysene	<0.036		0.036	0.0095	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
2,4-Dimethylphenol	<0.36		0.36	0.081	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Dimethyl phthalate	<0.18		0.18	0.0078	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.20	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
2,4-Dinitrophenol	<0.73		0.73	0.21	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
2,6-Dinitrotoluene	<0.18		0.18	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Di-n-octyl phthalate	<0.36		0.36	0.25	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Fluoranthene	<0.036		0.036	0.0084	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Fluorene	<0.036		0.036	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Hexachlorobenzene	<0.073		0.073	0.0069	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Hexachlorocyclopentadiene	<0.73		0.73	0.38	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Isophorone	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
2-Methylnaphthalene	<0.073		0.073	0.0072	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Naphthalene	<0.036		0.036	0.0065	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
3-Nitroaniline	<0.36		0.36	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Nitrobenzene	<0.036		0.036	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
2-Nitrophenol	<0.36		0.36	0.024	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1

Client Sample ID: 5-B17 (5-12)

Date Collected: 05/22/25 12:10
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-13

Matrix: Solid
Percent Solids: 88.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.73		0.73	0.39	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
N-Nitrosodiphenylamine	<0.18		0.18	0.071	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Pentachlorophenol	<0.73		0.73	0.40	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Phenanthrene	<0.036		0.036	0.0078	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Phenol	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
Pyrene	<0.036		0.036	0.0098	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
2,4,5-Trichlorophenol	<0.36		0.36	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*78*		*43 - 145*	*05/29/25 07:31*	*05/29/25 19:31*	*1*
2-Fluorophenol	*89*		*31 - 166*	*05/29/25 07:31*	*05/29/25 19:31*	*1*
Nitrobenzene-d5 (Surr)	*88*		*37 - 147*	*05/29/25 07:31*	*05/29/25 19:31*	*1*
Phenol-d5	*91*		*30 - 153*	*05/29/25 07:31*	*05/29/25 19:31*	*1*
Terphenyl-d14 (Surr)	*93*		*42 - 157*	*05/29/25 07:31*	*05/29/25 19:31*	*1*
2,4,6-Tribromophenol	*62*		*31 - 143*	*05/29/25 07:31*	*05/29/25 19:31*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.42	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1
Arsenic	**0.83**	**J**	1.1	0.37	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1
Barium	**9.8**		1.1	0.12	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1
Beryllium	<0.44		0.44	0.10	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1
Boron	**3.2**	**J**	5.4	0.51	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1
Cadmium	<0.22		0.22	0.039	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1
Chromium	**3.3**		1.1	0.54	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1
Cobalt	**2.7**		0.54	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1
Copper	**3.2**		1.1	0.30	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1
Iron	**1500**		22	11	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1
Lead	**2.0**		0.54	0.25	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1
Magnesium	**200**		11	5.4	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1
Manganese	**27**		1.1	0.16	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1
Nickel	**4.3**		1.1	0.32	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1
Selenium	<1.1		1.1	0.64	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1
Silver	<0.54		0.54	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1
Thallium	<1.1		1.1	0.54	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1
Vanadium	**3.0**		0.54	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1
Zinc	**7.5**		2.2	0.96	mg/Kg	☼	05/28/25 14:50	05/29/25 12:03	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.66**		0.20	0.082	mg/L		05/29/25 14:52	06/04/25 21:17	1
Manganese	**1.2**		0.010	0.0023	mg/L		05/29/25 14:52	06/04/25 21:17	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.38**		0.010	0.0023	mg/L		05/28/25 13:01	05/30/25 02:16	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B17 (5-12)
Date Collected: 05/22/25 12:10
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-13
Matrix: Solid
Percent Solids: 88.5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.012	J	0.018	0.0073	mg/Kg	☼	06/03/25 14:55	06/04/25 09:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.24		0.24	0.12	mg/Kg	☼	05/28/25 14:35	05/28/25 17:16	1
pH (SW846 9045D)	7.1		0.2	0.2	SU			05/27/25 16:29	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B18 (1-5)
Date Collected: 05/22/25 12:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-14
Matrix: Solid
Percent Solids: 90.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.029**		0.019	0.0081	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Benzene	<0.0019		0.0019	0.00061	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Bromodichloromethane	<0.0019		0.0019	0.00062	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Bromomethane	<0.0049		0.0049	0.0024	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
2-Butanone (MEK)	**0.0053**		0.0049	0.0021	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Carbon disulfide	<0.0049		0.0049	0.00089	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Carbon tetrachloride	<0.0019		0.0019	0.00066	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Chlorobenzene	<0.0019		0.0019	0.00082	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Chloroethane	<0.0049		0.0049	0.0016	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Chloroform	<0.0019		0.0019	0.0014	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Chloromethane	<0.0049		0.0049	0.00094	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00078	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00078	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Dibromochloromethane	<0.0019		0.0019	0.00090	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
1,1-Dichloroethane	<0.0019		0.0019	0.00073	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
1,2-Dichloroethane	<0.0049		0.0049	0.0013	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
1,1-Dichloroethene	<0.0019		0.0019	0.00080	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Ethylbenzene	<0.0019		0.0019	0.0010	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
2-Hexanone	<0.0049		0.0049	0.0029	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Methylene Chloride	<0.0049		0.0049	0.0021	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
4-Methyl-2-pentanone (MIBK)	<0.0049		0.0049	0.0035	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00063	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Styrene	<0.0019		0.0019	0.00087	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
1,1,2,2-Tetrachloroethane	<0.0019	*+	0.0019	0.00096	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Tetrachloroethene	<0.0019		0.0019	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Toluene	<0.0019		0.0019	0.00039	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00073	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00093	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00079	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00073	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Trichloroethene	<0.0019		0.0019	0.00053	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Vinyl acetate	<0.0049		0.0049	0.0012	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Vinyl chloride	<0.0019		0.0019	0.00079	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
Xylenes, Total	<0.0039		0.0039	0.00067	mg/Kg	☼	05/23/25 18:10	05/30/25 18:05	1
1,3-Dichloropropene, Total	<1.9		1.9	0.93	ug/Kg	☼	05/23/25 18:10	05/30/25 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*75 - 131*	*05/23/25 18:10*	*05/30/25 18:05*	*1*
Dibromofluoromethane	*97*		*75 - 126*	*05/23/25 18:10*	*05/30/25 18:05*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*70 - 134*	*05/23/25 18:10*	*05/30/25 18:05*	*1*
Toluene-d8 (Surr)	*112*		*75 - 124*	*05/23/25 18:10*	*05/30/25 18:05*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.050**		0.036	0.0073	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Acenaphthylene	**0.019**	**J**	0.036	0.0061	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Anthracene	**0.081**		0.036	0.0074	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Benzo[a]anthracene	**0.13**		0.036	0.0076	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B18 (1-5)
Date Collected: 05/22/25 12:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-14
Matrix: Solid
Percent Solids: 90.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.091**		0.036	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Benzo[b]fluoranthene	**0.16**		0.036	0.034	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Benzo[g,h,i]perylene	**0.093**		0.036	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Benzo[k]fluoranthene	**0.055**		0.036	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Carbazole	**0.030**	**J**	0.18	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
4-Chloroaniline	<0.73		0.73	0.38	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
4-Chloro-3-methylphenol	<0.36		0.36	0.030	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Chrysene	**0.19**		0.036	0.0095	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Dibenzofuran	**0.092**	**J**	0.18	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
2,4-Dimethylphenol	**0.27**	**J**	0.36	0.081	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Dimethyl phthalate	<0.18		0.18	0.0078	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Di-n-butyl phthalate	**0.026**	**J**	0.18	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.20	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
2,4-Dinitrophenol	<0.73		0.73	0.21	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
2,6-Dinitrotoluene	<0.18		0.18	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Di-n-octyl phthalate	<0.36		0.36	0.25	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Fluoranthene	**0.31**		0.036	0.0084	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Fluorene	**0.095**		0.036	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Hexachlorobenzene	<0.073		0.073	0.0069	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Hexachlorocyclopentadiene	<0.73		0.73	0.38	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Indeno[1,2,3-cd]pyrene	**0.047**		0.036	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Isophorone	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
2-Methylnaphthalene	**0.32**		0.073	0.0072	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
3 & 4 Methylphenol	**0.057**	**J**	0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Naphthalene	**0.25**		0.036	0.0065	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
3-Nitroaniline	<0.36		0.36	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Nitrobenzene	<0.036		0.036	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
2-Nitrophenol	<0.36		0.36	0.024	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1

Client Sample ID: 5-B18 (1-5)
Date Collected: 05/22/25 12:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-14
Matrix: Solid
Percent Solids: 90.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.73		0.73	0.39	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
N-Nitrosodiphenylamine	<0.18		0.18	0.071	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Pentachlorophenol	<0.73		0.73	0.40	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Phenanthrene	**0.54**		0.036	0.0078	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Phenol	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
Pyrene	**0.33**		0.036	0.0098	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
2,4,5-Trichlorophenol	<0.36		0.36	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*43 - 145*	*05/29/25 07:31*	*05/29/25 19:54*	*1*
2-Fluorophenol	*89*		*31 - 166*	*05/29/25 07:31*	*05/29/25 19:54*	*1*
Nitrobenzene-d5 (Surr)	*91*		*37 - 147*	*05/29/25 07:31*	*05/29/25 19:54*	*1*
Phenol-d5	*93*		*30 - 153*	*05/29/25 07:31*	*05/29/25 19:54*	*1*
Terphenyl-d14 (Surr)	*89*		*42 - 157*	*05/29/25 07:31*	*05/29/25 19:54*	*1*
2,4,6-Tribromophenol	*71*		*31 - 143*	*05/29/25 07:31*	*05/29/25 19:54*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.8		1.8	0.99	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
beta-BHC	<1.8		1.8	1.4	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
delta-BHC	<1.8		1.8	0.84	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
gamma-BHC (Lindane)	<1.8		1.8	0.87	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
Heptachlor	<1.8		1.8	0.95	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
Aldrin	<1.8		1.8	1.2	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
Heptachlor epoxide	<1.8		1.8	0.95	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
Endosulfan I	<1.8		1.8	0.95	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
Dieldrin	<1.8		1.8	0.92	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
4,4'-DDE	<1.8		1.8	0.90	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
Endrin	<1.8		1.8	0.90	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
Endosulfan II	<1.8		1.8	0.96	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
4,4'-DDD	<1.8		1.8	0.94	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
Endosulfan sulfate	<1.8		1.8	0.97	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
4,4'-DDT	<1.8		1.8	0.83	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
Methoxychlor	<8.6		8.6	1.2	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
Endrin ketone	<1.8		1.8	0.85	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
Endrin aldehyde	<8.8		8.8	5.0	ug/Kg	☼	05/28/25 14:20	06/02/25 15:35	5
alpha-Chlordane	<1.8		1.8	0.94	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
gamma-Chlordane	<1.8		1.8	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1
Toxaphene	<17		17	7.0	ug/Kg	☼	05/28/25 14:20	06/02/25 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*61*		*33 - 148*	*05/28/25 14:20*	*06/02/25 15:23*	*1*
DCB Decachlorobiphenyl	*53*		*33 - 148*	*05/28/25 14:20*	*06/02/25 15:35*	*5*
Tetrachloro-m-xylene	*57*		*30 - 121*	*05/28/25 14:20*	*06/02/25 15:23*	*1*
Tetrachloro-m-xylene	*55*		*30 - 121*	*05/28/25 14:20*	*06/02/25 15:35*	*5*

Client Sample ID: 5-B18 (1-5)

Date Collected: 05/22/25 12:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-14

Matrix: Solid
Percent Solids: 90.6

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.087		0.087	0.034	mg/Kg	☼	05/28/25 14:20	05/30/25 13:12	5
PCB-1221	<0.087		0.087	0.034	mg/Kg	☼	05/28/25 14:20	05/30/25 13:12	5
PCB-1232	<0.087		0.087	0.024	mg/Kg	☼	05/28/25 14:20	05/30/25 13:12	5
PCB-1242	<0.087		0.087	0.034	mg/Kg	☼	05/28/25 14:20	05/30/25 13:12	5
PCB-1248	**1.0**		0.087	0.041	mg/Kg	☼	05/28/25 14:20	05/30/25 13:12	5
PCB-1254	<0.087		0.087	0.029	mg/Kg	☼	05/28/25 14:20	05/30/25 13:12	5
PCB-1260	<0.087		0.087	0.033	mg/Kg	☼	05/28/25 14:20	05/30/25 13:12	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*66*		*49 - 129*	*05/28/25 14:20*	*05/30/25 13:12*	*5*
DCB Decachlorobiphenyl	*49*		*37 - 121*	*05/28/25 14:20*	*05/30/25 13:12*	*5*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.97**	**J**	2.0	0.39	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1
Arsenic	**2.7**		1.0	0.34	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1
Barium	**50**		1.0	0.11	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1
Beryllium	**0.12**	**J**	0.40	0.093	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1
Boron	**6.3**		5.0	0.47	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1
Cadmium	**0.41**		0.20	0.036	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1
Chromium	**30**		1.0	0.49	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1
Cobalt	**2.1**		0.50	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1
Copper	**33**		1.0	0.28	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1
Iron	**21000**		20	10	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1
Lead	**470**		0.50	0.23	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1
Magnesium	**3800**		10	5.0	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1
Manganese	**1200**		1.0	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1
Nickel	**23**		1.0	0.29	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1
Selenium	<1.0		1.0	0.59	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1
Silver	**2.7**		0.50	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1
Thallium	**2.2**		1.0	0.50	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1
Vanadium	**4.6**		0.50	0.12	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1
Zinc	**150**		2.0	0.88	mg/Kg	☼	05/28/25 14:50	05/29/25 12:08	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.22**		0.20	0.082	mg/L		05/29/25 14:52	06/04/25 21:21	1
Manganese	**2.0**		0.010	0.0023	mg/L		05/29/25 14:52	06/04/25 21:21	1
Lead	**0.10**		0.0050	0.0027	mg/L		05/29/25 14:52	06/04/25 21:21	1
Chromium	<0.010		0.010	0.0017	mg/L		05/29/25 14:52	06/04/25 21:21	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.026**	**J**	0.050	0.011	mg/L		05/28/25 13:01	05/30/25 02:20	1
Lead	**0.039**		0.025	0.014	mg/L		05/28/25 13:01	05/30/25 02:20	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.035**		0.017	0.0069	mg/Kg	☼	06/03/25 14:55	06/04/25 09:03	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B18 (1-5)
Date Collected: 05/22/25 12:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-14
Matrix: Solid
Percent Solids: 90.6

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.25		0.25	0.13	mg/Kg	☼	05/28/25 14:35	05/28/25 17:16	1
pH (SW846 9045D)	**7.3**		0.2	0.2	SU			05/27/25 16:32	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B18 (5-12)
Date Collected: 05/22/25 12:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-15
Matrix: Solid
Percent Solids: 77.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	0.019		0.018	0.0077	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Benzene	<0.0018		0.0018	0.00058	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Bromodichloromethane	<0.0018		0.0018	0.00059	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Bromoform	<0.0018		0.0018	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Bromomethane	<0.0046		0.0046	0.0023	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
2-Butanone (MEK)	<0.0046		0.0046	0.0020	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Carbon disulfide	<0.0046		0.0046	0.00084	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Carbon tetrachloride	<0.0018		0.0018	0.00062	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Chlorobenzene	<0.0018		0.0018	0.00077	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Chloroethane	<0.0046		0.0046	0.0015	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Chloroform	<0.0018		0.0018	0.0013	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Chloromethane	<0.0046		0.0046	0.00089	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00074	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00073	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Dibromochloromethane	<0.0018		0.0018	0.00085	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
1,1-Dichloroethane	<0.0018		0.0018	0.00069	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
1,2-Dichloroethane	<0.0046		0.0046	0.0012	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
1,1-Dichloroethene	<0.0018		0.0018	0.00075	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
1,2-Dichloropropane	<0.0018		0.0018	0.00047	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Ethylbenzene	<0.0018		0.0018	0.00096	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
2-Hexanone	<0.0046		0.0046	0.0028	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Methylene Chloride	<0.0046		0.0046	0.0020	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
4-Methyl-2-pentanone (MIBK)	<0.0046		0.0046	0.0033	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00059	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Styrene	<0.0018		0.0018	0.00082	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
1,1,2,2-Tetrachloroethane	<0.0018	*+	0.0018	0.00091	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Tetrachloroethene	<0.0018		0.0018	0.0010	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Toluene	<0.0018		0.0018	0.00037	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00069	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00088	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00074	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00069	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Trichloroethene	<0.0018		0.0018	0.00050	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Vinyl acetate	<0.0046		0.0046	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Vinyl chloride	<0.0018		0.0018	0.00075	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
Xylenes, Total	<0.0037		0.0037	0.00063	mg/Kg	☼	05/23/25 18:10	05/30/25 18:31	1
1,3-Dichloropropene, Total	<1.8		1.8	0.88	ug/Kg	☼	05/23/25 18:10	05/30/25 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*75 - 131*	*05/23/25 18:10*	*05/30/25 18:31*	*1*
Dibromofluoromethane	*100*		*75 - 126*	*05/23/25 18:10*	*05/30/25 18:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 134*	*05/23/25 18:10*	*05/30/25 18:31*	*1*
Toluene-d8 (Surr)	*104*		*75 - 124*	*05/23/25 18:10*	*05/30/25 18:31*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.041		0.041	0.0084	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Acenaphthylene	<0.041		0.041	0.0070	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Anthracene	<0.041		0.041	0.0084	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Benzo[a]anthracene	<0.041		0.041	0.0088	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B18 (5-12)
Date Collected: 05/22/25 12:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-15
Matrix: Solid
Percent Solids: 77.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.041		0.041	0.040	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Benzo[b]fluoranthene	<0.041		0.041	0.039	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Benzo[g,h,i]perylene	<0.041		0.041	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Benzo[k]fluoranthene	<0.041		0.041	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.16	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.028	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Butyl benzyl phthalate	<0.21		0.21	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Carbazole	<0.21		0.21	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
4-Chloroaniline	<0.83		0.83	0.43	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
4-Chloro-3-methylphenol	<0.41		0.41	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
2-Chloronaphthalene	<0.21		0.21	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
2-Chlorophenol	<0.21		0.21	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.054	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Chrysene	<0.041		0.041	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Dibenz(a,h)anthracene	<0.041		0.041	0.041	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Dibenzofuran	<0.21		0.21	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
1,2-Dichlorobenzene	<0.21		0.21	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
1,3-Dichlorobenzene	<0.21		0.21	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
1,4-Dichlorobenzene	<0.21		0.21	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.18	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
2,4-Dichlorophenol	<0.41		0.41	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Diethyl phthalate	<0.21		0.21	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
2,4-Dimethylphenol	<0.41		0.41	0.093	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Dimethyl phthalate	<0.21		0.21	0.0090	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Di-n-butyl phthalate	<0.21		0.21	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
4,6-Dinitro-2-methylphenol	<0.83		0.83	0.23	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
2,4-Dinitrophenol	<0.83		0.83	0.24	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
2,4-Dinitrotoluene	<0.21		0.21	0.024	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
2,6-Dinitrotoluene	<0.21		0.21	0.029	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Di-n-octyl phthalate	<0.41		0.41	0.29	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Fluoranthene	<0.041		0.041	0.0096	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Fluorene	<0.041		0.041	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Hexachlorobenzene	<0.083		0.083	0.0079	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Hexachlorobutadiene	<0.21		0.21	0.023	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Hexachlorocyclopentadiene	<0.83		0.83	0.44	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Hexachloroethane	<0.21		0.21	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Indeno[1,2,3-cd]pyrene	<0.041		0.041	0.040	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Isophorone	<0.21		0.21	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
2-Methylnaphthalene	<0.083		0.083	0.0083	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
2-Methylphenol	<0.21		0.21	0.022	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
3 & 4 Methylphenol	<0.21		0.21	0.030	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Naphthalene	<0.041		0.041	0.0075	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
2-Nitroaniline	<0.21		0.21	0.022	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
3-Nitroaniline	<0.41		0.41	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
4-Nitroaniline	<0.41		0.41	0.031	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Nitrobenzene	<0.041		0.041	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
2-Nitrophenol	<0.41		0.41	0.028	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1

Client Sample ID: 5-B18 (5-12)

Date Collected: 05/22/25 12:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-15

Matrix: Solid
Percent Solids: 77.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.83		0.83	0.45	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
N-Nitrosodi-n-propylamine	<0.083		0.083	0.024	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
N-Nitrosodiphenylamine	<0.21		0.21	0.082	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.030	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Pentachlorophenol	<0.83		0.83	0.46	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Phenanthrene	<0.041		0.041	0.0090	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Phenol	<0.21		0.21	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
Pyrene	<0.041		0.041	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
1,2,4-Trichlorobenzene	<0.21		0.21	0.030	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
2,4,5-Trichlorophenol	<0.41		0.41	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1
2,4,6-Trichlorophenol	<0.41		0.41	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*43 - 145*	*05/29/25 07:31*	*05/29/25 20:18*	*1*
2-Fluorophenol	*90*		*31 - 166*	*05/29/25 07:31*	*05/29/25 20:18*	*1*
Nitrobenzene-d5 (Surr)	*69*		*37 - 147*	*05/29/25 07:31*	*05/29/25 20:18*	*1*
Phenol-d5	*93*		*30 - 153*	*05/29/25 07:31*	*05/29/25 20:18*	*1*
Terphenyl-d14 (Surr)	*88*		*42 - 157*	*05/29/25 07:31*	*05/29/25 20:18*	*1*
2,4,6-Tribromophenol	*62*		*31 - 143*	*05/29/25 07:31*	*05/29/25 20:18*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.4		2.4	0.47	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1
Arsenic	**2.7**		1.2	0.42	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1
Barium	**120**		1.2	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1
Beryllium	**0.61**		0.49	0.11	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1
Boron	**4.7**	**J**	6.1	0.57	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1
Cadmium	**0.18**	**J**	0.24	0.044	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1
Chromium	**22**		1.2	0.60	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1
Cobalt	**7.3**		0.61	0.16	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1
Copper	**12**		1.2	0.34	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1
Iron	**15000**		24	13	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1
Lead	**10**		0.61	0.28	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1
Magnesium	**2400**		12	6.0	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1
Manganese	**120**		1.2	0.18	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1
Nickel	**18**		1.2	0.35	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1
Selenium	<1.2		1.2	0.71	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1
Silver	<0.61		0.61	0.16	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1
Thallium	<1.2		1.2	0.61	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1
Vanadium	**30**		0.61	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1
Zinc	**44**		2.4	1.1	mg/Kg	☼	05/28/25 14:50	05/29/25 12:12	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.1**	**F1**	0.20	0.082	mg/L		05/29/25 14:30	06/03/25 22:03	1
Manganese	**0.70**	**F1**	0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 22:03	1
Chromium	<0.010		0.010	0.0017	mg/L		05/29/25 14:30	06/03/25 22:03	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B18 (5-12)
Date Collected: 05/22/25 12:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-15
Matrix: Solid
Percent Solids: 77.7

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.18		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 00:12	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.037		0.021	0.0085	mg/Kg	☼	06/03/25 14:55	06/04/25 09:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.30		0.30	0.15	mg/Kg	☼	05/28/25 14:35	05/28/25 17:21	1
pH (SW846 9045D)	6.5		0.2	0.2	SU			05/27/25 16:34	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B19 (1-5)
Date Collected: 05/22/25 14:00
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-16
Matrix: Solid
Percent Solids: 86.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.014**	**J**	0.018	0.0074	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Benzene	<0.0018		0.0018	0.00055	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Bromodichloromethane	<0.0018		0.0018	0.00056	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Bromoform	<0.0018		0.0018	0.0010	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Bromomethane	<0.0044		0.0044	0.0022	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
2-Butanone (MEK)	<0.0044		0.0044	0.0019	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Carbon disulfide	<0.0044		0.0044	0.00081	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Carbon tetrachloride	<0.0018		0.0018	0.00060	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Chlorobenzene	<0.0018		0.0018	0.00074	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Chloroethane	<0.0044		0.0044	0.0014	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Chloroform	<0.0018		0.0018	0.0013	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Chloromethane	<0.0044		0.0044	0.00085	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
cis-1,2-Dichloroethene	**0.00092**	**J**	0.0018	0.00071	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00070	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Dibromochloromethane	<0.0018		0.0018	0.00081	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
1,1-Dichloroethane	<0.0018		0.0018	0.00066	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
1,2-Dichloroethane	<0.0044		0.0044	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
1,1-Dichloroethene	<0.0018		0.0018	0.00072	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
1,2-Dichloropropane	<0.0018		0.0018	0.00045	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Ethylbenzene	<0.0018		0.0018	0.00092	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
2-Hexanone	<0.0044		0.0044	0.0027	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Methylene Chloride	<0.0044		0.0044	0.0019	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
4-Methyl-2-pentanone (MIBK)	<0.0044		0.0044	0.0031	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00057	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Styrene	<0.0018		0.0018	0.00079	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
1,1,2,2-Tetrachloroethane	<0.0018	*+	0.0018	0.00087	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Tetrachloroethene	<0.0018		0.0018	0.00098	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Toluene	<0.0018		0.0018	0.00035	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00066	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00084	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
1,1,1-Trichloroethane	<0.0018		0.0018	0.00071	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00066	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Trichloroethene	<0.0018		0.0018	0.00048	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Vinyl acetate	<0.0044		0.0044	0.0010	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Vinyl chloride	**0.00076**	**J**	0.0018	0.00072	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
Xylenes, Total	<0.0035		0.0035	0.00060	mg/Kg	☼	05/23/25 18:10	05/30/25 18:56	1
1,3-Dichloropropene, Total	<1.8		1.8	0.84	ug/Kg	☼	05/23/25 18:10	05/30/25 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*75 - 131*	*05/23/25 18:10*	*05/30/25 18:56*	*1*
Dibromofluoromethane	*98*		*75 - 126*	*05/23/25 18:10*	*05/30/25 18:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 134*	*05/23/25 18:10*	*05/30/25 18:56*	*1*
Toluene-d8 (Surr)	*96*		*75 - 124*	*05/23/25 18:10*	*05/30/25 18:56*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.036		0.036	0.0074	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Acenaphthylene	<0.036		0.036	0.0062	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Anthracene	**0.010**	**J**	0.036	0.0075	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Benzo[a]anthracene	**0.023**	**J**	0.036	0.0078	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B19 (1-5)
Date Collected: 05/22/25 14:00
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-16
Matrix: Solid
Percent Solids: 86.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Benzo[b]fluoranthene	<0.036		0.036	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Benzo[g,h,i]perylene	<0.036		0.036	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
4-Chloroaniline	<0.74		0.74	0.38	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
4-Chloro-3-methylphenol	<0.36		0.36	0.031	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
2-Chloronaphthalene	<0.18		0.18	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Chrysene	**0.032**	**J**	0.036	0.0097	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Dibenzofuran	**0.013**	**J**	0.18	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
1,3-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
2,4-Dimethylphenol	<0.36		0.36	0.082	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Dimethyl phthalate	<0.18		0.18	0.0080	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Di-n-butyl phthalate	<0.18		0.18	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
2,6-Dinitrotoluene	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Di-n-octyl phthalate	<0.36		0.36	0.26	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Fluoranthene	**0.043**		0.036	0.0085	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Fluorene	<0.036		0.036	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Hexachlorobenzene	<0.074		0.074	0.0070	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Hexachlorobutadiene	<0.18		0.18	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Hexachlorocyclopentadiene	<0.74		0.74	0.39	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Isophorone	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
2-Methylnaphthalene	**0.043**	**J**	0.074	0.0073	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
3 & 4 Methylphenol	<0.18		0.18	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Naphthalene	**0.032**	**J**	0.036	0.0066	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
2-Nitroaniline	<0.18		0.18	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
3-Nitroaniline	<0.36		0.36	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Nitrobenzene	<0.036		0.036	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
2-Nitrophenol	<0.36		0.36	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1

Client Sample ID: 5-B19 (1-5)
Lab Sample ID: 500-268848-16
Date Collected: 05/22/25 14:00
Matrix: Solid
Date Received: 05/23/25 13:40
Percent Solids: 86.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.74		0.74	0.40	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
N-Nitrosodiphenylamine	<0.18		0.18	0.073	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Pentachlorophenol	<0.74		0.74	0.41	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Phenanthrene	**0.065**		0.036	0.0080	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Phenol	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
Pyrene	**0.049**		0.036	0.010	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
2,4,5-Trichlorophenol	<0.36		0.36	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*43 - 145*	*05/29/25 07:31*	*05/29/25 20:42*	*1*
2-Fluorophenol	*92*		*31 - 166*	*05/29/25 07:31*	*05/29/25 20:42*	*1*
Nitrobenzene-d5 (Surr)	*92*		*37 - 147*	*05/29/25 07:31*	*05/29/25 20:42*	*1*
Phenol-d5	*93*		*30 - 153*	*05/29/25 07:31*	*05/29/25 20:42*	*1*
Terphenyl-d14 (Surr)	*92*		*42 - 157*	*05/29/25 07:31*	*05/29/25 20:42*	*1*
2,4,6-Tribromophenol	*68*		*31 - 143*	*05/29/25 07:31*	*05/29/25 20:42*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
beta-BHC	<1.9		1.9	1.5	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
delta-BHC	<1.9		1.9	0.90	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
gamma-BHC (Lindane)	<1.9		1.9	0.93	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
Heptachlor	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
Aldrin	<1.9		1.9	1.3	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
Heptachlor epoxide	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
Endosulfan I	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
Dieldrin	<1.9		1.9	0.98	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
4,4'-DDE	<1.9		1.9	0.96	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
Endrin	<1.9		1.9	0.96	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
Endosulfan II	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
4,4'-DDD	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
Endosulfan sulfate	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
4,4'-DDT	<1.9		1.9	0.89	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
Methoxychlor	<9.2		9.2	1.2	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
Endrin ketone	<1.9		1.9	0.91	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
Endrin aldehyde	<9.4		9.4	5.3	ug/Kg	☼	05/28/25 14:20	06/02/25 15:58	5
alpha-Chlordane	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
gamma-Chlordane	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1
Toxaphene	<19		19	7.5	ug/Kg	☼	05/28/25 14:20	06/02/25 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*54*		*33 - 148*	*05/28/25 14:20*	*06/02/25 15:46*	*1*
DCB Decachlorobiphenyl	*52*		*33 - 148*	*05/28/25 14:20*	*06/02/25 15:58*	*5*
Tetrachloro-m-xylene	*64*		*30 - 121*	*05/28/25 14:20*	*06/02/25 15:46*	*1*
Tetrachloro-m-xylene	*65*		*30 - 121*	*05/28/25 14:20*	*06/02/25 15:58*	*5*

Client Sample ID: 5-B19 (1-5)

Date Collected: 05/22/25 14:00
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-16

Matrix: Solid
Percent Solids: 86.2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.019		0.019	0.0073	mg/Kg	☼	05/28/25 14:20	05/30/25 10:42	1
PCB-1221	<0.019		0.019	0.0073	mg/Kg	☼	05/28/25 14:20	05/30/25 10:42	1
PCB-1232	<0.019		0.019	0.0050	mg/Kg	☼	05/28/25 14:20	05/30/25 10:42	1
PCB-1242	<0.019		0.019	0.0072	mg/Kg	☼	05/28/25 14:20	05/30/25 10:42	1
PCB-1248	**0.051**		0.019	0.0088	mg/Kg	☼	05/28/25 14:20	05/30/25 10:42	1
PCB-1254	<0.019		0.019	0.0063	mg/Kg	☼	05/28/25 14:20	05/30/25 10:42	1
PCB-1260	<0.019		0.019	0.0070	mg/Kg	☼	05/28/25 14:20	05/30/25 10:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*49 - 129*	*05/28/25 14:20*	*05/30/25 10:42*	*1*
DCB Decachlorobiphenyl	*46*		*37 - 121*	*05/28/25 14:20*	*05/30/25 10:42*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.3		2.3	0.44	mg/Kg	☼	05/28/25 14:50	05/29/25 12:25	1
Arsenic	**4.8**		1.1	0.39	mg/Kg	☼	05/28/25 14:50	05/29/25 12:25	1
Barium	**83**		1.1	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 12:25	1
Beryllium	**0.40**	**J**	0.46	0.11	mg/Kg	☼	05/28/25 14:50	05/29/25 12:25	1
Boron	**6.8**		5.7	0.53	mg/Kg	☼	05/28/25 14:50	05/29/25 12:25	1
Cadmium	**0.13**	**J**	0.23	0.041	mg/Kg	☼	05/28/25 14:50	05/29/25 12:25	1
Chromium	**23**		1.1	0.56	mg/Kg	☼	05/28/25 14:50	05/29/25 12:25	1
Cobalt	**8.5**		2.9	0.75	mg/Kg	☼	05/28/25 14:50	05/30/25 19:45	5
Copper	**22**		1.1	0.32	mg/Kg	☼	05/28/25 14:50	05/29/25 12:25	1
Iron	**18000**		23	12	mg/Kg	☼	05/28/25 14:50	05/29/25 12:25	1
Lead	**16**		0.57	0.26	mg/Kg	☼	05/28/25 14:50	05/29/25 12:25	1
Magnesium	**3400**		11	5.7	mg/Kg	☼	05/28/25 14:50	05/29/25 12:25	1
Manganese	**420**		1.1	0.17	mg/Kg	☼	05/28/25 14:50	05/29/25 12:25	1
Nickel	**21**		1.1	0.33	mg/Kg	☼	05/28/25 14:50	05/29/25 12:25	1
Selenium	<1.1		1.1	0.67	mg/Kg	☼	05/28/25 14:50	05/29/25 12:25	1
Silver	**0.79**		0.57	0.15	mg/Kg	☼	05/28/25 14:50	05/29/25 12:25	1
Thallium	**0.89**	**J**	1.1	0.57	mg/Kg	☼	05/28/25 14:50	05/29/25 12:25	1
Vanadium	**46**		2.9	0.67	mg/Kg	☼	05/28/25 14:50	05/30/25 19:45	5
Zinc	**53**		2.3	1.0	mg/Kg	☼	05/28/25 14:50	05/29/25 12:25	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**9.1**		0.20	0.082	mg/L		05/29/25 14:30	06/03/25 22:21	1
Manganese	**8.2**		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 22:21	1
Chromium	**0.0023**	**J**	0.010	0.0017	mg/L		05/29/25 14:30	06/03/25 22:21	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**110**		0.20	0.082	mg/L		05/29/25 14:34	06/04/25 00:38	1
Manganese	**1.6**		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 00:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.051**		0.018	0.0075	mg/Kg	☼	06/03/25 14:55	06/04/25 09:11	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B19 (1-5)
Date Collected: 05/22/25 14:00
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-16
Matrix: Solid
Percent Solids: 86.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.28		0.28	0.14	mg/Kg	☼	05/28/25 14:35	05/28/25 17:21	1
pH (SW846 9045D)	**6.9**		0.2	0.2	SU			05/27/25 16:37	1

Client Sample ID: 5-B19 (5-12)

Date Collected: 05/22/25 14:05
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-17

Matrix: Solid
Percent Solids: 74.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.011**	**J**	0.020	0.0083	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Benzene	<0.0020		0.0020	0.00062	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Bromodichloromethane	<0.0020		0.0020	0.00063	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Bromomethane	<0.0049		0.0049	0.0024	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
2-Butanone (MEK)	<0.0049		0.0049	0.0022	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Carbon disulfide	<0.0049		0.0049	0.00091	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Carbon tetrachloride	<0.0020		0.0020	0.00067	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Chlorobenzene	<0.0020		0.0020	0.00083	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Chloroethane	<0.0049		0.0049	0.0016	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Chloromethane	<0.0049		0.0049	0.00096	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00080	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00079	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Dibromochloromethane	<0.0020		0.0020	0.00092	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
1,1-Dichloroethane	<0.0020		0.0020	0.00074	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
1,2-Dichloroethane	<0.0049		0.0049	0.0013	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
1,1-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
1,2-Dichloropropane	<0.0020		0.0020	0.00051	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Ethylbenzene	<0.0020		0.0020	0.0010	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
2-Hexanone	<0.0049		0.0049	0.0030	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Methylene Chloride	<0.0049		0.0049	0.0021	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
4-Methyl-2-pentanone (MIBK)	<0.0049		0.0049	0.0035	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00064	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Styrene	<0.0020		0.0020	0.00089	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
1,1,2,2-Tetrachloroethane	<0.0020	*+	0.0020	0.00098	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00075	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00095	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00080	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00074	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Vinyl acetate	<0.0049		0.0049	0.0012	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Vinyl chloride	<0.0020		0.0020	0.00081	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
Xylenes, Total	<0.0039		0.0039	0.00068	mg/Kg	☼	05/23/25 18:10	05/30/25 19:22	1
1,3-Dichloropropene, Total	<2.0		2.0	0.95	ug/Kg	☼	05/23/25 18:10	05/30/25 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*75 - 131*	*05/23/25 18:10*	*05/30/25 19:22*	*1*
Dibromofluoromethane	*99*		*75 - 126*	*05/23/25 18:10*	*05/30/25 19:22*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 134*	*05/23/25 18:10*	*05/30/25 19:22*	*1*
Toluene-d8 (Surr)	*104*		*75 - 124*	*05/23/25 18:10*	*05/30/25 19:22*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.044		0.044	0.0089	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Acenaphthylene	<0.044		0.044	0.0075	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Anthracene	<0.044		0.044	0.0090	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Benzo[a]anthracene	<0.044		0.044	0.0093	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B19 (5-12)
Date Collected: 05/22/25 14:05
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-17
Matrix: Solid
Percent Solids: 74.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.044		0.044	0.042	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Benzo[b]fluoranthene	<0.044		0.044	0.042	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Benzo[g,h,i]perylene	<0.044		0.044	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Benzo[k]fluoranthene	<0.044		0.044	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Bis(2-chloroethoxy)methane	<0.22		0.22	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Bis(2-chloroethyl)ether	<0.22		0.22	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Bis(2-ethylhexyl) phthalate	<0.22		0.22	0.17	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
4-Bromophenyl phenyl ether	<0.22		0.22	0.030	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Butyl benzyl phthalate	<0.22		0.22	0.022	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Carbazole	<0.22		0.22	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
4-Chloroaniline	<0.89		0.89	0.46	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
4-Chloro-3-methylphenol	<0.44		0.44	0.037	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
2-Chloronaphthalene	<0.22		0.22	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
2-Chlorophenol	<0.22		0.22	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
4-Chlorophenyl phenyl ether	<0.22		0.22	0.058	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Chrysene	<0.044		0.044	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Dibenz(a,h)anthracene	<0.044		0.044	0.044	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Dibenzofuran	<0.22		0.22	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
1,2-Dichlorobenzene	<0.22		0.22	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
1,3-Dichlorobenzene	<0.22		0.22	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
1,4-Dichlorobenzene	<0.22		0.22	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
3,3'-Dichlorobenzidine	<0.22		0.22	0.19	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
2,4-Dichlorophenol	<0.44		0.44	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Diethyl phthalate	<0.22		0.22	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
2,4-Dimethylphenol	<0.44		0.44	0.098	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Dimethyl phthalate	<0.22		0.22	0.0095	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Di-n-butyl phthalate	<0.22		0.22	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
4,6-Dinitro-2-methylphenol	<0.89		0.89	0.25	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
2,4-Dinitrophenol	<0.89		0.89	0.25	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
2,4-Dinitrotoluene	<0.22		0.22	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
2,6-Dinitrotoluene	<0.22		0.22	0.031	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Di-n-octyl phthalate	<0.44		0.44	0.31	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Fluoranthene	<0.044		0.044	0.010	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Fluorene	<0.044		0.044	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Hexachlorobenzene	<0.089		0.089	0.0084	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Hexachlorobutadiene	<0.22		0.22	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Hexachlorocyclopentadiene	<0.89		0.89	0.47	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Hexachloroethane	<0.22		0.22	0.022	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Indeno[1,2,3-cd]pyrene	<0.044		0.044	0.043	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Isophorone	<0.22		0.22	0.023	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
2-Methylnaphthalene	<0.089		0.089	0.0088	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
2-Methylphenol	<0.22		0.22	0.023	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
3 & 4 Methylphenol	<0.22		0.22	0.032	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Naphthalene	<0.044		0.044	0.0079	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
2-Nitroaniline	<0.22		0.22	0.024	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
3-Nitroaniline	<0.44		0.44	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
4-Nitroaniline	<0.44		0.44	0.032	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Nitrobenzene	<0.044		0.044	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
2-Nitrophenol	<0.44		0.44	0.030	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1

Client Sample ID: 5-B19 (5-12)
Date Collected: 05/22/25 14:05
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-17
Matrix: Solid
Percent Solids: 74.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.89		0.89	0.48	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
N-Nitrosodi-n-propylamine	<0.089		0.089	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
N-Nitrosodiphenylamine	<0.22		0.22	0.087	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
2,2'-oxybis[1-chloropropane]	<0.22		0.22	0.032	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Pentachlorophenol	<0.89		0.89	0.49	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Phenanthrene	<0.044		0.044	0.0096	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Phenol	<0.22		0.22	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
Pyrene	<0.044		0.044	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
1,2,4-Trichlorobenzene	<0.22		0.22	0.031	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
2,4,5-Trichlorophenol	<0.44		0.44	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1
2,4,6-Trichlorophenol	<0.44		0.44	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*43 - 145*	*05/29/25 07:31*	*05/29/25 21:06*	*1*
2-Fluorophenol	*88*		*31 - 166*	*05/29/25 07:31*	*05/29/25 21:06*	*1*
Nitrobenzene-d5 (Surr)	*80*		*37 - 147*	*05/29/25 07:31*	*05/29/25 21:06*	*1*
Phenol-d5	*90*		*30 - 153*	*05/29/25 07:31*	*05/29/25 21:06*	*1*
Terphenyl-d14 (Surr)	*85*		*42 - 157*	*05/29/25 07:31*	*05/29/25 21:06*	*1*
2,4,6-Tribromophenol	*65*		*31 - 143*	*05/29/25 07:31*	*05/29/25 21:06*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.3		2.3	0.45	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1
Arsenic	**6.7**		1.2	0.40	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1
Barium	**110**		1.2	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1
Beryllium	**0.61**		0.46	0.11	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1
Boron	**6.7**		5.8	0.54	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1
Cadmium	**0.16**	**J**	0.23	0.042	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1
Chromium	**25**		1.2	0.57	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1
Cobalt	**13**		0.58	0.15	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1
Copper	**7.3**		1.2	0.32	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1
Iron	**35000**		23	12	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1
Lead	**15**		0.58	0.27	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1
Magnesium	**4300**		12	5.7	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1
Manganese	**240**		1.2	0.17	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1
Nickel	**24**		1.2	0.34	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1
Selenium	<1.2		1.2	0.68	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1
Silver	**0.47**	**J**	0.58	0.15	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1
Thallium	<1.2		1.2	0.58	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1
Vanadium	**58**		0.58	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1
Zinc	**72**		2.3	1.0	mg/Kg	☼	05/28/25 14:50	05/29/25 12:29	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.18**	**J**	0.20	0.082	mg/L		05/29/25 14:30	06/03/25 22:26	1
Manganese	**2.1**		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 22:26	1
Chromium	<0.010		0.010	0.0017	mg/L		05/29/25 14:30	06/03/25 22:26	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B19 (5-12)
Date Collected: 05/22/25 14:05
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-17
Matrix: Solid
Percent Solids: 74.7

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.28**		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 00:43	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.051**		0.022	0.0089	mg/Kg	☼	06/03/25 14:55	06/04/25 09:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.32		0.32	0.16	mg/Kg	☼	05/28/25 14:35	05/28/25 17:22	1
pH (SW846 9045D)	**6.8**		0.2	0.2	SU			05/27/25 16:39	1

Client Sample ID: 5-B20 (1-5)
Date Collected: 05/22/25 14:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-18
Matrix: Solid
Percent Solids: 88.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.010**	**J**	0.014	0.0059	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Benzene	<0.0014		0.0014	0.00044	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Bromodichloromethane	<0.0014		0.0014	0.00045	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Bromoform	<0.0014		0.0014	0.00081	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Bromomethane	<0.0035		0.0035	0.0017	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
2-Butanone (MEK)	**0.0024**	**J**	0.0035	0.0015	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Carbon disulfide	<0.0035		0.0035	0.00064	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Carbon tetrachloride	<0.0014		0.0014	0.00048	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Chlorobenzene	<0.0014		0.0014	0.00059	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Chloroethane	<0.0035		0.0035	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Chloroform	<0.0014		0.0014	0.0010	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Chloromethane	<0.0035		0.0035	0.00068	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
cis-1,2-Dichloroethene	<0.0014		0.0014	0.00056	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
cis-1,3-Dichloropropene	<0.0014		0.0014	0.00056	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Dibromochloromethane	<0.0014		0.0014	0.00065	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
1,1-Dichloroethane	<0.0014		0.0014	0.00053	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
1,2-Dichloroethane	<0.0035		0.0035	0.00090	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
1,1-Dichloroethene	<0.0014		0.0014	0.00057	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
1,2-Dichloropropane	<0.0014		0.0014	0.00036	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Ethylbenzene	<0.0014		0.0014	0.00073	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
2-Hexanone	<0.0035		0.0035	0.0021	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Methylene Chloride	<0.0035		0.0035	0.0015	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
4-Methyl-2-pentanone (MIBK)	<0.0035		0.0035	0.0025	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Methyl tert-butyl ether	<0.0014		0.0014	0.00045	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Styrene	<0.0014		0.0014	0.00063	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
1,1,2,2-Tetrachloroethane	<0.0014	*+	0.0014	0.00069	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Tetrachloroethene	<0.0014		0.0014	0.00078	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Toluene	<0.0014		0.0014	0.00028	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
trans-1,2-Dichloroethene	<0.0014		0.0014	0.00053	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
trans-1,3-Dichloropropene	<0.0014		0.0014	0.00067	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
1,1,1-Trichloroethane	<0.0014		0.0014	0.00057	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
1,1,2-Trichloroethane	<0.0014		0.0014	0.00052	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Trichloroethene	<0.0014		0.0014	0.00038	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Vinyl acetate	<0.0035		0.0035	0.00083	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Vinyl chloride	**0.00058**	**J**	0.0014	0.00057	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
Xylenes, Total	<0.0028		0.0028	0.00048	mg/Kg	☼	05/23/25 18:10	05/30/25 19:47	1
1,3-Dichloropropene, Total	<1.4		1.4	0.67	ug/Kg	☼	05/23/25 18:10	05/30/25 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*75 - 131*	*05/23/25 18:10*	*05/30/25 19:47*	*1*
Dibromofluoromethane	*98*		*75 - 126*	*05/23/25 18:10*	*05/30/25 19:47*	*1*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 134*	*05/23/25 18:10*	*05/30/25 19:47*	*1*
Toluene-d8 (Surr)	*105*		*75 - 124*	*05/23/25 18:10*	*05/30/25 19:47*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.036		0.036	0.0075	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Acenaphthylene	<0.036		0.036	0.0062	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Anthracene	<0.036		0.036	0.0075	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Benzo[a]anthracene	<0.036		0.036	0.0078	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B20 (1-5)
Date Collected: 05/22/25 14:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-18
Matrix: Solid
Percent Solids: 88.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Benzo[b]fluoranthene	<0.036		0.036	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Benzo[g,h,i]perylene	<0.036		0.036	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
4-Chloroaniline	<0.74		0.74	0.38	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
4-Chloro-3-methylphenol	<0.36		0.36	0.031	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
2-Chloronaphthalene	<0.18		0.18	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.048	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Chrysene	<0.036		0.036	0.0097	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
1,3-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
2,4-Dimethylphenol	<0.36		0.36	0.082	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Dimethyl phthalate	<0.18		0.18	0.0080	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Di-n-butyl phthalate	<0.18		0.18	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
4,6-Dinitro-2-methylphenol	<0.74		0.74	0.21	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
2,4-Dinitrophenol	<0.74		0.74	0.21	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
2,6-Dinitrotoluene	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Di-n-octyl phthalate	<0.36		0.36	0.26	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Fluoranthene	<0.036		0.036	0.0085	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Fluorene	<0.036		0.036	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Hexachlorobenzene	<0.074		0.074	0.0070	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Hexachlorobutadiene	<0.18		0.18	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Hexachlorocyclopentadiene	<0.74		0.74	0.39	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Isophorone	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
2-Methylnaphthalene	<0.074		0.074	0.0074	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
3 & 4 Methylphenol	<0.18		0.18	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Naphthalene	<0.036		0.036	0.0066	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
2-Nitroaniline	<0.18		0.18	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
3-Nitroaniline	<0.36		0.36	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Nitrobenzene	<0.036		0.036	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
2-Nitrophenol	<0.36		0.36	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1

Client Sample ID: 5-B20 (1-5)
Date Collected: 05/22/25 14:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-18
Matrix: Solid
Percent Solids: 88.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.74		0.74	0.40	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
N-Nitrosodi-n-propylamine	<0.074		0.074	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
N-Nitrosodiphenylamine	<0.18		0.18	0.073	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Pentachlorophenol	<0.74		0.74	0.41	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Phenanthrene	<0.036		0.036	0.0080	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Phenol	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
Pyrene	<0.036		0.036	0.010	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
2,4,5-Trichlorophenol	<0.36		0.36	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 21:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*72*		*43 - 145*	*05/29/25 07:31*	*05/29/25 21:29*	*1*
2-Fluorophenol	*80*		*31 - 166*	*05/29/25 07:31*	*05/29/25 21:29*	*1*
Nitrobenzene-d5 (Surr)	*80*		*37 - 147*	*05/29/25 07:31*	*05/29/25 21:29*	*1*
Phenol-d5	*84*		*30 - 153*	*05/29/25 07:31*	*05/29/25 21:29*	*1*
Terphenyl-d14 (Surr)	*86*		*42 - 157*	*05/29/25 07:31*	*05/29/25 21:29*	*1*
2,4,6-Tribromophenol	*58*		*31 - 143*	*05/29/25 07:31*	*05/29/25 21:29*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.8		1.8	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
beta-BHC	<1.8		1.8	1.5	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
delta-BHC	<1.8		1.8	0.87	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
gamma-BHC (Lindane)	<1.8		1.8	0.90	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
Heptachlor	<1.8		1.8	0.98	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
Aldrin	<1.8		1.8	1.3	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
Heptachlor epoxide	<1.8		1.8	0.97	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
Endosulfan I	<1.8		1.8	0.98	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
Dieldrin	<1.8		1.8	0.95	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
4,4'-DDE	<1.8		1.8	0.93	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
Endrin	<1.8		1.8	0.92	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
Endosulfan II	<1.8		1.8	0.99	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
4,4'-DDD	<1.8		1.8	0.97	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
Endosulfan sulfate	<1.8		1.8	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
4,4'-DDT	<1.8		1.8	0.86	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
Methoxychlor	<8.9		8.9	1.2	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
Endrin ketone	<1.8		1.8	0.88	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
Endrin aldehyde	<1.8		1.8	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
alpha-Chlordane	<1.8		1.8	0.97	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
gamma-Chlordane	<1.8		1.8	1.0	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1
Toxaphene	<18		18	7.2	ug/Kg	☼	05/28/25 14:20	05/30/25 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*54*		*33 - 148*	*05/28/25 14:20*	*05/30/25 15:36*	*1*
Tetrachloro-m-xylene	*53*		*30 - 121*	*05/28/25 14:20*	*05/30/25 15:36*	*1*

Client Sample ID: 5-B20 (1-5)

Date Collected: 05/22/25 14:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-18

Matrix: Solid
Percent Solids: 88.5

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.018		0.018	0.0070	mg/Kg	☼	05/28/25 14:20	05/29/25 19:23	1
PCB-1221	<0.018		0.018	0.0070	mg/Kg	☼	05/28/25 14:20	05/29/25 19:23	1
PCB-1232	<0.018		0.018	0.0048	mg/Kg	☼	05/28/25 14:20	05/29/25 19:23	1
PCB-1242	<0.018		0.018	0.0070	mg/Kg	☼	05/28/25 14:20	05/29/25 19:23	1
PCB-1248	<0.018		0.018	0.0085	mg/Kg	☼	05/28/25 14:20	05/29/25 19:23	1
PCB-1254	<0.018		0.018	0.0061	mg/Kg	☼	05/28/25 14:20	05/29/25 19:23	1
PCB-1260	<0.018		0.018	0.0067	mg/Kg	☼	05/28/25 14:20	05/29/25 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*38*	*S1-*	*49 - 129*	*05/28/25 14:20*	*05/29/25 19:23*	*1*
DCB Decachlorobiphenyl	*49*		*37 - 121*	*05/28/25 14:20*	*05/29/25 19:23*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.42	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1
Arsenic	**2.6**		1.1	0.37	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1
Barium	**62**		1.1	0.12	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1
Beryllium	**0.28**	**J**	0.43	0.10	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1
Boron	**4.1**	**J**	5.4	0.51	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1
Cadmium	**0.18**	**J**	0.22	0.039	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1
Chromium	**12**		1.1	0.54	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1
Cobalt	**5.7**		0.54	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1
Copper	**8.0**		1.1	0.30	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1
Iron	**8100**		22	11	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1
Lead	**13**		0.54	0.25	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1
Magnesium	**1400**		11	5.4	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1
Manganese	**270**		1.1	0.16	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1
Nickel	**9.3**		1.1	0.32	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1
Selenium	<1.1		1.1	0.64	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1
Silver	**0.47**	**J**	0.54	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1
Thallium	**0.82**	**J**	1.1	0.54	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1
Vanadium	**20**		0.54	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1
Zinc	**31**		2.2	0.95	mg/Kg	☼	05/28/25 14:50	05/29/25 12:33	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.24**		0.20	0.082	mg/L		05/29/25 14:30	06/03/25 22:30	1
Manganese	**6.2**		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 22:30	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.68**		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 00:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.034**		0.018	0.0076	mg/Kg	☼	06/03/25 14:55	06/04/25 09:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.24		0.24	0.12	mg/Kg	☼	05/28/25 14:35	05/28/25 17:23	1
pH (SW846 9045D)	**7.1**		0.2	0.2	SU			05/27/25 16:42	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B20 (1-5)D
Date Collected: 05/22/25 14:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-19
Matrix: Solid
Percent Solids: 87.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0064	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Benzene	<0.0015		0.0015	0.00048	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Bromodichloromethane	<0.0015		0.0015	0.00049	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Bromoform	<0.0015		0.0015	0.00089	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Bromomethane	<0.0038		0.0038	0.0019	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
2-Butanone (MEK)	<0.0038		0.0038	0.0017	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Carbon disulfide	<0.0038		0.0038	0.00070	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Carbon tetrachloride	<0.0015		0.0015	0.00052	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Chlorobenzene	<0.0015		0.0015	0.00064	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Chloroethane	<0.0038		0.0038	0.0013	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Chloromethane	<0.0038		0.0038	0.00074	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00061	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00061	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Dibromochloromethane	<0.0015		0.0015	0.00071	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
1,1-Dichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
1,2-Dichloroethane	<0.0038		0.0038	0.00099	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
1,1-Dichloroethene	<0.0015		0.0015	0.00063	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Ethylbenzene	<0.0015		0.0015	0.00080	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
2-Hexanone	<0.0038		0.0038	0.0023	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Methylene Chloride	<0.0038		0.0038	0.0016	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
4-Methyl-2-pentanone (MIBK)	<0.0038		0.0038	0.0027	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00049	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Styrene	<0.0015		0.0015	0.00069	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
1,1,2,2-Tetrachloroethane	<0.0015	*+	0.0015	0.00076	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Tetrachloroethene	<0.0015		0.0015	0.00086	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Toluene	<0.0015		0.0015	0.00031	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00058	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00073	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00062	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Trichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Vinyl acetate	<0.0038		0.0038	0.00091	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Vinyl chloride	<0.0015		0.0015	0.00062	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
Xylenes, Total	<0.0030		0.0030	0.00052	mg/Kg	☼	05/23/25 18:10	05/30/25 20:13	1
1,3-Dichloropropene, Total	<1.5		1.5	0.73	ug/Kg	☼	05/23/25 18:10	05/30/25 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*75 - 131*	*05/23/25 18:10*	*05/30/25 20:13*	*1*
Dibromofluoromethane	*100*		*75 - 126*	*05/23/25 18:10*	*05/30/25 20:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 134*	*05/23/25 18:10*	*05/30/25 20:13*	*1*
Toluene-d8 (Surr)	*102*		*75 - 124*	*05/23/25 18:10*	*05/30/25 20:13*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.036		0.036	0.0073	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Acenaphthylene	<0.036		0.036	0.0061	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Anthracene	<0.036		0.036	0.0074	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Benzo[a]anthracene	<0.036		0.036	0.0076	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B20 (1-5)D
Date Collected: 05/22/25 14:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-19
Matrix: Solid
Percent Solids: 87.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.036		0.036	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Benzo[b]fluoranthene	<0.036		0.036	0.034	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Benzo[g,h,i]perylene	<0.036		0.036	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Benzo[k]fluoranthene	<0.036		0.036	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Butyl benzyl phthalate	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
4-Chloroaniline	<0.73		0.73	0.38	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
4-Chloro-3-methylphenol	<0.36		0.36	0.030	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
2-Chlorophenol	<0.18		0.18	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.047	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Chrysene	<0.036		0.036	0.0095	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Dibenz(a,h)anthracene	<0.036		0.036	0.036	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Dibenzofuran	<0.18		0.18	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
1,2-Dichlorobenzene	<0.18		0.18	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.16	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
2,4-Dichlorophenol	<0.36		0.36	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Diethyl phthalate	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
2,4-Dimethylphenol	<0.36		0.36	0.081	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Dimethyl phthalate	<0.18		0.18	0.0078	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
4,6-Dinitro-2-methylphenol	<0.73		0.73	0.20	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
2,4-Dinitrophenol	<0.73		0.73	0.21	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
2,4-Dinitrotoluene	<0.18		0.18	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
2,6-Dinitrotoluene	<0.18		0.18	0.025	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Di-n-octyl phthalate	<0.36		0.36	0.25	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Fluoranthene	<0.036		0.036	0.0084	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Fluorene	<0.036		0.036	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Hexachlorobenzene	<0.073		0.073	0.0069	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Hexachlorocyclopentadiene	<0.73		0.73	0.38	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Hexachloroethane	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Indeno[1,2,3-cd]pyrene	<0.036		0.036	0.035	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Isophorone	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
2-Methylnaphthalene	<0.073		0.073	0.0072	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
2-Methylphenol	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Naphthalene	<0.036		0.036	0.0065	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
3-Nitroaniline	<0.36		0.36	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
4-Nitroaniline	<0.36		0.36	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Nitrobenzene	<0.036		0.036	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
2-Nitrophenol	<0.36		0.36	0.024	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B20 (1-5)D
Date Collected: 05/22/25 14:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-19
Matrix: Solid
Percent Solids: 87.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.73		0.73	0.39	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
N-Nitrosodi-n-propylamine	<0.073		0.073	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
N-Nitrosodiphenylamine	<0.18		0.18	0.071	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Pentachlorophenol	<0.73		0.73	0.40	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Phenanthrene	**0.0087**	**J**	0.036	0.0078	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Phenol	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
Pyrene	<0.036		0.036	0.0098	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
2,4,5-Trichlorophenol	<0.36		0.36	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1
2,4,6-Trichlorophenol	<0.36		0.36	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*43 - 145*	*05/29/25 07:31*	*05/29/25 21:53*	*1*
2-Fluorophenol	*88*		*31 - 166*	*05/29/25 07:31*	*05/29/25 21:53*	*1*
Nitrobenzene-d5 (Surr)	*88*		*37 - 147*	*05/29/25 07:31*	*05/29/25 21:53*	*1*
Phenol-d5	*92*		*30 - 153*	*05/29/25 07:31*	*05/29/25 21:53*	*1*
Terphenyl-d14 (Surr)	*89*		*42 - 157*	*05/29/25 07:31*	*05/29/25 21:53*	*1*
2,4,6-Tribromophenol	*67*		*31 - 143*	*05/29/25 07:31*	*05/29/25 21:53*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
beta-BHC	<1.9		1.9	1.5	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
delta-BHC	<1.9		1.9	0.90	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
gamma-BHC (Lindane)	<1.9		1.9	0.94	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
Heptachlor	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
Aldrin	<1.9		1.9	1.3	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
Heptachlor epoxide	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
Endosulfan I	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
Dieldrin	<1.9		1.9	0.98	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
4,4'-DDE	<1.9		1.9	0.97	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
Endrin	<1.9		1.9	0.96	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
Endosulfan II	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
4,4'-DDD	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
Endosulfan sulfate	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
4,4'-DDT	<1.9		1.9	0.89	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
Methoxychlor	<9.3		9.3	1.2	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
Endrin ketone	<1.9		1.9	0.92	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
Endrin aldehyde	<9.5		9.5	5.4	ug/Kg	☼	05/28/25 14:20	06/02/25 16:21	5
alpha-Chlordane	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
gamma-Chlordane	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1
Toxaphene	<19		19	7.5	ug/Kg	☼	05/28/25 14:20	06/02/25 16:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*56*		*33 - 148*	*05/28/25 14:20*	*06/02/25 16:09*	*1*
DCB Decachlorobiphenyl	*58*		*33 - 148*	*05/28/25 14:20*	*06/02/25 16:21*	*5*
Tetrachloro-m-xylene	*63*		*30 - 121*	*05/28/25 14:20*	*06/02/25 16:09*	*1*
Tetrachloro-m-xylene	*63*		*30 - 121*	*05/28/25 14:20*	*06/02/25 16:21*	*5*

Client Sample ID: 5-B20 (1-5)D

Date Collected: 05/22/25 14:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-19

Matrix: Solid
Percent Solids: 87.0

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.019		0.019	0.0073	mg/Kg	☼	05/28/25 14:20	05/30/25 10:57	1
PCB-1221	<0.019		0.019	0.0073	mg/Kg	☼	05/28/25 14:20	05/30/25 10:57	1
PCB-1232	<0.019		0.019	0.0050	mg/Kg	☼	05/28/25 14:20	05/30/25 10:57	1
PCB-1242	<0.019		0.019	0.0072	mg/Kg	☼	05/28/25 14:20	05/30/25 10:57	1
PCB-1248	**0.030**		0.019	0.0088	mg/Kg	☼	05/28/25 14:20	05/30/25 10:57	1
PCB-1254	<0.019		0.019	0.0063	mg/Kg	☼	05/28/25 14:20	05/30/25 10:57	1
PCB-1260	<0.019		0.019	0.0070	mg/Kg	☼	05/28/25 14:20	05/30/25 10:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*49 - 129*	*05/28/25 14:20*	*05/30/25 10:57*	*1*
DCB Decachlorobiphenyl	*46*		*37 - 121*	*05/28/25 14:20*	*05/30/25 10:57*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.1		2.1	0.40	mg/Kg	☼	05/28/25 14:50	05/29/25 12:38	1
Arsenic	**3.5**		1.0	0.35	mg/Kg	☼	05/28/25 14:50	05/29/25 12:38	1
Barium	**85**		1.0	0.12	mg/Kg	☼	05/28/25 14:50	05/29/25 12:38	1
Beryllium	**0.39**	**J**	0.41	0.096	mg/Kg	☼	05/28/25 14:50	05/29/25 12:38	1
Boron	**5.6**		5.2	0.48	mg/Kg	☼	05/28/25 14:50	05/29/25 12:38	1
Cadmium	**0.074**	**J**	0.21	0.037	mg/Kg	☼	05/28/25 14:50	05/29/25 12:38	1
Chromium	**24**		1.0	0.51	mg/Kg	☼	05/28/25 14:50	05/29/25 12:38	1
Cobalt	**8.6**		2.6	0.68	mg/Kg	☼	05/28/25 14:50	05/30/25 19:49	5
Copper	**20**		1.0	0.29	mg/Kg	☼	05/28/25 14:50	05/29/25 12:38	1
Iron	**18000**		21	11	mg/Kg	☼	05/28/25 14:50	05/29/25 12:38	1
Lead	**8.4**		0.52	0.24	mg/Kg	☼	05/28/25 14:50	05/29/25 12:38	1
Magnesium	**3200**		10	5.1	mg/Kg	☼	05/28/25 14:50	05/29/25 12:38	1
Manganese	**330**		1.0	0.15	mg/Kg	☼	05/28/25 14:50	05/29/25 12:38	1
Nickel	**18**		1.0	0.30	mg/Kg	☼	05/28/25 14:50	05/29/25 12:38	1
Selenium	<1.0		1.0	0.61	mg/Kg	☼	05/28/25 14:50	05/29/25 12:38	1
Silver	**0.55**		0.52	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 12:38	1
Thallium	**0.87**	**J**	1.0	0.52	mg/Kg	☼	05/28/25 14:50	05/29/25 12:38	1
Vanadium	**48**		2.6	0.61	mg/Kg	☼	05/28/25 14:50	05/30/25 19:49	5
Zinc	**34**		2.1	0.91	mg/Kg	☼	05/28/25 14:50	05/29/25 12:38	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.48**		0.20	0.082	mg/L		05/29/25 14:30	06/03/25 22:44	1
Manganese	**3.0**		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 22:44	1
Chromium	<0.010		0.010	0.0017	mg/L		05/29/25 14:30	06/03/25 22:44	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.76**		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 00:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.024**		0.017	0.0072	mg/Kg	☼	06/03/25 14:55	06/04/25 09:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.13	mg/Kg	☼	05/28/25 14:35	05/28/25 17:24	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B20 (1-5)D
Date Collected: 05/22/25 14:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-19
Matrix: Solid
Percent Solids: 87.0

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.5		0.2	0.2	SU			05/27/25 16:46	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B20 (5-12)
Date Collected: 05/22/25 14:50
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-20
Matrix: Solid
Percent Solids: 82.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.016**	**J**	0.017	0.0070	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Benzene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Bromodichloromethane	<0.0017		0.0017	0.00054	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Bromoform	<0.0017		0.0017	0.00098	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Bromomethane	<0.0042		0.0042	0.0021	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
2-Butanone (MEK)	**0.0033**	**J**	0.0042	0.0018	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Carbon disulfide	<0.0042		0.0042	0.00077	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Carbon tetrachloride	<0.0017	*+	0.0017	0.00057	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Chlorobenzene	<0.0017		0.0017	0.00071	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Chloroethane	<0.0042		0.0042	0.0014	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Chloroform	<0.0017		0.0017	0.0012	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Chloromethane	<0.0042	*+	0.0042	0.00081	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00068	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00067	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Dibromochloromethane	<0.0017		0.0017	0.00078	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
1,1-Dichloroethane	<0.0017		0.0017	0.00063	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
1,2-Dichloroethane	<0.0042	*+	0.0042	0.0011	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
1,1-Dichloroethene	<0.0017		0.0017	0.00069	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Ethylbenzene	<0.0017		0.0017	0.00088	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
2-Hexanone	<0.0042		0.0042	0.0025	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Methylene Chloride	<0.0042		0.0042	0.0018	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
4-Methyl-2-pentanone (MIBK)	<0.0042		0.0042	0.0030	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00054	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Styrene	<0.0017		0.0017	0.00075	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00083	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Tetrachloroethene	<0.0017		0.0017	0.00094	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Toluene	<0.0017		0.0017	0.00034	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00063	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00080	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
1,1,1-Trichloroethane	<0.0017	*+	0.0017	0.00068	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00063	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Trichloroethene	<0.0017		0.0017	0.00046	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Vinyl acetate	<0.0042		0.0042	0.0010	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Vinyl chloride	<0.0017		0.0017	0.00069	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
Xylenes, Total	<0.0034		0.0034	0.00058	mg/Kg	☼	05/23/25 18:10	06/02/25 17:56	1
1,3-Dichloropropene, Total	<1.7		1.7	0.80	ug/Kg	☼	05/23/25 18:10	06/02/25 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*75 - 131*	*05/23/25 18:10*	*06/02/25 17:56*	*1*
Dibromofluoromethane	*114*		*75 - 126*	*05/23/25 18:10*	*06/02/25 17:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*128*		*70 - 134*	*05/23/25 18:10*	*06/02/25 17:56*	*1*
Toluene-d8 (Surr)	*93*		*75 - 124*	*05/23/25 18:10*	*06/02/25 17:56*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.039		0.039	0.0079	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Acenaphthylene	<0.039		0.039	0.0066	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Anthracene	<0.039		0.039	0.0079	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Benzo[a]anthracene	<0.039		0.039	0.0082	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B20 (5-12)
Date Collected: 05/22/25 14:50
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-20
Matrix: Solid
Percent Solids: 82.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.039		0.039	0.037	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Benzo[b]fluoranthene	<0.039		0.039	0.037	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Benzo[g,h,i]perylene	<0.039		0.039	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
4-Chloroaniline	<0.78		0.78	0.41	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
4-Chloro-3-methylphenol	<0.39		0.39	0.032	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Chrysene	<0.039		0.039	0.010	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Dibenzofuran	<0.19		0.19	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
1,2-Dichlorobenzene	<0.19		0.19	0.016	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
1,3-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.17	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Diethyl phthalate	<0.19		0.19	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
2,4-Dimethylphenol	<0.39		0.39	0.087	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Dimethyl phthalate	<0.19		0.19	0.0084	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.22	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
2,4-Dinitrophenol	<0.78		0.78	0.22	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
2,6-Dinitrotoluene	<0.19		0.19	0.027	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Di-n-octyl phthalate	<0.39		0.39	0.27	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Fluoranthene	<0.039		0.039	0.0090	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Fluorene	<0.039		0.039	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Hexachlorobenzene	<0.078		0.078	0.0074	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Hexachlorobutadiene	<0.19		0.19	0.022	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Hexachlorocyclopentadiene	<0.78		0.78	0.41	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.038	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Isophorone	<0.19		0.19	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
2-Methylnaphthalene	<0.078		0.078	0.0078	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Naphthalene	<0.039		0.039	0.0070	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
2-Nitroaniline	<0.19		0.19	0.021	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
2-Nitrophenol	<0.39		0.39	0.026	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1

Client Sample ID: 5-B20 (5-12)
Date Collected: 05/22/25 14:50
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-20
Matrix: Solid
Percent Solids: 82.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.78		0.78	0.42	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.022	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
N-Nitrosodiphenylamine	<0.19		0.19	0.077	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.028	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Pentachlorophenol	<0.78		0.78	0.43	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Phenanthrene	<0.039		0.039	0.0084	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Phenol	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
Pyrene	<0.039		0.039	0.011	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.028	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
2,4,5-Trichlorophenol	<0.39		0.39	0.015	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	☼	05/29/25 07:31	05/29/25 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*43 - 145*	*05/29/25 07:31*	*05/29/25 22:17*	*1*
2-Fluorophenol	*93*		*31 - 166*	*05/29/25 07:31*	*05/29/25 22:17*	*1*
Nitrobenzene-d5 (Surr)	*79*		*37 - 147*	*05/29/25 07:31*	*05/29/25 22:17*	*1*
Phenol-d5	*97*		*30 - 153*	*05/29/25 07:31*	*05/29/25 22:17*	*1*
Terphenyl-d14 (Surr)	*95*		*42 - 157*	*05/29/25 07:31*	*05/29/25 22:17*	*1*
2,4,6-Tribromophenol	*70*		*31 - 143*	*05/29/25 07:31*	*05/29/25 22:17*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.1		2.1	0.42	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1
Arsenic	**1.6**		1.1	0.37	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1
Barium	**80**		1.1	0.12	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1
Beryllium	**0.42**	**J**	0.43	0.10	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1
Boron	**3.5**	**J**	5.4	0.50	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1
Cadmium	**0.15**	**J**	0.21	0.039	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1
Chromium	**17**		1.1	0.53	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1
Cobalt	**5.6**		0.54	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1
Copper	**11**		1.1	0.30	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1
Iron	**11000**		21	11	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1
Lead	**6.8**		0.54	0.25	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1
Magnesium	**2200**		11	5.3	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1
Manganese	**77**		1.1	0.16	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1
Nickel	**14**		1.1	0.31	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1
Selenium	<1.1		1.1	0.63	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1
Silver	<0.54		0.54	0.14	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1
Thallium	<1.1		1.1	0.53	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1
Vanadium	**22**		0.54	0.13	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1
Zinc	**34**		2.1	0.94	mg/Kg	☼	05/28/25 14:50	05/29/25 12:42	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.24**		0.20	0.082	mg/L		05/29/25 14:30	06/03/25 22:48	1
Manganese	**0.79**		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 22:48	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.066**		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 00:56	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B20 (5-12)

Date Collected: 05/22/25 14:50
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-20

Matrix: Solid
Percent Solids: 82.8

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.034**		0.019	0.0078	mg/Kg	☼	06/03/25 14:55	06/04/25 09:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.28		0.28	0.14	mg/Kg	☼	05/27/25 15:17	05/28/25 09:39	1
pH (SW846 9045D)	**6.9**		0.2	0.2	SU			05/27/25 16:51	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B21 (1-5)
Date Collected: 05/22/25 15:25
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-21
Matrix: Solid
Percent Solids: 85.4

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0053**	**J**	0.011	0.0046	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Benzene	<0.0011		0.0011	0.00035	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Bromodichloromethane	<0.0011		0.0011	0.00035	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Bromoform	<0.0011		0.0011	0.00064	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Bromomethane	<0.0028	*1	0.0028	0.0014	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
2-Butanone (MEK)	<0.0028		0.0028	0.0012	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Carbon disulfide	**0.0017**	**J**	0.0028	0.00051	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Carbon tetrachloride	<0.0011		0.0011	0.00038	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Chlorobenzene	<0.0011		0.0011	0.00047	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Chloroethane	<0.0028	*1	0.0028	0.00091	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Chloroform	<0.0011		0.0011	0.00079	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Chloromethane	<0.0028		0.0028	0.00054	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
cis-1,2-Dichloroethene	**0.074**		0.0011	0.00045	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
cis-1,3-Dichloropropene	<0.0011		0.0011	0.00044	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Dibromochloromethane	<0.0011		0.0011	0.00051	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
1,1-Dichloroethane	<0.0011		0.0011	0.00042	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
1,2-Dichloroethane	<0.0028		0.0028	0.00072	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
1,1-Dichloroethene	**0.00085**	**J**	0.0011	0.00045	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
1,2-Dichloropropane	<0.0011		0.0011	0.00028	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Ethylbenzene	<0.0011		0.0011	0.00058	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
2-Hexanone	<0.0028		0.0028	0.0017	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Methylene Chloride	<0.0028		0.0028	0.0012	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
4-Methyl-2-pentanone (MIBK)	<0.0028		0.0028	0.0020	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Methyl tert-butyl ether	<0.0011		0.0011	0.00036	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Styrene	<0.0011		0.0011	0.00050	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
1,1,2,2-Tetrachloroethane	<0.0011		0.0011	0.00055	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Tetrachloroethene	<0.0011		0.0011	0.00062	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Toluene	<0.0011		0.0011	0.00022	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
trans-1,2-Dichloroethene	**0.0027**		0.0011	0.00042	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
trans-1,3-Dichloropropene	<0.0011		0.0011	0.00053	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
1,1,1-Trichloroethane	<0.0011		0.0011	0.00045	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
1,1,2-Trichloroethane	<0.0011		0.0011	0.00041	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Trichloroethene	**0.0019**		0.0011	0.00030	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Vinyl acetate	<0.0028		0.0028	0.00066	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Vinyl chloride	**0.0038**	***+ *1**	0.0011	0.00045	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
Xylenes, Total	<0.0022		0.0022	0.00038	mg/Kg	☼	05/23/25 18:10	06/03/25 14:26	1
1,3-Dichloropropene, Total	<1.1		1.1	0.53	ug/Kg	☼	05/23/25 18:10	06/03/25 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*75 - 131*	*05/23/25 18:10*	*06/03/25 14:26*	*1*
Dibromofluoromethane	*102*		*75 - 126*	*05/23/25 18:10*	*06/03/25 14:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*70 - 134*	*05/23/25 18:10*	*06/03/25 14:26*	*1*
Toluene-d8 (Surr)	*101*		*75 - 124*	*05/23/25 18:10*	*06/03/25 14:26*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.030**	**J**	0.037	0.0076	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Acenaphthylene	<0.037		0.037	0.0064	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Anthracene	**0.078**		0.037	0.0077	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Benzo[a]anthracene	**0.19**		0.037	0.0079	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B21 (1-5)
Date Collected: 05/22/25 15:25
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-21
Matrix: Solid
Percent Solids: 85.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.16**		0.037	0.036	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Benzo[b]fluoranthene	**0.28**		0.037	0.036	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Benzo[g,h,i]perylene	**0.15**		0.037	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Benzo[k]fluoranthene	**0.088**		0.037	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Bis(2-chloroethoxy)methane	<0.19	F1	0.19	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Bis(2-chloroethyl)ether	<0.19	F1	0.19	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Carbazole	**0.039**	**J**	0.19	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
4-Chloroaniline	<0.76		0.76	0.39	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Chrysene	**0.29**		0.037	0.0099	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Dibenzofuran	**0.11**	**J**	0.19	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
1,2-Dichlorobenzene	<0.19	F1	0.19	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
1,3-Dichlorobenzene	<0.19	F1	0.19	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
1,4-Dichlorobenzene	<0.19	F1	0.19	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
2,4-Dimethylphenol	<0.37		0.37	0.084	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Dimethyl phthalate	<0.19		0.19	0.0081	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Di-n-butyl phthalate	**0.024**	**J**	0.19	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.21	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
2,4-Dinitrophenol	<0.76	F2	0.76	0.22	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Fluoranthene	**0.48**		0.037	0.0087	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Fluorene	**0.048**		0.037	0.011	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Hexachlorobenzene	<0.076		0.076	0.0072	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Hexachlorocyclopentadiene	<0.76	F1	0.76	0.40	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Hexachloroethane	<0.19	F1	0.19	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Indeno[1,2,3-cd]pyrene	**0.13**		0.037	0.036	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
2-Methylnaphthalene	**0.32**		0.076	0.0075	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Naphthalene	**0.20**		0.037	0.0068	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
4-Nitroaniline	<0.37		0.37	0.028	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Nitrobenzene	<0.037	F1	0.037	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B21 (1-5)
Date Collected: 05/22/25 15:25
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-21
Matrix: Solid
Percent Solids: 85.4

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.76		0.76	0.41	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
N-Nitrosodi-n-propylamine	<0.076	F1	0.076	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
N-Nitrosodiphenylamine	<0.19		0.19	0.074	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
2,2'-oxybis[1-chloropropane]	<0.19	F1	0.19	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Pentachlorophenol	<0.76		0.76	0.42	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Phenanthrene	**0.62**		0.037	0.0081	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Phenol	<0.19		0.19	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
Pyrene	**0.38**		0.037	0.010	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*43 - 145*	*05/28/25 07:45*	*05/29/25 21:40*	*1*
2-Fluorophenol	*73*		*31 - 166*	*05/28/25 07:45*	*05/29/25 21:40*	*1*
Nitrobenzene-d5 (Surr)	*67*		*37 - 147*	*05/28/25 07:45*	*05/29/25 21:40*	*1*
Phenol-d5	*68*		*30 - 153*	*05/28/25 07:45*	*05/29/25 21:40*	*1*
Terphenyl-d14 (Surr)	*81*		*42 - 157*	*05/28/25 07:45*	*05/29/25 21:40*	*1*
2,4,6-Tribromophenol	*99*		*31 - 143*	*05/28/25 07:45*	*05/29/25 21:40*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
beta-BHC	<1.9		1.9	1.6	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
delta-BHC	<1.9		1.9	0.92	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
gamma-BHC (Lindane)	<1.9		1.9	0.96	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
Heptachlor	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
Aldrin	<1.9		1.9	1.3	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
Heptachlor epoxide	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
Endosulfan I	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
Dieldrin	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
4,4'-DDE	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
Endrin	<1.9		1.9	0.99	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
Endosulfan II	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
4,4'-DDD	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
Endosulfan sulfate	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
4,4'-DDT	<1.9		1.9	0.92	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
Methoxychlor	<9.5		9.5	1.3	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
Endrin ketone	<1.9		1.9	0.94	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
Endrin aldehyde	<9.7		9.7	5.5	ug/Kg	☼	05/28/25 14:20	06/02/25 16:44	5
alpha-Chlordane	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
gamma-Chlordane	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1
Toxaphene	<19		19	7.7	ug/Kg	☼	05/28/25 14:20	06/02/25 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*56*		*33 - 148*	*05/28/25 14:20*	*06/02/25 16:32*	*1*
DCB Decachlorobiphenyl	*58*		*33 - 148*	*05/28/25 14:20*	*06/02/25 16:44*	*5*
Tetrachloro-m-xylene	*64*		*30 - 121*	*05/28/25 14:20*	*06/02/25 16:32*	*1*
Tetrachloro-m-xylene	*67*		*30 - 121*	*05/28/25 14:20*	*06/02/25 16:44*	*5*

Client Sample ID: 5-B21 (1-5)

Date Collected: 05/22/25 15:25
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-21

Matrix: Solid
Percent Solids: 85.4

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.019		0.019	0.0075	mg/Kg	☼	05/28/25 14:20	05/30/25 11:12	1
PCB-1221	<0.019		0.019	0.0075	mg/Kg	☼	05/28/25 14:20	05/30/25 11:12	1
PCB-1232	<0.019		0.019	0.0052	mg/Kg	☼	05/28/25 14:20	05/30/25 11:12	1
PCB-1242	<0.019		0.019	0.0074	mg/Kg	☼	05/28/25 14:20	05/30/25 11:12	1
PCB-1248	<0.019		0.019	0.0091	mg/Kg	☼	05/28/25 14:20	05/30/25 11:12	1
PCB-1254	**0.075**		0.019	0.0065	mg/Kg	☼	05/28/25 14:20	05/30/25 11:12	1
PCB-1260	<0.019		0.019	0.0072	mg/Kg	☼	05/28/25 14:20	05/30/25 11:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*49 - 129*	*05/28/25 14:20*	*05/30/25 11:12*	*1*
DCB Decachlorobiphenyl	*47*		*37 - 121*	*05/28/25 14:20*	*05/30/25 11:12*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.42	mg/Kg	☼	05/28/25 08:58	05/28/25 20:36	1
Arsenic	**4.0**		1.1	0.37	mg/Kg	☼	05/28/25 08:58	05/28/25 20:36	1
Barium	**93**		1.1	0.12	mg/Kg	☼	05/28/25 08:58	05/28/25 20:36	1
Beryllium	**0.55**		0.44	0.10	mg/Kg	☼	05/28/25 08:58	05/28/25 20:36	1
Boron	**7.6**		5.4	0.51	mg/Kg	☼	05/28/25 08:58	05/28/25 20:36	1
Cadmium	**1.7**		0.22	0.039	mg/Kg	☼	05/28/25 08:58	05/28/25 20:36	1
Chromium	**26**		1.1	0.54	mg/Kg	☼	05/28/25 08:58	05/28/25 20:36	1
Cobalt	**7.1**		2.7	0.71	mg/Kg	☼	05/28/25 08:58	05/29/25 15:47	5
Copper	**26**		1.1	0.30	mg/Kg	☼	05/28/25 08:58	05/28/25 20:36	1
Iron	**19000**		22	11	mg/Kg	☼	05/28/25 08:58	05/28/25 20:36	1
Lead	**110**		0.54	0.25	mg/Kg	☼	05/28/25 08:58	05/28/25 20:36	1
Magnesium	**3900**		11	5.4	mg/Kg	☼	05/28/25 08:58	05/28/25 20:36	1
Manganese	**400**		1.1	0.16	mg/Kg	☼	05/28/25 08:58	05/28/25 20:36	1
Nickel	**24**		1.1	0.32	mg/Kg	☼	05/28/25 08:58	05/28/25 20:36	1
Selenium	<1.1		1.1	0.64	mg/Kg	☼	05/28/25 08:58	05/28/25 20:36	1
Silver	<0.54		0.54	0.14	mg/Kg	☼	05/28/25 08:58	05/28/25 20:36	1
Thallium	**2.4**		1.1	0.54	mg/Kg	☼	05/28/25 08:58	05/29/25 15:34	1
Vanadium	**34**		2.7	0.64	mg/Kg	☼	05/28/25 08:58	05/29/25 15:47	5
Zinc	**86**		2.2	0.96	mg/Kg	☼	05/28/25 08:58	05/28/25 20:36	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.89**		0.20	0.082	mg/L		05/29/25 14:30	06/03/25 22:53	1
Manganese	**9.3**		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 22:53	1
Lead	**0.068**		0.0050	0.0027	mg/L		05/29/25 14:30	06/03/25 22:53	1
Chromium	<0.010		0.010	0.0017	mg/L		05/29/25 14:30	06/03/25 22:53	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**1.3**		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 01:00	1
Lead	**0.41**		0.0050	0.0027	mg/L		05/29/25 14:34	06/04/25 01:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.030**		0.017	0.0072	mg/Kg	☼	06/03/25 14:55	06/04/25 09:23	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B21 (1-5)
Date Collected: 05/22/25 15:25
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-21
Matrix: Solid
Percent Solids: 85.4

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.14	mg/Kg	☼	05/27/25 15:17	05/28/25 09:40	1
pH (SW846 9045D)	**7.4**		0.2	0.2	SU			05/27/25 16:54	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B21 (5-12)
Date Collected: 05/22/25 15:30
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-22
Matrix: Solid
Percent Solids: 83.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.029**		0.017	0.0072	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Benzene	<0.0017		0.0017	0.00054	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Bromodichloromethane	<0.0017		0.0017	0.00055	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Bromoform	<0.0017		0.0017	0.0010	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Bromomethane	<0.0043		0.0043	0.0021	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
2-Butanone (MEK)	**0.0083**		0.0043	0.0019	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Carbon disulfide	<0.0043		0.0043	0.00079	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Carbon tetrachloride	<0.0017	*+	0.0017	0.00059	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Chlorobenzene	<0.0017		0.0017	0.00073	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Chloroethane	<0.0043		0.0043	0.0014	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Chloroform	<0.0017		0.0017	0.0012	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Chloromethane	<0.0043	*+	0.0043	0.00084	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00070	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00069	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Dibromochloromethane	<0.0017		0.0017	0.00080	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
1,1-Dichloroethane	<0.0017		0.0017	0.00065	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
1,2-Dichloroethane	<0.0043	*+	0.0043	0.0011	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
1,1-Dichloroethene	<0.0017		0.0017	0.00071	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
1,2-Dichloropropane	<0.0017		0.0017	0.00044	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Ethylbenzene	<0.0017		0.0017	0.00091	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
2-Hexanone	<0.0043		0.0043	0.0026	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Methylene Chloride	<0.0043		0.0043	0.0018	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
4-Methyl-2-pentanone (MIBK)	<0.0043		0.0043	0.0031	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00056	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Styrene	<0.0017		0.0017	0.00078	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00086	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Tetrachloroethene	<0.0017		0.0017	0.00097	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Toluene	<0.0017		0.0017	0.00035	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00065	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00083	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
1,1,1-Trichloroethane	<0.0017	*+	0.0017	0.00070	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00065	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Trichloroethene	<0.0017		0.0017	0.00047	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Vinyl acetate	<0.0043		0.0043	0.0010	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Vinyl chloride	<0.0017		0.0017	0.00070	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
Xylenes, Total	<0.0034		0.0034	0.00059	mg/Kg	☼	05/23/25 18:10	06/02/25 18:46	1
1,3-Dichloropropene, Total	<1.7		1.7	0.83	ug/Kg	☼	05/23/25 18:10	06/02/25 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*75 - 131*	*05/23/25 18:10*	*06/02/25 18:46*	*1*
Dibromofluoromethane	*118*		*75 - 126*	*05/23/25 18:10*	*06/02/25 18:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*132*		*70 - 134*	*05/23/25 18:10*	*06/02/25 18:46*	*1*
Toluene-d8 (Surr)	*96*		*75 - 124*	*05/23/25 18:10*	*06/02/25 18:46*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.039		0.039	0.0080	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Acenaphthylene	<0.039		0.039	0.0067	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Anthracene	<0.039		0.039	0.0080	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Benzo[a]anthracene	<0.039		0.039	0.0083	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1

Client Sample ID: 5-B21 (5-12)
Date Collected: 05/22/25 15:30
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-22
Matrix: Solid
Percent Solids: 83.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.039		0.039	0.038	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Benzo[b]fluoranthene	<0.039		0.039	0.037	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Benzo[g,h,i]perylene	<0.039		0.039	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Benzo[k]fluoranthene	<0.039		0.039	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.15	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Carbazole	<0.20		0.20	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
4-Chloroaniline	<0.79		0.79	0.41	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
4-Chloro-3-methylphenol	<0.39		0.39	0.033	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.051	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Chrysene	<0.039		0.039	0.010	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Dibenz(a,h)anthracene	<0.039		0.039	0.039	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.17	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
2,4-Dichlorophenol	<0.39		0.39	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Diethyl phthalate	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
2,4-Dimethylphenol	<0.39		0.39	0.088	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Dimethyl phthalate	<0.20		0.20	0.0085	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Di-n-butyl phthalate	<0.20		0.20	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
4,6-Dinitro-2-methylphenol	<0.79		0.79	0.22	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
2,4-Dinitrophenol	<0.79		0.79	0.23	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
2,4-Dinitrotoluene	<0.20		0.20	0.022	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Di-n-octyl phthalate	<0.39		0.39	0.27	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Fluoranthene	**0.018**	**J**	0.039	0.0091	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Fluorene	<0.039		0.039	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Hexachlorobenzene	<0.079		0.079	0.0075	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Hexachlorobutadiene	<0.20		0.20	0.022	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Hexachlorocyclopentadiene	<0.79		0.79	0.42	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Indeno[1,2,3-cd]pyrene	<0.039		0.039	0.038	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Isophorone	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
2-Methylnaphthalene	<0.079		0.079	0.0079	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
3 & 4 Methylphenol	<0.20		0.20	0.029	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Naphthalene	<0.039		0.039	0.0071	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
2-Nitroaniline	<0.20		0.20	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
3-Nitroaniline	<0.39		0.39	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
4-Nitroaniline	<0.39		0.39	0.029	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Nitrobenzene	<0.039		0.039	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
2-Nitrophenol	<0.39		0.39	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1

Client Sample ID: 5-B21 (5-12)

Date Collected: 05/22/25 15:30
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-22

Matrix: Solid
Percent Solids: 83.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.79		0.79	0.42	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
N-Nitrosodi-n-propylamine	<0.079		0.079	0.022	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
N-Nitrosodiphenylamine	<0.20		0.20	0.078	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.028	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Pentachlorophenol	<0.79		0.79	0.44	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Phenanthrene	**0.012**	**J**	0.039	0.0085	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Phenol	<0.20		0.20	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
Pyrene	**0.013**	**J**	0.039	0.011	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
1,2,4-Trichlorobenzene	<0.20		0.20	0.028	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
2,4,5-Trichlorophenol	<0.39		0.39	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1
2,4,6-Trichlorophenol	<0.39		0.39	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*62*		*43 - 145*	*05/28/25 07:45*	*05/29/25 15:35*	*1*
2-Fluorophenol	*71*		*31 - 166*	*05/28/25 07:45*	*05/29/25 15:35*	*1*
Nitrobenzene-d5 (Surr)	*65*		*37 - 147*	*05/28/25 07:45*	*05/29/25 15:35*	*1*
Phenol-d5	*67*		*30 - 153*	*05/28/25 07:45*	*05/29/25 15:35*	*1*
Terphenyl-d14 (Surr)	*82*		*42 - 157*	*05/28/25 07:45*	*05/29/25 15:35*	*1*
2,4,6-Tribromophenol	*97*		*31 - 143*	*05/28/25 07:45*	*05/29/25 15:35*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.1		2.1	0.40	mg/Kg	☼	05/28/25 08:58	05/28/25 20:40	1
Arsenic	**3.0**		1.0	0.35	mg/Kg	☼	05/28/25 08:58	05/28/25 20:40	1
Barium	**93**		1.0	0.12	mg/Kg	☼	05/28/25 08:58	05/28/25 20:40	1
Beryllium	**0.61**		0.41	0.096	mg/Kg	☼	05/28/25 08:58	05/28/25 20:40	1
Boron	**5.7**		5.1	0.48	mg/Kg	☼	05/28/25 08:58	05/28/25 20:40	1
Cadmium	**0.33**		0.21	0.037	mg/Kg	☼	05/28/25 08:58	05/28/25 20:40	1
Chromium	**19**		1.0	0.51	mg/Kg	☼	05/28/25 08:58	05/28/25 20:40	1
Cobalt	**7.0**		0.51	0.13	mg/Kg	☼	05/28/25 08:58	05/28/25 20:40	1
Copper	**14**		1.0	0.29	mg/Kg	☼	05/28/25 08:58	05/28/25 20:40	1
Iron	**15000**		21	11	mg/Kg	☼	05/28/25 08:58	05/28/25 20:40	1
Lead	**9.9**		0.51	0.24	mg/Kg	☼	05/28/25 08:58	05/28/25 20:40	1
Magnesium	**2900**		10	5.1	mg/Kg	☼	05/28/25 08:58	05/28/25 20:40	1
Manganese	**74**		1.0	0.15	mg/Kg	☼	05/28/25 08:58	05/28/25 20:40	1
Nickel	**17**		1.0	0.30	mg/Kg	☼	05/28/25 08:58	05/28/25 20:40	1
Selenium	<1.0		1.0	0.60	mg/Kg	☼	05/28/25 08:58	05/28/25 20:40	1
Silver	<0.51		0.51	0.13	mg/Kg	☼	05/28/25 08:58	05/28/25 20:40	1
Thallium	**0.61**	**J**	1.0	0.51	mg/Kg	☼	05/28/25 08:58	05/29/25 15:51	1
Vanadium	**33**		0.51	0.12	mg/Kg	☼	05/28/25 08:58	05/28/25 20:40	1
Zinc	**49**		2.1	0.90	mg/Kg	☼	05/28/25 08:58	05/28/25 20:40	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.96**		0.20	0.082	mg/L		05/29/25 14:30	06/03/25 22:57	1
Manganese	**1.1**		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 22:57	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.10**		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 01:05	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B21 (5-12)

Date Collected: 05/22/25 15:30
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-22

Matrix: Solid
Percent Solids: 83.8

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.039**		0.019	0.0079	mg/Kg	☼	06/03/25 14:55	06/04/25 09:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.26		0.26	0.13	mg/Kg	☼	05/27/25 15:17	05/28/25 09:40	1
pH (SW846 9045D)	**6.5**		0.2	0.2	SU			05/27/25 16:56	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B22 (1-5)
Date Collected: 05/22/25 16:10
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-23
Matrix: Solid
Percent Solids: 83.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0080	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Benzene	<0.0019		0.0019	0.00060	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Bromodichloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Bromomethane	<0.0047		0.0047	0.0023	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
2-Butanone (MEK)	<0.0047		0.0047	0.0021	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Carbon disulfide	<0.0047		0.0047	0.00087	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Carbon tetrachloride	<0.0019	*+	0.0019	0.00065	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Chlorobenzene	<0.0019		0.0019	0.00080	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Chloroethane	<0.0047		0.0047	0.0016	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Chloroform	<0.0019		0.0019	0.0014	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Chloromethane	<0.0047	*+	0.0047	0.00092	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00077	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00076	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Dibromochloromethane	<0.0019		0.0019	0.00088	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
1,1-Dichloroethane	<0.0019		0.0019	0.00072	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
1,2-Dichloroethane	<0.0047	*+	0.0047	0.0012	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
1,1-Dichloroethene	<0.0019		0.0019	0.00078	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Ethylbenzene	<0.0019		0.0019	0.0010	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
2-Hexanone	<0.0047		0.0047	0.0029	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Methylene Chloride	<0.0047		0.0047	0.0020	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
4-Methyl-2-pentanone (MIBK)	<0.0047		0.0047	0.0034	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00061	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Styrene	<0.0019		0.0019	0.00085	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00094	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Tetrachloroethene	<0.0019		0.0019	0.0011	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Toluene	<0.0019		0.0019	0.00038	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00072	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00091	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
1,1,1-Trichloroethane	<0.0019	*+	0.0019	0.00077	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00071	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Trichloroethene	<0.0019		0.0019	0.00052	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Vinyl acetate	<0.0047		0.0047	0.0011	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Vinyl chloride	<0.0019		0.0019	0.00078	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
Xylenes, Total	<0.0038		0.0038	0.00065	mg/Kg	☼	05/23/25 18:10	06/02/25 19:11	1
1,3-Dichloropropene, Total	<1.9		1.9	0.91	ug/Kg	☼	05/23/25 18:10	06/02/25 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*75 - 131*	*05/23/25 18:10*	*06/02/25 19:11*	*1*
Dibromofluoromethane	*116*		*75 - 126*	*05/23/25 18:10*	*06/02/25 19:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*127*		*70 - 134*	*05/23/25 18:10*	*06/02/25 19:11*	*1*
Toluene-d8 (Surr)	*96*		*75 - 124*	*05/23/25 18:10*	*06/02/25 19:11*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.028**	**J**	0.038	0.0078	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Acenaphthylene	<0.038		0.038	0.0065	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Anthracene	**0.050**		0.038	0.0079	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Benzo[a]anthracene	**0.062**		0.038	0.0082	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B22 (1-5)
Date Collected: 05/22/25 16:10
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-23
Matrix: Solid
Percent Solids: 83.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.038		0.038	0.037	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Benzo[b]fluoranthene	**0.080**		0.038	0.037	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Benzo[g,h,i]perylene	**0.042**		0.038	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Benzo[k]fluoranthene	**0.027**	**J**	0.038	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
4-Chloroaniline	<0.78		0.78	0.40	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
4-Chloro-3-methylphenol	<0.38		0.38	0.032	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.051	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Chrysene	**0.11**		0.038	0.010	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Dibenz(a,h)anthracene	<0.038		0.038	0.038	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Dibenzofuran	**0.10**	**J**	0.19	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
1,2-Dichlorobenzene	<0.19		0.19	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.17	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
2,4-Dichlorophenol	<0.38		0.38	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Diethyl phthalate	<0.19		0.19	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
2,4-Dimethylphenol	<0.38		0.38	0.086	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Dimethyl phthalate	<0.19		0.19	0.0084	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
4,6-Dinitro-2-methylphenol	<0.78		0.78	0.22	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
2,4-Dinitrophenol	<0.78		0.78	0.22	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
2,4-Dinitrotoluene	<0.19		0.19	0.022	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
2,6-Dinitrotoluene	<0.19		0.19	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Di-n-octyl phthalate	<0.38		0.38	0.27	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Fluoranthene	**0.19**		0.038	0.0090	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Fluorene	**0.063**		0.038	0.011	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Hexachlorobenzene	<0.078		0.078	0.0074	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Hexachlorobutadiene	<0.19		0.19	0.022	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Hexachlorocyclopentadiene	<0.78		0.78	0.41	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Indeno[1,2,3-cd]pyrene	<0.038		0.038	0.038	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Isophorone	<0.19		0.19	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
2-Methylnaphthalene	**0.35**		0.078	0.0077	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
2-Methylphenol	**0.023**	**J**	0.19	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
3 & 4 Methylphenol	**0.049**	**J**	0.19	0.028	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Naphthalene	**0.24**		0.038	0.0070	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
2-Nitroaniline	<0.19		0.19	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
3-Nitroaniline	<0.38		0.38	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
4-Nitroaniline	<0.38		0.38	0.028	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Nitrobenzene	<0.038		0.038	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
2-Nitrophenol	<0.38		0.38	0.026	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1

Client Sample ID: 5-B22 (1-5)
Date Collected: 05/22/25 16:10
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-23
Matrix: Solid
Percent Solids: 83.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.78		0.78	0.42	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
N-Nitrosodi-n-propylamine	<0.078		0.078	0.022	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
N-Nitrosodiphenylamine	<0.19		0.19	0.076	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.028	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Pentachlorophenol	<0.78		0.78	0.43	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Phenanthrene	**0.34**		0.038	0.0084	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Phenol	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
Pyrene	**0.22**		0.038	0.011	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.028	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
2,4,5-Trichlorophenol	<0.38		0.38	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1
2,4,6-Trichlorophenol	<0.38		0.38	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*43 - 145*	*05/28/25 07:45*	*05/29/25 15:59*	*1*
2-Fluorophenol	*69*		*31 - 166*	*05/28/25 07:45*	*05/29/25 15:59*	*1*
Nitrobenzene-d5 (Surr)	*60*		*37 - 147*	*05/28/25 07:45*	*05/29/25 15:59*	*1*
Phenol-d5	*67*		*30 - 153*	*05/28/25 07:45*	*05/29/25 15:59*	*1*
Terphenyl-d14 (Surr)	*91*		*42 - 157*	*05/28/25 07:45*	*05/29/25 15:59*	*1*
2,4,6-Tribromophenol	*105*		*31 - 143*	*05/28/25 07:45*	*05/29/25 15:59*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
beta-BHC	<2.0		2.0	1.6	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
delta-BHC	<2.0		2.0	0.94	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
gamma-BHC (Lindane)	<2.0		2.0	0.98	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
Heptachlor	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
Aldrin	<2.0		2.0	1.4	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
Heptachlor epoxide	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
Endosulfan I	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
Dieldrin	<2.0		2.0	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
4,4'-DDE	<2.0		2.0	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
Endrin	<2.0		2.0	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
Endosulfan II	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
4,4'-DDD	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
Endosulfan sulfate	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
4,4'-DDT	<2.0		2.0	0.93	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
Methoxychlor	<9.6		9.6	1.3	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
Endrin ketone	<2.0		2.0	0.95	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
Endrin aldehyde	<9.9		9.9	5.6	ug/Kg	☼	05/28/25 14:20	06/02/25 17:07	5
alpha-Chlordane	<2.0		2.0	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
gamma-Chlordane	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1
Toxaphene	<19		19	7.8	ug/Kg	☼	05/28/25 14:20	06/02/25 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*83*		*33 - 148*	*05/28/25 14:20*	*06/02/25 16:55*	*1*
DCB Decachlorobiphenyl	*76*		*33 - 148*	*05/28/25 14:20*	*06/02/25 17:07*	*5*
Tetrachloro-m-xylene	*62*		*30 - 121*	*05/28/25 14:20*	*06/02/25 16:55*	*1*
Tetrachloro-m-xylene	*69*		*30 - 121*	*05/28/25 14:20*	*06/02/25 17:07*	*5*

Client Sample ID: 5-B22 (1-5)

Date Collected: 05/22/25 16:10
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-23

Matrix: Solid
Percent Solids: 83.9

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.019		0.019	0.0076	mg/Kg	☼	05/28/25 14:20	05/30/25 11:27	1
PCB-1221	<0.019		0.019	0.0076	mg/Kg	☼	05/28/25 14:20	05/30/25 11:27	1
PCB-1232	<0.019		0.019	0.0053	mg/Kg	☼	05/28/25 14:20	05/30/25 11:27	1
PCB-1242	<0.019		0.019	0.0075	mg/Kg	☼	05/28/25 14:20	05/30/25 11:27	1
PCB-1248	<0.019		0.019	0.0092	mg/Kg	☼	05/28/25 14:20	05/30/25 11:27	1
PCB-1254	**0.055**		0.019	0.0066	mg/Kg	☼	05/28/25 14:20	05/30/25 11:27	1
PCB-1260	<0.019		0.019	0.0073	mg/Kg	☼	05/28/25 14:20	05/30/25 11:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*73*		*49 - 129*	*05/28/25 14:20*	*05/30/25 11:27*	*1*
DCB Decachlorobiphenyl	*53*		*37 - 121*	*05/28/25 14:20*	*05/30/25 11:27*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.3		2.3	0.45	mg/Kg	☼	05/28/25 08:58	05/29/25 15:56	1
Arsenic	**18**		5.8	2.0	mg/Kg	☼	05/28/25 08:58	05/29/25 16:00	5
Barium	**64**		1.2	0.13	mg/Kg	☼	05/28/25 08:58	05/28/25 20:53	1
Beryllium	**0.79**	**J**	2.3	0.55	mg/Kg	☼	05/28/25 08:58	05/29/25 16:00	5
Boron	**11**		5.8	0.54	mg/Kg	☼	05/28/25 08:58	05/28/25 20:53	1
Cadmium	**3.5**		1.2	0.21	mg/Kg	☼	05/28/25 08:58	05/29/25 16:00	5
Chromium	**150**		1.2	0.58	mg/Kg	☼	05/28/25 08:58	05/28/25 20:53	1
Cobalt	**11**		2.9	0.77	mg/Kg	☼	05/28/25 08:58	05/29/25 16:00	5
Copper	**270**		5.8	1.6	mg/Kg	☼	05/28/25 08:58	05/29/25 16:00	5
Iron	**83000**		120	61	mg/Kg	☼	05/28/25 08:58	05/29/25 16:00	5
Lead	**75**		2.9	1.3	mg/Kg	☼	05/28/25 08:58	05/29/25 16:00	5
Magnesium	**3700**		12	5.8	mg/Kg	☼	05/28/25 08:58	05/28/25 20:53	1
Manganese	**1000**		1.2	0.17	mg/Kg	☼	05/28/25 08:58	05/28/25 20:53	1
Nickel	**160**		5.8	1.7	mg/Kg	☼	05/28/25 08:58	05/29/25 16:00	5
Selenium	**1.3**		1.2	0.69	mg/Kg	☼	05/28/25 08:58	05/28/25 20:53	1
Silver	<2.9		2.9	0.75	mg/Kg	☼	05/28/25 08:58	05/29/25 16:00	5
Thallium	**7.1**		5.8	2.9	mg/Kg	☼	05/28/25 08:58	05/29/25 16:00	5
Vanadium	**19**		2.9	0.69	mg/Kg	☼	05/28/25 08:58	05/29/25 16:00	5
Zinc	**86**		12	5.1	mg/Kg	☼	05/28/25 08:58	05/29/25 16:00	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.20		0.20	0.082	mg/L		05/29/25 14:30	06/03/25 23:02	1
Manganese	**1.4**		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 23:02	1
Nickel	**0.022**		0.010	0.0048	mg/L		05/29/25 14:30	06/03/25 23:02	1
Arsenic	<0.010		0.010	0.0037	mg/L		05/29/25 14:30	06/03/25 23:02	1
Selenium	<0.010		0.010	0.0053	mg/L		05/29/25 14:30	06/03/25 23:02	1
Chromium	<0.010		0.010	0.0017	mg/L		05/29/25 14:30	06/03/25 23:02	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.098**		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 01:09	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.0020		0.0020	0.00057	mg/L		05/29/25 14:30	06/05/25 15:45	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B22 (1-5)
Date Collected: 05/22/25 16:10
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-23
Matrix: Solid
Percent Solids: 83.9

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0078	J	0.019	0.0078	mg/Kg	☼	06/03/25 14:55	06/04/25 09:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.26		0.26	0.13	mg/Kg	☼	05/27/25 15:17	05/28/25 09:42	1
pH (SW846 9045D)	7.1		0.2	0.2	SU			05/27/25 16:59	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B22 (5-12)
Date Collected: 05/22/25 16:05
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-24
Matrix: Solid
Percent Solids: 73.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.025**		0.018	0.0075	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Benzene	<0.0018		0.0018	0.00056	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Bromodichloromethane	<0.0018		0.0018	0.00057	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Bromoform	<0.0018		0.0018	0.0010	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Bromomethane	<0.0045		0.0045	0.0022	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
2-Butanone (MEK)	**0.0062**		0.0045	0.0020	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Carbon disulfide	<0.0045		0.0045	0.00082	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Carbon tetrachloride	<0.0018	*+	0.0018	0.00061	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Chlorobenzene	<0.0018		0.0018	0.00075	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Chloroethane	<0.0045		0.0045	0.0015	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Chloroform	<0.0018		0.0018	0.0013	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Chloromethane	<0.0045	*+	0.0045	0.00087	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
cis-1,2-Dichloroethene	<0.0018		0.0018	0.00072	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
cis-1,3-Dichloropropene	<0.0018		0.0018	0.00072	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Dibromochloromethane	<0.0018		0.0018	0.00083	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
1,1-Dichloroethane	<0.0018		0.0018	0.00067	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
1,2-Dichloroethane	<0.0045	*+	0.0045	0.0012	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
1,1-Dichloroethene	<0.0018		0.0018	0.00073	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
1,2-Dichloropropane	<0.0018		0.0018	0.00046	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Ethylbenzene	<0.0018		0.0018	0.00094	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
2-Hexanone	<0.0045		0.0045	0.0027	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Methylene Chloride	<0.0045		0.0045	0.0019	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
4-Methyl-2-pentanone (MIBK)	<0.0045		0.0045	0.0032	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Methyl tert-butyl ether	<0.0018		0.0018	0.00058	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Styrene	<0.0018		0.0018	0.00080	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
1,1,2,2-Tetrachloroethane	<0.0018		0.0018	0.00089	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Tetrachloroethene	<0.0018		0.0018	0.0010	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Toluene	<0.0018		0.0018	0.00036	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
trans-1,2-Dichloroethene	<0.0018		0.0018	0.00068	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
trans-1,3-Dichloropropene	<0.0018		0.0018	0.00086	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
1,1,1-Trichloroethane	<0.0018	*+	0.0018	0.00072	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
1,1,2-Trichloroethane	<0.0018		0.0018	0.00067	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Trichloroethene	<0.0018		0.0018	0.00049	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Vinyl acetate	<0.0045		0.0045	0.0011	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Vinyl chloride	<0.0018		0.0018	0.00073	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
Xylenes, Total	<0.0036		0.0036	0.00061	mg/Kg	☼	05/23/25 18:10	06/02/25 19:36	1
1,3-Dichloropropene, Total	<1.8		1.8	0.86	ug/Kg	☼	05/23/25 18:10	06/02/25 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*75 - 131*	*05/23/25 18:10*	*06/02/25 19:36*	*1*
Dibromofluoromethane	*114*		*75 - 126*	*05/23/25 18:10*	*06/02/25 19:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*130*		*70 - 134*	*05/23/25 18:10*	*06/02/25 19:36*	*1*
Toluene-d8 (Surr)	*94*		*75 - 124*	*05/23/25 18:10*	*06/02/25 19:36*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.045		0.045	0.0091	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Acenaphthylene	<0.045		0.045	0.0076	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Anthracene	<0.045		0.045	0.0092	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Benzo[a]anthracene	<0.045		0.045	0.0095	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B22 (5-12)
Date Collected: 05/22/25 16:05
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-24
Matrix: Solid
Percent Solids: 73.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.045		0.045	0.043	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Benzo[b]fluoranthene	<0.045		0.045	0.043	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Benzo[g,h,i]perylene	<0.045		0.045	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Benzo[k]fluoranthene	<0.045		0.045	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Bis(2-chloroethoxy)methane	<0.23		0.23	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Bis(2-chloroethyl)ether	<0.23		0.23	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Bis(2-ethylhexyl) phthalate	<0.23		0.23	0.18	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
4-Bromophenyl phenyl ether	<0.23		0.23	0.031	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Butyl benzyl phthalate	<0.23		0.23	0.022	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Carbazole	<0.23		0.23	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
4-Chloroaniline	<0.91		0.91	0.47	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
4-Chloro-3-methylphenol	<0.45		0.45	0.038	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
2-Chloronaphthalene	<0.23		0.23	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
2-Chlorophenol	<0.23		0.23	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
4-Chlorophenyl phenyl ether	<0.23		0.23	0.059	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Chrysene	<0.045		0.045	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Dibenz(a,h)anthracene	<0.045		0.045	0.045	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Dibenzofuran	<0.23		0.23	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
1,2-Dichlorobenzene	<0.23		0.23	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
1,3-Dichlorobenzene	<0.23		0.23	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
1,4-Dichlorobenzene	<0.23		0.23	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
3,3'-Dichlorobenzidine	<0.23		0.23	0.20	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
2,4-Dichlorophenol	<0.45		0.45	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Diethyl phthalate	<0.23		0.23	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
2,4-Dimethylphenol	<0.45		0.45	0.10	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Dimethyl phthalate	<0.23		0.23	0.0097	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Di-n-butyl phthalate	<0.23		0.23	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
4,6-Dinitro-2-methylphenol	<0.91		0.91	0.25	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
2,4-Dinitrophenol	<0.91		0.91	0.26	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
2,4-Dinitrotoluene	<0.23		0.23	0.026	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
2,6-Dinitrotoluene	<0.23		0.23	0.031	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Di-n-octyl phthalate	<0.45		0.45	0.31	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Fluoranthene	<0.045		0.045	0.010	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Fluorene	<0.045		0.045	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Hexachlorobenzene	<0.091		0.091	0.0086	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Hexachlorobutadiene	<0.23		0.23	0.025	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Hexachlorocyclopentadiene	<0.91		0.91	0.48	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Hexachloroethane	<0.23		0.23	0.022	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Indeno[1,2,3-cd]pyrene	<0.045		0.045	0.044	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Isophorone	<0.23		0.23	0.023	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
2-Methylnaphthalene	<0.091		0.091	0.0090	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
2-Methylphenol	<0.23		0.23	0.024	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
3 & 4 Methylphenol	<0.23		0.23	0.033	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Naphthalene	<0.045		0.045	0.0081	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
2-Nitroaniline	<0.23		0.23	0.024	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
3-Nitroaniline	<0.45		0.45	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
4-Nitroaniline	<0.45		0.45	0.033	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Nitrobenzene	<0.045		0.045	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
2-Nitrophenol	<0.45		0.45	0.030	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1

Client Sample ID: 5-B22 (5-12)
Date Collected: 05/22/25 16:05
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-24
Matrix: Solid
Percent Solids: 73.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.91		0.91	0.49	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
N-Nitrosodi-n-propylamine	<0.091		0.091	0.026	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
N-Nitrosodiphenylamine	<0.23		0.23	0.089	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
2,2'-oxybis[1-chloropropane]	<0.23		0.23	0.032	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Pentachlorophenol	<0.91		0.91	0.50	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Phenanthrene	<0.045		0.045	0.0098	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Phenol	<0.23		0.23	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
Pyrene	<0.045		0.045	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
1,2,4-Trichlorobenzene	<0.23		0.23	0.032	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
2,4,5-Trichlorophenol	<0.45		0.45	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1
2,4,6-Trichlorophenol	<0.45		0.45	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*43 - 145*	*05/28/25 07:45*	*05/29/25 16:24*	*1*
2-Fluorophenol	*77*		*31 - 166*	*05/28/25 07:45*	*05/29/25 16:24*	*1*
Nitrobenzene-d5 (Surr)	*64*		*37 - 147*	*05/28/25 07:45*	*05/29/25 16:24*	*1*
Phenol-d5	*75*		*30 - 153*	*05/28/25 07:45*	*05/29/25 16:24*	*1*
Terphenyl-d14 (Surr)	*99*		*42 - 157*	*05/28/25 07:45*	*05/29/25 16:24*	*1*
2,4,6-Tribromophenol	*110*		*31 - 143*	*05/28/25 07:45*	*05/29/25 16:24*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.7		2.7	0.53	mg/Kg	☼	05/28/25 08:58	05/28/25 20:58	1
Arsenic	**1.9**		1.4	0.46	mg/Kg	☼	05/28/25 08:58	05/28/25 20:58	1
Barium	**120**		1.4	0.15	mg/Kg	☼	05/28/25 08:58	05/28/25 20:58	1
Beryllium	**0.69**		0.54	0.13	mg/Kg	☼	05/28/25 08:58	05/28/25 20:58	1
Boron	**6.5**	**J**	6.8	0.63	mg/Kg	☼	05/28/25 08:58	05/28/25 20:58	1
Cadmium	**0.34**		0.27	0.049	mg/Kg	☼	05/28/25 08:58	05/28/25 20:58	1
Chromium	**21**		1.4	0.67	mg/Kg	☼	05/28/25 08:58	05/28/25 20:58	1
Cobalt	**5.8**		0.68	0.18	mg/Kg	☼	05/28/25 08:58	05/28/25 20:58	1
Copper	**18**		1.4	0.38	mg/Kg	☼	05/28/25 08:58	05/28/25 20:58	1
Iron	**14000**		27	14	mg/Kg	☼	05/28/25 08:58	05/28/25 20:58	1
Lead	**11**		0.68	0.31	mg/Kg	☼	05/28/25 08:58	05/28/25 20:58	1
Magnesium	**3000**		14	6.7	mg/Kg	☼	05/28/25 08:58	05/28/25 20:58	1
Manganese	**120**		1.4	0.20	mg/Kg	☼	05/28/25 08:58	05/28/25 20:58	1
Nickel	**20**		1.4	0.39	mg/Kg	☼	05/28/25 08:58	05/28/25 20:58	1
Selenium	<1.4		1.4	0.80	mg/Kg	☼	05/28/25 08:58	05/28/25 20:58	1
Silver	<0.68		0.68	0.17	mg/Kg	☼	05/28/25 08:58	05/28/25 20:58	1
Thallium	<1.4		1.4	0.68	mg/Kg	☼	05/28/25 08:58	05/29/25 16:04	1
Vanadium	**35**		0.68	0.16	mg/Kg	☼	05/28/25 08:58	05/28/25 20:58	1
Zinc	**48**		2.7	1.2	mg/Kg	☼	05/28/25 08:58	05/28/25 20:58	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.32**		0.20	0.082	mg/L		05/29/25 14:30	06/03/25 23:07	1
Manganese	**0.84**		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 23:07	1
Chromium	<0.010		0.010	0.0017	mg/L		05/29/25 14:30	06/03/25 23:07	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B22 (5-12)
Date Collected: 05/22/25 16:05
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-24
Matrix: Solid
Percent Solids: 73.7

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.087**		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 01:14	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.041**		0.020	0.0082	mg/Kg	☼	06/03/25 14:55	06/04/25 09:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.29		0.29	0.14	mg/Kg	☼	05/27/25 15:17	05/28/25 09:42	1
pH (SW846 9045D)	**6.4**		0.2	0.2	SU			05/27/25 17:01	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B23 (1-5)
Date Collected: 05/23/25 08:15
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-25
Matrix: Solid
Percent Solids: 88.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0082**	**J**	0.012	0.0050	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Benzene	<0.0012		0.0012	0.00037	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Bromodichloromethane	<0.0012		0.0012	0.00038	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Bromoform	<0.0012		0.0012	0.00069	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Bromomethane	<0.0030		0.0030	0.0015	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
2-Butanone (MEK)	<0.0030		0.0030	0.0013	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Carbon disulfide	<0.0030		0.0030	0.00055	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Carbon tetrachloride	<0.0012	*+	0.0012	0.00040	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Chlorobenzene	<0.0012		0.0012	0.00050	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Chloroethane	<0.0030		0.0030	0.00098	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Chloroform	<0.0012		0.0012	0.00085	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Chloromethane	<0.0030	*+	0.0030	0.00058	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
cis-1,2-Dichloroethene	<0.0012		0.0012	0.00048	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
cis-1,3-Dichloropropene	<0.0012		0.0012	0.00048	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Dibromochloromethane	<0.0012		0.0012	0.00055	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
1,1-Dichloroethane	<0.0012		0.0012	0.00045	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
1,2-Dichloroethane	<0.0030	*+	0.0030	0.00077	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
1,1-Dichloroethene	<0.0012		0.0012	0.00049	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
1,2-Dichloropropane	<0.0012		0.0012	0.00031	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Ethylbenzene	<0.0012		0.0012	0.00062	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
2-Hexanone	<0.0030		0.0030	0.0018	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Methylene Chloride	<0.0030		0.0030	0.0013	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
4-Methyl-2-pentanone (MIBK)	<0.0030		0.0030	0.0021	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Methyl tert-butyl ether	<0.0012		0.0012	0.00038	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Styrene	<0.0012		0.0012	0.00053	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
1,1,2,2-Tetrachloroethane	<0.0012		0.0012	0.00059	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Tetrachloroethene	<0.0012		0.0012	0.00067	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Toluene	<0.0012		0.0012	0.00024	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
trans-1,2-Dichloroethene	<0.0012		0.0012	0.00045	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
trans-1,3-Dichloropropene	<0.0012		0.0012	0.00057	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
1,1,1-Trichloroethane	<0.0012	*+	0.0012	0.00048	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
1,1,2-Trichloroethane	<0.0012		0.0012	0.00044	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Trichloroethene	<0.0012		0.0012	0.00032	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Vinyl acetate	<0.0030		0.0030	0.00071	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Vinyl chloride	**0.00079**	**J**	0.0012	0.00049	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
Xylenes, Total	<0.0024		0.0024	0.00041	mg/Kg	☼	05/23/25 18:10	06/02/25 20:00	1
1,3-Dichloropropene, Total	<1.2		1.2	0.57	ug/Kg	☼	05/23/25 18:10	06/02/25 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*75 - 131*	*05/23/25 18:10*	*06/02/25 20:00*	*1*
Dibromofluoromethane	*113*		*75 - 126*	*05/23/25 18:10*	*06/02/25 20:00*	*1*
1,2-Dichloroethane-d4 (Surr)	*131*		*70 - 134*	*05/23/25 18:10*	*06/02/25 20:00*	*1*
Toluene-d8 (Surr)	*92*		*75 - 124*	*05/23/25 18:10*	*06/02/25 20:00*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.24**		0.073	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Acenaphthylene	**0.043**	**J**	0.073	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Anthracene	**0.85**		0.073	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Benzo[a]anthracene	**2.0**		0.073	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B23 (1-5)
Date Collected: 05/23/25 08:15
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-25
Matrix: Solid
Percent Solids: 88.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**2.1**		0.073	0.071	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Benzo[b]fluoranthene	**3.0**		0.073	0.070	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Benzo[g,h,i]perylene	**1.6**		0.073	0.033	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Benzo[k]fluoranthene	**1.0**		0.073	0.028	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Bis(2-chloroethoxy)methane	<0.37		0.37	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Bis(2-chloroethyl)ether	<0.37		0.37	0.034	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Bis(2-ethylhexyl) phthalate	<0.37		0.37	0.29	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
4-Bromophenyl phenyl ether	<0.37		0.37	0.050	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Butyl benzyl phthalate	<0.37		0.37	0.037	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Carbazole	**0.22**	**J**	0.37	0.029	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
4-Chloroaniline	<1.5		1.5	0.77	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
4-Chloro-3-methylphenol	<0.73		0.73	0.062	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
2-Chloronaphthalene	<0.37		0.37	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
2-Chlorophenol	<0.37		0.37	0.024	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
4-Chlorophenyl phenyl ether	<0.37		0.37	0.096	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Chrysene	**2.4**		0.073	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Dibenz(a,h)anthracene	**0.40**		0.073	0.073	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Dibenzofuran	**0.21**	**J**	0.37	0.026	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
1,2-Dichlorobenzene	<0.37		0.37	0.030	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
1,3-Dichlorobenzene	<0.37		0.37	0.033	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
1,4-Dichlorobenzene	<0.37		0.37	0.035	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
3,3'-Dichlorobenzidine	<0.37		0.37	0.32	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
2,4-Dichlorophenol	<0.73		0.73	0.026	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Diethyl phthalate	<0.37		0.37	0.034	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
2,4-Dimethylphenol	<0.73		0.73	0.16	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Dimethyl phthalate	<0.37		0.37	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Di-n-butyl phthalate	<0.37		0.37	0.023	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
4,6-Dinitro-2-methylphenol	<1.5		1.5	0.41	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
2,4-Dinitrophenol	<1.5		1.5	0.42	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
2,4-Dinitrotoluene	<0.37		0.37	0.042	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
2,6-Dinitrotoluene	<0.37		0.37	0.052	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Di-n-octyl phthalate	<0.73		0.73	0.51	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Fluoranthene	**5.4**		0.073	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Fluorene	**0.30**		0.073	0.022	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Hexachlorobenzene	<0.15		0.15	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Hexachlorobutadiene	<0.37		0.37	0.041	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Hexachlorocyclopentadiene	<1.5		1.5	0.78	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Hexachloroethane	<0.37		0.37	0.037	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Indeno[1,2,3-cd]pyrene	**1.6**		0.073	0.071	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Isophorone	<0.37		0.37	0.038	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
2-Methylnaphthalene	**0.23**		0.15	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
2-Methylphenol	<0.37		0.37	0.039	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
3 & 4 Methylphenol	<0.37		0.37	0.054	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Naphthalene	**0.21**		0.073	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
2-Nitroaniline	<0.37		0.37	0.039	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
3-Nitroaniline	<0.73		0.73	0.033	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
4-Nitroaniline	<0.73		0.73	0.054	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Nitrobenzene	<0.073		0.073	0.023	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
2-Nitrophenol	<0.73		0.73	0.050	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B23 (1-5)
Date Collected: 05/23/25 08:15
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-25
Matrix: Solid
Percent Solids: 88.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<1.5		1.5	0.79	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
N-Nitrosodi-n-propylamine	<0.15		0.15	0.042	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
N-Nitrosodiphenylamine	<0.37		0.37	0.15	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
2,2'-oxybis[1-chloropropane]	<0.37		0.37	0.053	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Pentachlorophenol	<1.5		1.5	0.82	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Phenanthrene	**2.8**		0.073	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Phenol	<0.37		0.37	0.032	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
Pyrene	**4.1**		0.073	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
1,2,4-Trichlorobenzene	<0.37		0.37	0.052	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
2,4,5-Trichlorophenol	<0.73		0.73	0.028	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2
2,4,6-Trichlorophenol	<0.73		0.73	0.025	mg/Kg	☼	05/28/25 07:45	05/29/25 19:38	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*43 - 145*	*05/28/25 07:45*	*05/29/25 19:38*	*2*
2-Fluorophenol	*63*		*31 - 166*	*05/28/25 07:45*	*05/29/25 19:38*	*2*
Nitrobenzene-d5 (Surr)	*58*		*37 - 147*	*05/28/25 07:45*	*05/29/25 19:38*	*2*
Phenol-d5	*62*		*30 - 153*	*05/28/25 07:45*	*05/29/25 19:38*	*2*
Terphenyl-d14 (Surr)	*84*		*42 - 157*	*05/28/25 07:45*	*05/29/25 19:38*	*2*
2,4,6-Tribromophenol	*101*		*31 - 143*	*05/28/25 07:45*	*05/29/25 19:38*	*2*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
beta-BHC	<1.9		1.9	1.5	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
delta-BHC	<1.9		1.9	0.90	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
gamma-BHC (Lindane)	<1.9		1.9	0.94	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
Heptachlor	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
Aldrin	<1.9		1.9	1.3	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
Heptachlor epoxide	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
Endosulfan I	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
Dieldrin	<1.9		1.9	0.99	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
4,4'-DDE	<1.9		1.9	0.97	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
Endrin	<1.9		1.9	0.96	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
Endosulfan II	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
4,4'-DDD	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
Endosulfan sulfate	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
4,4'-DDT	<1.9		1.9	0.90	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
Methoxychlor	<9.3		9.3	1.2	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
Endrin ketone	<1.9		1.9	0.92	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
Endrin aldehyde	<9.5		9.5	5.4	ug/Kg	☼	05/28/25 14:20	06/02/25 17:30	5
alpha-Chlordane	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
gamma-Chlordane	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1
Toxaphene	<19		19	7.5	ug/Kg	☼	05/28/25 14:20	06/02/25 17:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*110*		*33 - 148*	*05/28/25 14:20*	*06/02/25 17:18*	*1*
DCB Decachlorobiphenyl	*85*		*33 - 148*	*05/28/25 14:20*	*06/02/25 17:30*	*5*
Tetrachloro-m-xylene	*93*		*30 - 121*	*05/28/25 14:20*	*06/02/25 17:18*	*1*
Tetrachloro-m-xylene	*80*		*30 - 121*	*05/28/25 14:20*	*06/02/25 17:30*	*5*

Client Sample ID: 5-B23 (1-5)

Date Collected: 05/23/25 08:15
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-25

Matrix: Solid
Percent Solids: 88.8

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.093		0.093	0.037	mg/Kg	☼	05/28/25 14:20	05/30/25 13:27	5
PCB-1221	<0.093		0.093	0.037	mg/Kg	☼	05/28/25 14:20	05/30/25 13:27	5
PCB-1232	<0.093		0.093	0.025	mg/Kg	☼	05/28/25 14:20	05/30/25 13:27	5
PCB-1242	<0.093		0.093	0.036	mg/Kg	☼	05/28/25 14:20	05/30/25 13:27	5
PCB-1248	<0.093		0.093	0.044	mg/Kg	☼	05/28/25 14:20	05/30/25 13:27	5
PCB-1254	**0.31**		0.093	0.032	mg/Kg	☼	05/28/25 14:20	05/30/25 13:27	5
PCB-1260	<0.093		0.093	0.035	mg/Kg	☼	05/28/25 14:20	05/30/25 13:27	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*100*		*49 - 129*	*05/28/25 14:20*	*05/30/25 13:27*	*5*
DCB Decachlorobiphenyl	*129*	*S1+*	*37 - 121*	*05/28/25 14:20*	*05/30/25 13:27*	*5*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.98**	**J**	1.9	0.37	mg/Kg	☼	05/28/25 08:58	05/28/25 21:02	1
Arsenic	**5.6**		0.94	0.32	mg/Kg	☼	05/28/25 08:58	05/28/25 21:02	1
Barium	**160**		0.94	0.11	mg/Kg	☼	05/28/25 08:58	05/28/25 21:02	1
Beryllium	**1.3**		0.38	0.088	mg/Kg	☼	05/28/25 08:58	05/28/25 21:02	1
Boron	**29**		4.7	0.44	mg/Kg	☼	05/28/25 08:58	05/28/25 21:02	1
Cadmium	**0.98**		0.19	0.034	mg/Kg	☼	05/28/25 08:58	05/28/25 21:02	1
Chromium	**49**		0.94	0.47	mg/Kg	☼	05/28/25 08:58	05/28/25 21:02	1
Cobalt	**9.0**		2.3	0.62	mg/Kg	☼	05/28/25 08:58	05/29/25 16:13	5
Copper	**50**		0.94	0.26	mg/Kg	☼	05/28/25 08:58	05/28/25 21:02	1
Iron	**25000**		19	9.8	mg/Kg	☼	05/28/25 08:58	05/28/25 21:02	1
Lead	**310**		0.47	0.22	mg/Kg	☼	05/28/25 08:58	05/28/25 21:02	1
Magnesium	**4100**		9.4	4.7	mg/Kg	☼	05/28/25 08:58	05/28/25 21:02	1
Manganese	**460**		0.94	0.14	mg/Kg	☼	05/28/25 08:58	05/28/25 21:02	1
Nickel	**33**		0.94	0.27	mg/Kg	☼	05/28/25 08:58	05/28/25 21:02	1
Selenium	**0.73**	**J**	0.94	0.55	mg/Kg	☼	05/28/25 08:58	05/28/25 21:02	1
Silver	**0.20**	**J**	0.47	0.12	mg/Kg	☼	05/28/25 08:58	05/28/25 21:02	1
Thallium	**2.8**		0.94	0.47	mg/Kg	☼	05/28/25 08:58	05/29/25 16:09	1
Vanadium	**34**		2.3	0.55	mg/Kg	☼	05/28/25 08:58	05/29/25 16:13	5
Zinc	**260**		1.9	0.83	mg/Kg	☼	05/28/25 08:58	05/28/25 21:02	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.20		0.20	0.082	mg/L		05/29/25 14:30	06/03/25 23:11	1
Manganese	**3.6**		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 23:11	1
Lead	**0.13**		0.0050	0.0027	mg/L		05/29/25 14:30	06/03/25 23:11	1
Chromium	<0.010		0.010	0.0017	mg/L		05/29/25 14:30	06/03/25 23:11	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.030**		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 17:58	1
Lead	**0.12**		0.0050	0.0027	mg/L		05/29/25 14:34	06/04/25 01:27	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.0020		0.0020	0.00057	mg/L		05/29/25 14:30	06/05/25 15:48	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B23 (1-5)

Date Collected: 05/23/25 08:15
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-25

Matrix: Solid
Percent Solids: 88.8

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.18		0.018	0.0075	mg/Kg	☼	06/03/25 14:55	06/04/25 09:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.24		0.24	0.12	mg/Kg	☼	05/28/25 14:35	05/28/25 17:24	1
pH (SW846 9045D)	7.9		0.2	0.2	SU			05/27/25 17:04	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B23 (5-12)
Date Collected: 05/23/25 08:20
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-26
Matrix: Solid
Percent Solids: 74.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.012**	**J**	0.015	0.0065	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Benzene	<0.0015		0.0015	0.00049	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Bromodichloromethane	<0.0015		0.0015	0.00050	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Bromoform	<0.0015		0.0015	0.00090	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Bromomethane	<0.0039		0.0039	0.0019	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
2-Butanone (MEK)	**0.0018**	**J**	0.0039	0.0017	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Carbon disulfide	<0.0039		0.0039	0.00071	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Carbon tetrachloride	<0.0015	*+	0.0015	0.00053	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Chlorobenzene	<0.0015		0.0015	0.00065	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Chloroethane	<0.0039		0.0039	0.0013	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Chloromethane	<0.0039	*+	0.0039	0.00075	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00062	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00062	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Dibromochloromethane	<0.0015		0.0015	0.00071	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
1,1-Dichloroethane	<0.0015		0.0015	0.00058	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
1,2-Dichloroethane	<0.0039	*+	0.0039	0.0010	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
1,1-Dichloroethene	<0.0015		0.0015	0.00063	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
1,2-Dichloropropane	<0.0015		0.0015	0.00040	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Ethylbenzene	<0.0015		0.0015	0.00081	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
2-Hexanone	<0.0039		0.0039	0.0023	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Methylene Chloride	<0.0039		0.0039	0.0016	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
4-Methyl-2-pentanone (MIBK)	<0.0039		0.0039	0.0027	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00050	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Styrene	<0.0015		0.0015	0.00069	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00077	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Tetrachloroethene	<0.0015		0.0015	0.00087	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Toluene	<0.0015		0.0015	0.00031	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00058	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00074	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
1,1,1-Trichloroethane	<0.0015	*+	0.0015	0.00062	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00058	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Trichloroethene	<0.0015		0.0015	0.00042	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Vinyl acetate	<0.0039		0.0039	0.00092	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Vinyl chloride	<0.0015		0.0015	0.00063	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
Xylenes, Total	<0.0031		0.0031	0.00053	mg/Kg	☼	05/23/25 18:10	06/02/25 20:25	1
1,3-Dichloropropene, Total	<1.5		1.5	0.74	ug/Kg	☼	05/23/25 18:10	06/02/25 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*75 - 131*	*05/23/25 18:10*	*06/02/25 20:25*	*1*
Dibromofluoromethane	*111*		*75 - 126*	*05/23/25 18:10*	*06/02/25 20:25*	*1*
1,2-Dichloroethane-d4 (Surr)	*129*		*70 - 134*	*05/23/25 18:10*	*06/02/25 20:25*	*1*
Toluene-d8 (Surr)	*94*		*75 - 124*	*05/23/25 18:10*	*06/02/25 20:25*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.044		0.044	0.0090	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Acenaphthylene	<0.044		0.044	0.0075	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Anthracene	<0.044		0.044	0.0090	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Benzo[a]anthracene	**0.027**	**J**	0.044	0.0094	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B23 (5-12)
Date Collected: 05/23/25 08:20
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-26
Matrix: Solid
Percent Solids: 74.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.044		0.044	0.043	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Benzo[b]fluoranthene	<0.044		0.044	0.042	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Benzo[g,h,i]perylene	**0.022**	**J**	0.044	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Benzo[k]fluoranthene	<0.044		0.044	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Bis(2-chloroethoxy)methane	<0.22		0.22	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Bis(2-chloroethyl)ether	<0.22		0.22	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Bis(2-ethylhexyl) phthalate	<0.22		0.22	0.17	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
4-Bromophenyl phenyl ether	<0.22		0.22	0.030	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Butyl benzyl phthalate	<0.22		0.22	0.022	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Carbazole	<0.22		0.22	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
4-Chloroaniline	<0.89		0.89	0.46	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
4-Chloro-3-methylphenol	<0.44		0.44	0.037	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
2-Chloronaphthalene	<0.22		0.22	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
2-Chlorophenol	<0.22		0.22	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
4-Chlorophenyl phenyl ether	<0.22		0.22	0.058	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Chrysene	**0.029**	**J**	0.044	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Dibenz(a,h)anthracene	<0.044		0.044	0.044	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Dibenzofuran	<0.22		0.22	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
1,2-Dichlorobenzene	<0.22		0.22	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
1,3-Dichlorobenzene	<0.22		0.22	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
1,4-Dichlorobenzene	<0.22		0.22	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
3,3'-Dichlorobenzidine	<0.22		0.22	0.19	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
2,4-Dichlorophenol	<0.44		0.44	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Diethyl phthalate	<0.22		0.22	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
2,4-Dimethylphenol	<0.44		0.44	0.099	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Dimethyl phthalate	<0.22		0.22	0.0096	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Di-n-butyl phthalate	<0.22		0.22	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
4,6-Dinitro-2-methylphenol	<0.89		0.89	0.25	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
2,4-Dinitrophenol	<0.89		0.89	0.26	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
2,4-Dinitrotoluene	<0.22		0.22	0.025	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
2,6-Dinitrotoluene	<0.22		0.22	0.031	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Di-n-octyl phthalate	<0.44		0.44	0.31	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Fluoranthene	**0.042**	**J**	0.044	0.010	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Fluorene	<0.044		0.044	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Hexachlorobenzene	<0.089		0.089	0.0085	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Hexachlorobutadiene	<0.22		0.22	0.025	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Hexachlorocyclopentadiene	<0.89		0.89	0.47	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Hexachloroethane	<0.22		0.22	0.022	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Indeno[1,2,3-cd]pyrene	<0.044		0.044	0.043	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Isophorone	<0.22		0.22	0.023	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
2-Methylnaphthalene	**0.046**	**J**	0.089	0.0089	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
2-Methylphenol	<0.22		0.22	0.023	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
3 & 4 Methylphenol	<0.22		0.22	0.032	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Naphthalene	**0.038**	**J**	0.044	0.0080	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
2-Nitroaniline	<0.22		0.22	0.024	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
3-Nitroaniline	<0.44		0.44	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
4-Nitroaniline	<0.44		0.44	0.033	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Nitrobenzene	<0.044		0.044	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
2-Nitrophenol	<0.44		0.44	0.030	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1

Client Sample ID: 5-B23 (5-12)
Lab Sample ID: 500-268848-26

Date Collected: 05/23/25 08:20
Matrix: Solid

Date Received: 05/23/25 13:40
Percent Solids: 74.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.89		0.89	0.48	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
N-Nitrosodi-n-propylamine	<0.089		0.089	0.025	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
N-Nitrosodiphenylamine	<0.22		0.22	0.088	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
2,2'-oxybis[1-chloropropane]	<0.22		0.22	0.032	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Pentachlorophenol	<0.89		0.89	0.50	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Phenanthrene	**0.057**		0.044	0.0096	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Phenol	<0.22		0.22	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
Pyrene	**0.040**	**J**	0.044	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
1,2,4-Trichlorobenzene	<0.22		0.22	0.032	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
2,4,5-Trichlorophenol	<0.44		0.44	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1
2,4,6-Trichlorophenol	<0.44		0.44	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*43 - 145*	*05/28/25 07:45*	*05/29/25 16:48*	*1*
2-Fluorophenol	*77*		*31 - 166*	*05/28/25 07:45*	*05/29/25 16:48*	*1*
Nitrobenzene-d5 (Surr)	*69*		*37 - 147*	*05/28/25 07:45*	*05/29/25 16:48*	*1*
Phenol-d5	*74*		*30 - 153*	*05/28/25 07:45*	*05/29/25 16:48*	*1*
Terphenyl-d14 (Surr)	*95*		*42 - 157*	*05/28/25 07:45*	*05/29/25 16:48*	*1*
2,4,6-Tribromophenol	*107*		*31 - 143*	*05/28/25 07:45*	*05/29/25 16:48*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.3		2.3	0.45	mg/Kg	☼	05/28/25 08:58	05/28/25 21:06	1
Arsenic	**2.4**		1.2	0.40	mg/Kg	☼	05/28/25 08:58	05/28/25 21:06	1
Barium	**140**		1.2	0.13	mg/Kg	☼	05/28/25 08:58	05/28/25 21:06	1
Beryllium	**0.70**		0.46	0.11	mg/Kg	☼	05/28/25 08:58	05/28/25 21:06	1
Boron	**9.1**		5.8	0.54	mg/Kg	☼	05/28/25 08:58	05/28/25 21:06	1
Cadmium	**0.36**		0.23	0.042	mg/Kg	☼	05/28/25 08:58	05/28/25 21:06	1
Chromium	**22**		1.2	0.57	mg/Kg	☼	05/28/25 08:58	05/28/25 21:06	1
Cobalt	**7.9**		0.58	0.15	mg/Kg	☼	05/28/25 08:58	05/28/25 21:06	1
Copper	**18**		1.2	0.33	mg/Kg	☼	05/28/25 08:58	05/28/25 21:06	1
Iron	**16000**		23	12	mg/Kg	☼	05/28/25 08:58	05/28/25 21:06	1
Lead	**15**		0.58	0.27	mg/Kg	☼	05/28/25 08:58	05/28/25 21:06	1
Magnesium	**3100**		12	5.8	mg/Kg	☼	05/28/25 08:58	05/28/25 21:06	1
Manganese	**260**		1.2	0.17	mg/Kg	☼	05/28/25 08:58	05/28/25 21:06	1
Nickel	**24**		1.2	0.34	mg/Kg	☼	05/28/25 08:58	05/28/25 21:06	1
Selenium	<1.2		1.2	0.68	mg/Kg	☼	05/28/25 08:58	05/28/25 21:06	1
Silver	<0.58		0.58	0.15	mg/Kg	☼	05/28/25 08:58	05/28/25 21:06	1
Thallium	**1.7**		1.2	0.58	mg/Kg	☼	05/28/25 08:58	05/29/25 16:18	1
Vanadium	**33**		0.58	0.14	mg/Kg	☼	05/28/25 08:58	05/28/25 21:06	1
Zinc	**62**		2.3	1.0	mg/Kg	☼	05/28/25 08:58	05/28/25 21:06	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.36**		0.20	0.082	mg/L		05/29/25 14:30	06/03/25 23:16	1
Manganese	**6.1**		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 23:16	1
Chromium	<0.010		0.010	0.0017	mg/L		05/29/25 14:30	06/03/25 23:16	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B23 (5-12)

Date Collected: 05/23/25 08:20
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-26

Matrix: Solid
Percent Solids: 74.5

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.93**		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 18:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.043**		0.021	0.0085	mg/Kg	☼	06/03/25 14:55	06/04/25 09:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.31		0.31	0.16	mg/Kg	☼	05/28/25 14:47	05/28/25 17:26	1
pH (SW846 9045D)	**7.0**		0.2	0.2	SU			05/27/25 17:06	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B24 (1-5)
Date Collected: 05/23/25 08:50
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-27
Matrix: Solid
Percent Solids: 84.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.020**		0.017	0.0070	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Benzene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Bromodichloromethane	<0.0017		0.0017	0.00054	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Bromoform	<0.0017		0.0017	0.00097	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Bromomethane	<0.0042		0.0042	0.0021	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
2-Butanone (MEK)	**0.0054**		0.0042	0.0018	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Carbon disulfide	<0.0042		0.0042	0.00077	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Carbon tetrachloride	<0.0017	*+	0.0017	0.00057	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Chlorobenzene	<0.0017		0.0017	0.00070	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Chloroethane	<0.0042		0.0042	0.0014	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Chloroform	<0.0017		0.0017	0.0012	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Chloromethane	<0.0042	*+	0.0042	0.00081	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00067	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00067	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Dibromochloromethane	<0.0017		0.0017	0.00077	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
1,1-Dichloroethane	<0.0017		0.0017	0.00063	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
1,2-Dichloroethane	<0.0042	*+	0.0042	0.0011	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
1,1-Dichloroethene	<0.0017		0.0017	0.00069	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Ethylbenzene	<0.0017		0.0017	0.00088	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
2-Hexanone	<0.0042		0.0042	0.0025	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Methylene Chloride	<0.0042		0.0042	0.0018	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
4-Methyl-2-pentanone (MIBK)	<0.0042		0.0042	0.0030	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00054	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Styrene	<0.0017		0.0017	0.00075	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00083	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Tetrachloroethene	<0.0017		0.0017	0.00094	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Toluene	**0.00037**	**J**	0.0017	0.00034	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00063	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00080	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
1,1,1-Trichloroethane	<0.0017	*+	0.0017	0.00068	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00063	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Trichloroethene	<0.0017		0.0017	0.00045	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Vinyl acetate	<0.0042		0.0042	0.0010	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Vinyl chloride	<0.0017		0.0017	0.00068	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
Xylenes, Total	**0.0016**	**J**	0.0033	0.00057	mg/Kg	☼	05/23/25 18:10	06/02/25 20:50	1
1,3-Dichloropropene, Total	<1.7		1.7	0.80	ug/Kg	☼	05/23/25 18:10	06/02/25 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*75 - 131*	*05/23/25 18:10*	*06/02/25 20:50*	*1*
Dibromofluoromethane	*113*		*75 - 126*	*05/23/25 18:10*	*06/02/25 20:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*132*		*70 - 134*	*05/23/25 18:10*	*06/02/25 20:50*	*1*
Toluene-d8 (Surr)	*94*		*75 - 124*	*05/23/25 18:10*	*06/02/25 20:50*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**16**		0.075	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Acenaphthylene	**0.26**		0.075	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Anthracene	**11**		0.075	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Benzo[a]anthracene	**14**		0.075	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B24 (1-5)
Date Collected: 05/23/25 08:50
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-27
Matrix: Solid
Percent Solids: 84.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**13**		0.075	0.073	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Benzo[b]fluoranthene	**17**		0.075	0.072	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Benzo[g,h,i]perylene	**8.7**		0.075	0.034	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Benzo[k]fluoranthene	**5.9**		0.075	0.029	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Bis(2-chloroethoxy)methane	<0.38		0.38	0.028	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Bis(2-chloroethyl)ether	<0.38		0.38	0.035	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Bis(2-ethylhexyl) phthalate	<0.38		0.38	0.30	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
4-Bromophenyl phenyl ether	<0.38		0.38	0.052	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Butyl benzyl phthalate	<0.38		0.38	0.038	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Carbazole	**7.7**		0.38	0.030	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
4-Chloroaniline	<1.5		1.5	0.79	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
4-Chloro-3-methylphenol	<0.75		0.75	0.063	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
2-Chloronaphthalene	<0.38		0.38	0.028	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
2-Chlorophenol	<0.38		0.38	0.024	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
4-Chlorophenyl phenyl ether	<0.38		0.38	0.099	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Chrysene	**17**		0.075	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Dibenz(a,h)anthracene	**2.3**		0.075	0.075	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Dibenzofuran	**11**		0.38	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
1,2-Dichlorobenzene	<0.38		0.38	0.031	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
1,3-Dichlorobenzene	<0.38		0.38	0.034	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
1,4-Dichlorobenzene	<0.38		0.38	0.036	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
3,3'-Dichlorobenzidine	<0.38		0.38	0.33	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
2,4-Dichlorophenol	<0.75		0.75	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Diethyl phthalate	<0.38		0.38	0.035	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
2,4-Dimethylphenol	<0.75		0.75	0.17	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Dimethyl phthalate	<0.38		0.38	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Di-n-butyl phthalate	<0.38		0.38	0.024	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
4,6-Dinitro-2-methylphenol	<1.5		1.5	0.43	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
2,4-Dinitrophenol	<1.5		1.5	0.44	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
2,4-Dinitrotoluene	<0.38		0.38	0.043	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
2,6-Dinitrotoluene	<0.38		0.38	0.053	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Di-n-octyl phthalate	<0.75		0.75	0.53	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Fluorene	**14**		0.075	0.022	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Hexachlorobenzene	<0.15		0.15	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Hexachlorobutadiene	<0.38		0.38	0.043	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Hexachlorocyclopentadiene	<1.5		1.5	0.80	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Hexachloroethane	<0.38		0.38	0.038	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Indeno[1,2,3-cd]pyrene	**8.8**		0.075	0.074	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Isophorone	<0.38		0.38	0.039	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
2-Methylnaphthalene	**6.1**		0.15	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
2-Methylphenol	<0.38		0.38	0.040	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
3 & 4 Methylphenol	<0.38		0.38	0.055	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Naphthalene	**20**		0.075	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
2-Nitroaniline	<0.38		0.38	0.041	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
3-Nitroaniline	<0.75		0.75	0.034	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
4-Nitroaniline	<0.75		0.75	0.056	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Nitrobenzene	<0.075		0.075	0.024	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
2-Nitrophenol	<0.75		0.75	0.051	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
4-Nitrophenol	<1.5		1.5	0.82	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2

Client Sample ID: 5-B24 (1-5)
Date Collected: 05/23/25 08:50
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-27
Matrix: Solid
Percent Solids: 84.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodi-n-propylamine	<0.15		0.15	0.043	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
N-Nitrosodiphenylamine	<0.38		0.38	0.15	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
2,2'-oxybis[1-chloropropane]	<0.38		0.38	0.054	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Pentachlorophenol	<1.5		1.5	0.85	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
Phenol	<0.38		0.38	0.033	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
1,2,4-Trichlorobenzene	<0.38		0.38	0.054	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
2,4,5-Trichlorophenol	<0.75		0.75	0.029	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2
2,4,6-Trichlorophenol	<0.75		0.75	0.026	mg/Kg	☼	05/28/25 07:45	05/29/25 20:03	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*84*		*43 - 145*	*05/28/25 07:45*	*05/29/25 20:03*	*2*
2-Fluorophenol	*70*		*31 - 166*	*05/28/25 07:45*	*05/29/25 20:03*	*2*
Nitrobenzene-d5 (Surr)	*65*		*37 - 147*	*05/28/25 07:45*	*05/29/25 20:03*	*2*
Phenol-d5	*69*		*30 - 153*	*05/28/25 07:45*	*05/29/25 20:03*	*2*
Terphenyl-d14 (Surr)	*94*		*42 - 157*	*05/28/25 07:45*	*05/29/25 20:03*	*2*
2,4,6-Tribromophenol	*112*		*31 - 143*	*05/28/25 07:45*	*05/29/25 20:03*	*2*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	**54**		0.75	0.18	mg/Kg	☼	05/28/25 07:45	05/30/25 23:54	20
Phenanthrene	**75**		0.75	0.16	mg/Kg	☼	05/28/25 07:45	05/30/25 23:54	20
Pyrene	**43**		0.75	0.21	mg/Kg	☼	05/28/25 07:45	05/30/25 23:54	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*0*	*S1-*	*43 - 145*	*05/28/25 07:45*	*05/30/25 23:54*	*20*
2-Fluorophenol	*0*	*S1-*	*31 - 166*	*05/28/25 07:45*	*05/30/25 23:54*	*20*
Nitrobenzene-d5 (Surr)	*0*	*S1-*	*37 - 147*	*05/28/25 07:45*	*05/30/25 23:54*	*20*
Phenol-d5	*0*	*S1-*	*30 - 153*	*05/28/25 07:45*	*05/30/25 23:54*	*20*
Terphenyl-d14 (Surr)	*0*	*S1-*	*42 - 157*	*05/28/25 07:45*	*05/30/25 23:54*	*20*
2,4,6-Tribromophenol	*0*	*S1-*	*31 - 143*	*05/28/25 07:45*	*05/30/25 23:54*	*20*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<10		10	5.6	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
beta-BHC	<10		10	8.0	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
delta-BHC	<10		10	4.7	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
gamma-BHC (Lindane)	<10		10	4.9	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
Heptachlor	<10		10	5.4	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
Aldrin	<10		10	6.9	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
Heptachlor epoxide	<10		10	5.3	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
Endosulfan I	<10		10	5.4	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
Dieldrin	<10		10	5.2	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
4,4'-DDE	**13**		10	5.1	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
Endrin	<10		10	5.1	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
Endosulfan II	<10		10	5.4	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
4,4'-DDD	**15**		10	5.3	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
Endosulfan sulfate	<10		10	5.5	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
4,4'-DDT	<10		10	4.7	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
Methoxychlor	<49		49	6.5	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
Endrin ketone	<10		10	4.8	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5

Client Sample ID: 5-B24 (1-5)

Date Collected: 05/23/25 08:50
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-27

Matrix: Solid
Percent Solids: 84.5

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	<10		10	5.7	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
alpha-Chlordane	<10		10	5.3	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
gamma-Chlordane	<10		10	5.7	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5
Toxaphene	<98		98	40	ug/Kg	☼	05/28/25 14:20	05/30/25 16:33	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*107*		*33 - 148*	*05/28/25 14:20*	*05/30/25 16:33*	*5*
Tetrachloro-m-xylene	*118*		*30 - 121*	*05/28/25 14:20*	*05/30/25 16:33*	*5*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.020		0.020	0.0077	mg/Kg	☼	05/28/25 14:20	05/30/25 11:42	1
PCB-1221	<0.020		0.020	0.0077	mg/Kg	☼	05/28/25 14:20	05/30/25 11:42	1
PCB-1232	<0.020		0.020	0.0053	mg/Kg	☼	05/28/25 14:20	05/30/25 11:42	1
PCB-1242	<0.020		0.020	0.0076	mg/Kg	☼	05/28/25 14:20	05/30/25 11:42	1
PCB-1248	<0.020		0.020	0.0093	mg/Kg	☼	05/28/25 14:20	05/30/25 11:42	1
PCB-1254	**0.088**		0.020	0.0067	mg/Kg	☼	05/28/25 14:20	05/30/25 11:42	1
PCB-1260	<0.020		0.020	0.0074	mg/Kg	☼	05/28/25 14:20	05/30/25 11:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*63*		*49 - 129*	*05/28/25 14:20*	*05/30/25 11:42*	*1*
DCB Decachlorobiphenyl	*60*		*37 - 121*	*05/28/25 14:20*	*05/30/25 11:42*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**6.7**		2.2	0.43	mg/Kg	☼	05/28/25 08:58	05/28/25 21:11	1
Arsenic	**6.8**		1.1	0.38	mg/Kg	☼	05/28/25 08:58	05/28/25 21:11	1
Barium	**150**		1.1	0.13	mg/Kg	☼	05/28/25 08:58	05/28/25 21:11	1
Beryllium	**0.75**		0.44	0.10	mg/Kg	☼	05/28/25 08:58	05/28/25 21:11	1
Boron	**19**		5.6	0.52	mg/Kg	☼	05/28/25 08:58	05/28/25 21:11	1
Cadmium	**1.0**		0.22	0.040	mg/Kg	☼	05/28/25 08:58	05/28/25 21:11	1
Chromium	**110**		1.1	0.55	mg/Kg	☼	05/28/25 08:58	05/28/25 21:11	1
Cobalt	**11**		0.56	0.15	mg/Kg	☼	05/28/25 08:58	05/28/25 21:11	1
Copper	**40**		1.1	0.31	mg/Kg	☼	05/28/25 08:58	05/28/25 21:11	1
Iron	**22000**		22	12	mg/Kg	☼	05/28/25 08:58	05/28/25 21:11	1
Lead	**780**		2.8	1.3	mg/Kg	☼	05/28/25 08:58	05/29/25 16:26	5
Magnesium	**22000**		11	5.5	mg/Kg	☼	05/28/25 08:58	05/28/25 21:11	1
Manganese	**640**		1.1	0.16	mg/Kg	☼	05/28/25 08:58	05/28/25 21:11	1
Nickel	**27**		1.1	0.32	mg/Kg	☼	05/28/25 08:58	05/28/25 21:11	1
Selenium	<1.1		1.1	0.65	mg/Kg	☼	05/28/25 08:58	05/28/25 21:11	1
Silver	<0.56		0.56	0.14	mg/Kg	☼	05/28/25 08:58	05/28/25 21:11	1
Thallium	**3.6**		1.1	0.55	mg/Kg	☼	05/28/25 08:58	05/29/25 16:22	1
Vanadium	**27**		0.56	0.13	mg/Kg	☼	05/28/25 08:58	05/28/25 21:11	1
Zinc	**180**		2.2	0.97	mg/Kg	☼	05/28/25 08:58	05/28/25 21:11	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.14**	**J**	0.20	0.082	mg/L		05/29/25 14:30	06/03/25 23:20	1
Manganese	**4.8**		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 23:20	1
Lead	**0.018**		0.0050	0.0027	mg/L		05/29/25 14:30	06/03/25 23:20	1
Chromium	<0.010		0.010	0.0017	mg/L		05/29/25 14:30	06/03/25 23:20	1

Client Sample ID: 5-B24 (1-5)
Lab Sample ID: 500-268848-27

Date Collected: 05/23/25 08:50
Matrix: Solid

Date Received: 05/23/25 13:40
Percent Solids: 84.5

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.026**		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 18:07	1
Lead	**0.018**		0.0050	0.0027	mg/L		05/29/25 14:34	06/04/25 01:36	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.0061**		0.0030	0.0013	mg/L		05/29/25 14:30	06/05/25 15:51	1
Thallium	<0.0020		0.0020	0.00057	mg/L		05/29/25 14:30	06/05/25 15:51	1

Method: SW846 6020B - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.0087**		0.0030	0.0013	mg/L		05/29/25 14:34	06/06/25 16:27	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.062**		0.018	0.0074	mg/Kg	☼	06/03/25 14:55	06/04/25 09:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.26		0.26	0.13	mg/Kg	☼	05/28/25 14:47	05/28/25 17:31	1
pH (SW846 9045D)	**7.5**		0.2	0.2	SU			05/27/25 17:09	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B24 (5-12)
Date Collected: 05/23/25 08:55
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-28
Matrix: Solid
Percent Solids: 77.1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.027**		0.019	0.0082	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Benzene	<0.0019		0.0019	0.00061	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Bromodichloromethane	<0.0019		0.0019	0.00062	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Bromomethane	<0.0049		0.0049	0.0024	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
2-Butanone (MEK)	**0.0037**	**J**	0.0049	0.0021	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Carbon disulfide	<0.0049		0.0049	0.00090	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Carbon tetrachloride	<0.0019	*+	0.0019	0.00066	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Chlorobenzene	<0.0019		0.0019	0.00082	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Chloroethane	<0.0049		0.0049	0.0016	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Chloroform	<0.0019		0.0019	0.0014	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Chloromethane	<0.0049	*+	0.0049	0.00094	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00078	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00078	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Dibromochloromethane	<0.0019		0.0019	0.00090	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
1,1-Dichloroethane	<0.0019		0.0019	0.00073	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
1,2-Dichloroethane	<0.0049	*+	0.0049	0.0013	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
1,1-Dichloroethene	<0.0019		0.0019	0.00080	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Ethylbenzene	<0.0019		0.0019	0.0010	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
2-Hexanone	<0.0049		0.0049	0.0030	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Methylene Chloride	<0.0049		0.0049	0.0021	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
4-Methyl-2-pentanone (MIBK)	<0.0049		0.0049	0.0035	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00063	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Styrene	<0.0019		0.0019	0.00088	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00097	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Tetrachloroethene	<0.0019		0.0019	0.0011	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Toluene	<0.0019		0.0019	0.00039	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00074	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00093	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
1,1,1-Trichloroethane	<0.0019	*+	0.0019	0.00079	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00073	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Trichloroethene	<0.0019		0.0019	0.00053	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Vinyl acetate	<0.0049		0.0049	0.0012	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Vinyl chloride	<0.0019		0.0019	0.00079	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
Xylenes, Total	<0.0039		0.0039	0.00067	mg/Kg	☼	05/23/25 18:10	06/02/25 21:15	1
1,3-Dichloropropene, Total	<1.9		1.9	0.93	ug/Kg	☼	05/23/25 18:10	06/02/25 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*75 - 131*	*05/23/25 18:10*	*06/02/25 21:15*	*1*
Dibromofluoromethane	*113*		*75 - 126*	*05/23/25 18:10*	*06/02/25 21:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*133*		*70 - 134*	*05/23/25 18:10*	*06/02/25 21:15*	*1*
Toluene-d8 (Surr)	*92*		*75 - 124*	*05/23/25 18:10*	*06/02/25 21:15*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.021**	**J**	0.041	0.0083	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Acenaphthylene	<0.041		0.041	0.0070	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Anthracene	**0.045**		0.041	0.0084	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Benzo[a]anthracene	**0.093**		0.041	0.0087	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B24 (5-12)
Date Collected: 05/23/25 08:55
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-28
Matrix: Solid
Percent Solids: 77.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.089**		0.041	0.040	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Benzo[b]fluoranthene	**0.13**		0.041	0.039	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Benzo[g,h,i]perylene	**0.073**		0.041	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Benzo[k]fluoranthene	**0.039**	**J**	0.041	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Bis(2-chloroethoxy)methane	<0.21		0.21	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Bis(2-chloroethyl)ether	<0.21		0.21	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Bis(2-ethylhexyl) phthalate	<0.21		0.21	0.16	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
4-Bromophenyl phenyl ether	<0.21		0.21	0.028	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Butyl benzyl phthalate	<0.21		0.21	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Carbazole	**0.024**	**J**	0.21	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
4-Chloroaniline	<0.83		0.83	0.43	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
4-Chloro-3-methylphenol	<0.41		0.41	0.034	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
2-Chloronaphthalene	<0.21		0.21	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
2-Chlorophenol	<0.21		0.21	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
4-Chlorophenyl phenyl ether	<0.21		0.21	0.054	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Chrysene	**0.11**		0.041	0.011	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Dibenz(a,h)anthracene	<0.041		0.041	0.041	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Dibenzofuran	**0.021**	**J**	0.21	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
1,2-Dichlorobenzene	<0.21		0.21	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
1,3-Dichlorobenzene	<0.21		0.21	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
1,4-Dichlorobenzene	<0.21		0.21	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
3,3'-Dichlorobenzidine	<0.21		0.21	0.18	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
2,4-Dichlorophenol	<0.41		0.41	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Diethyl phthalate	<0.21		0.21	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
2,4-Dimethylphenol	<0.41		0.41	0.092	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Dimethyl phthalate	<0.21		0.21	0.0089	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Di-n-butyl phthalate	<0.21		0.21	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
4,6-Dinitro-2-methylphenol	<0.83		0.83	0.23	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
2,4-Dinitrophenol	<0.83		0.83	0.24	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
2,4-Dinitrotoluene	<0.21		0.21	0.023	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
2,6-Dinitrotoluene	<0.21		0.21	0.029	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Di-n-octyl phthalate	<0.41		0.41	0.29	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Fluoranthene	**0.26**		0.041	0.0095	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Fluorene	**0.022**	**J**	0.041	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Hexachlorobenzene	<0.083		0.083	0.0079	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Hexachlorobutadiene	<0.21		0.21	0.023	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Hexachlorocyclopentadiene	<0.83		0.83	0.43	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Hexachloroethane	<0.21		0.21	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Indeno[1,2,3-cd]pyrene	**0.069**		0.041	0.040	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Isophorone	<0.21		0.21	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
2-Methylnaphthalene	**0.025**	**J**	0.083	0.0082	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
2-Methylphenol	<0.21		0.21	0.022	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
3 & 4 Methylphenol	<0.21		0.21	0.030	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Naphthalene	**0.053**		0.041	0.0074	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
2-Nitroaniline	<0.21		0.21	0.022	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
3-Nitroaniline	<0.41		0.41	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
4-Nitroaniline	<0.41		0.41	0.030	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Nitrobenzene	<0.041		0.041	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
2-Nitrophenol	<0.41		0.41	0.028	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1

Client Sample ID: 5-B24 (5-12)

Date Collected: 05/23/25 08:55
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-28

Matrix: Solid
Percent Solids: 77.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.83		0.83	0.44	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
N-Nitrosodi-n-propylamine	<0.083		0.083	0.023	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
N-Nitrosodiphenylamine	<0.21		0.21	0.081	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
2,2'-oxybis[1-chloropropane]	<0.21		0.21	0.029	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Pentachlorophenol	<0.83		0.83	0.46	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Phenanthrene	**0.22**		0.041	0.0089	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Phenol	<0.21		0.21	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
Pyrene	**0.20**		0.041	0.011	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
1,2,4-Trichlorobenzene	<0.21		0.21	0.029	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
2,4,5-Trichlorophenol	<0.41		0.41	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1
2,4,6-Trichlorophenol	<0.41		0.41	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*85*		*43 - 145*	*05/28/25 07:45*	*05/29/25 17:13*	*1*
2-Fluorophenol	*78*		*31 - 166*	*05/28/25 07:45*	*05/29/25 17:13*	*1*
Nitrobenzene-d5 (Surr)	*64*		*37 - 147*	*05/28/25 07:45*	*05/29/25 17:13*	*1*
Phenol-d5	*74*		*30 - 153*	*05/28/25 07:45*	*05/29/25 17:13*	*1*
Terphenyl-d14 (Surr)	*91*		*42 - 157*	*05/28/25 07:45*	*05/29/25 17:13*	*1*
2,4,6-Tribromophenol	*102*		*31 - 143*	*05/28/25 07:45*	*05/29/25 17:13*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.3		2.3	0.45	mg/Kg	☼	05/28/25 08:58	05/28/25 21:15	1
Arsenic	**2.5**		1.2	0.40	mg/Kg	☼	05/28/25 08:58	05/28/25 21:15	1
Barium	**81**		1.2	0.13	mg/Kg	☼	05/28/25 08:58	05/28/25 21:15	1
Beryllium	**0.72**		0.47	0.11	mg/Kg	☼	05/28/25 08:58	05/28/25 21:15	1
Boron	**6.7**		5.8	0.54	mg/Kg	☼	05/28/25 08:58	05/28/25 21:15	1
Cadmium	**0.20**	**J**	0.23	0.042	mg/Kg	☼	05/28/25 08:58	05/28/25 21:15	1
Chromium	**22**		1.2	0.58	mg/Kg	☼	05/28/25 08:58	05/28/25 21:15	1
Cobalt	**9.9**		0.58	0.15	mg/Kg	☼	05/28/25 08:58	05/28/25 21:15	1
Copper	**12**		1.2	0.33	mg/Kg	☼	05/28/25 08:58	05/28/25 21:15	1
Iron	**17000**		23	12	mg/Kg	☼	05/28/25 08:58	05/28/25 21:15	1
Lead	**13**		0.58	0.27	mg/Kg	☼	05/28/25 08:58	05/28/25 21:15	1
Magnesium	**4700**		12	5.8	mg/Kg	☼	05/28/25 08:58	05/28/25 21:15	1
Manganese	**160**		1.2	0.17	mg/Kg	☼	05/28/25 08:58	05/28/25 21:15	1
Nickel	**21**		1.2	0.34	mg/Kg	☼	05/28/25 08:58	05/28/25 21:15	1
Selenium	<1.2		1.2	0.69	mg/Kg	☼	05/28/25 08:58	05/28/25 21:15	1
Silver	<0.58		0.58	0.15	mg/Kg	☼	05/28/25 08:58	05/28/25 21:15	1
Thallium	**1.2**		1.2	0.58	mg/Kg	☼	05/28/25 08:58	05/29/25 17:58	1
Vanadium	**37**		0.58	0.14	mg/Kg	☼	05/28/25 08:58	05/28/25 21:15	1
Zinc	**58**		2.3	1.0	mg/Kg	☼	05/28/25 08:58	05/28/25 21:15	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.16**	**J**	0.20	0.082	mg/L		05/29/25 14:30	06/03/25 23:25	1
Manganese	**2.5**		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 23:25	1
Chromium	<0.010		0.010	0.0017	mg/L		05/29/25 14:30	06/03/25 23:25	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B24 (5-12)

Date Collected: 05/23/25 08:55
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-28

Matrix: Solid
Percent Solids: 77.1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.049**		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 18:12	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.039**		0.020	0.0083	mg/Kg	☼	06/03/25 14:55	06/04/25 09:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.29		0.29	0.14	mg/Kg	☼	05/28/25 14:47	05/28/25 17:31	1
pH (SW846 9045D)	**7.1**		0.2	0.2	SU			05/27/25 17:13	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B25 (1-5)
Date Collected: 05/23/25 09:35
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-29
Matrix: Solid
Percent Solids: 87.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0078**	**J**	0.012	0.0052	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Benzene	<0.0012		0.0012	0.00039	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Bromodichloromethane	<0.0012		0.0012	0.00039	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Bromoform	<0.0012		0.0012	0.00072	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Bromomethane	<0.0031		0.0031	0.0015	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
2-Butanone (MEK)	<0.0031		0.0031	0.0013	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Carbon disulfide	<0.0031		0.0031	0.00056	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Carbon tetrachloride	<0.0012	*+	0.0012	0.00042	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Chlorobenzene	<0.0012		0.0012	0.00052	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Chloroethane	<0.0031		0.0031	0.0010	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Chloroform	<0.0012		0.0012	0.00088	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Chloromethane	<0.0031	*+	0.0031	0.00059	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
cis-1,2-Dichloroethene	**0.0024**		0.0012	0.00049	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
cis-1,3-Dichloropropene	<0.0012		0.0012	0.00049	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Dibromochloromethane	<0.0012		0.0012	0.00057	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
1,1-Dichloroethane	<0.0012		0.0012	0.00046	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
1,2-Dichloroethane	<0.0031	*+	0.0031	0.00080	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
1,1-Dichloroethene	<0.0012		0.0012	0.00050	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
1,2-Dichloropropane	<0.0012		0.0012	0.00032	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Ethylbenzene	<0.0012		0.0012	0.00065	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
2-Hexanone	<0.0031		0.0031	0.0019	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Methylene Chloride	<0.0031		0.0031	0.0013	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
4-Methyl-2-pentanone (MIBK)	<0.0031		0.0031	0.0022	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Methyl tert-butyl ether	<0.0012		0.0012	0.00040	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Styrene	<0.0012		0.0012	0.00055	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
1,1,2,2-Tetrachloroethane	<0.0012		0.0012	0.00061	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Tetrachloroethene	<0.0012		0.0012	0.00069	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Toluene	<0.0012		0.0012	0.00025	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
trans-1,2-Dichloroethene	<0.0012		0.0012	0.00046	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
trans-1,3-Dichloropropene	<0.0012		0.0012	0.00059	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
1,1,1-Trichloroethane	<0.0012	*+	0.0012	0.00050	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
1,1,2-Trichloroethane	<0.0012		0.0012	0.00046	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Trichloroethene	**0.00085**	**J**	0.0012	0.00033	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Vinyl acetate	<0.0031		0.0031	0.00073	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Vinyl chloride	<0.0012		0.0012	0.00050	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
Xylenes, Total	<0.0025		0.0025	0.00042	mg/Kg	☼	05/23/25 18:10	06/02/25 21:40	1
1,3-Dichloropropene, Total	<1.2		1.2	0.59	ug/Kg	☼	05/23/25 18:10	06/02/25 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*75 - 131*	*05/23/25 18:10*	*06/02/25 21:40*	*1*
Dibromofluoromethane	*113*		*75 - 126*	*05/23/25 18:10*	*06/02/25 21:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*133*		*70 - 134*	*05/23/25 18:10*	*06/02/25 21:40*	*1*
Toluene-d8 (Surr)	*95*		*75 - 124*	*05/23/25 18:10*	*06/02/25 21:40*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.037		0.037	0.0075	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Anthracene	<0.037		0.037	0.0076	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Benzo[a]anthracene	**0.024**	**J**	0.037	0.0078	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B25 (1-5)
Date Collected: 05/23/25 09:35
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-29
Matrix: Solid
Percent Solids: 87.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Benzo[b]fluoranthene	<0.037		0.037	0.035	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Benzo[g,h,i]perylene	<0.037		0.037	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.14	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.025	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Butyl benzyl phthalate	<0.19		0.19	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
4-Chloroaniline	<0.75		0.75	0.39	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.048	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Chrysene	**0.024**	**J**	0.037	0.0098	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
1,4-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
2,4-Dimethylphenol	<0.37		0.37	0.083	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Dimethyl phthalate	<0.19		0.19	0.0080	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.21	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
2,4-Dinitrophenol	<0.75		0.75	0.21	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Fluoranthene	**0.043**		0.037	0.0086	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Hexachlorobenzene	<0.075		0.075	0.0071	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Hexachlorocyclopentadiene	<0.75		0.75	0.39	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Hexachloroethane	<0.19		0.19	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.036	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
2-Methylnaphthalene	<0.075		0.075	0.0074	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Naphthalene	**0.011**	**J**	0.037	0.0067	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1

Client Sample ID: 5-B25 (1-5)
Date Collected: 05/23/25 09:35
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-29
Matrix: Solid
Percent Solids: 87.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.75		0.75	0.40	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
N-Nitrosodiphenylamine	<0.19		0.19	0.073	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Pentachlorophenol	<0.75		0.75	0.41	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Phenanthrene	**0.030**	**J**	0.037	0.0080	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Phenol	<0.19		0.19	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
Pyrene	**0.041**		0.037	0.010	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.026	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*77*		*43 - 145*	*05/28/25 07:45*	*05/29/25 17:37*	*1*
2-Fluorophenol	*69*		*31 - 166*	*05/28/25 07:45*	*05/29/25 17:37*	*1*
Nitrobenzene-d5 (Surr)	*62*		*37 - 147*	*05/28/25 07:45*	*05/29/25 17:37*	*1*
Phenol-d5	*65*		*30 - 153*	*05/28/25 07:45*	*05/29/25 17:37*	*1*
Terphenyl-d14 (Surr)	*92*		*42 - 157*	*05/28/25 07:45*	*05/29/25 17:37*	*1*
2,4,6-Tribromophenol	*98*		*31 - 143*	*05/28/25 07:45*	*05/29/25 17:37*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
beta-BHC	<1.9		1.9	1.5	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
delta-BHC	<1.9		1.9	0.91	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
gamma-BHC (Lindane)	<1.9		1.9	0.95	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
Heptachlor	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
Aldrin	<1.9		1.9	1.3	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
Heptachlor epoxide	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
Endosulfan I	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
Dieldrin	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
4,4'-DDE	<1.9		1.9	0.98	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
Endrin	<1.9		1.9	0.97	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
Endosulfan II	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
4,4'-DDD	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
Endosulfan sulfate	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
4,4'-DDT	<1.9		1.9	0.91	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
Methoxychlor	<9.4		9.4	1.3	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
Endrin ketone	<1.9		1.9	0.93	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
Endrin aldehyde	<9.6		9.6	5.4	ug/Kg	☼	05/28/25 14:20	06/02/25 17:52	5
alpha-Chlordane	<1.9		1.9	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
gamma-Chlordane	<1.9		1.9	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1
Toxaphene	<19		19	7.6	ug/Kg	☼	05/28/25 14:20	06/02/25 17:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*43*		*33 - 148*	*05/28/25 14:20*	*06/02/25 17:41*	*1*
DCB Decachlorobiphenyl	*95*		*33 - 148*	*05/28/25 14:20*	*06/02/25 17:52*	*5*
Tetrachloro-m-xylene	*50*		*30 - 121*	*05/28/25 14:20*	*06/02/25 17:41*	*1*
Tetrachloro-m-xylene	*68*		*30 - 121*	*05/28/25 14:20*	*06/02/25 17:52*	*5*

Client Sample ID: 5-B25 (1-5)

Date Collected: 05/23/25 09:35
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-29

Matrix: Solid
Percent Solids: 87.2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.019		0.019	0.0074	mg/Kg	☼	05/28/25 14:20	05/30/25 11:57	1
PCB-1221	<0.019		0.019	0.0074	mg/Kg	☼	05/28/25 14:20	05/30/25 11:57	1
PCB-1232	<0.019		0.019	0.0051	mg/Kg	☼	05/28/25 14:20	05/30/25 11:57	1
PCB-1242	<0.019		0.019	0.0073	mg/Kg	☼	05/28/25 14:20	05/30/25 11:57	1
PCB-1248	**0.083**		0.019	0.0090	mg/Kg	☼	05/28/25 14:20	05/30/25 11:57	1
PCB-1254	<0.019		0.019	0.0064	mg/Kg	☼	05/28/25 14:20	05/30/25 11:57	1
PCB-1260	<0.019		0.019	0.0071	mg/Kg	☼	05/28/25 14:20	05/30/25 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*57*		*49 - 129*	*05/28/25 14:20*	*05/30/25 11:57*	*1*
DCB Decachlorobiphenyl	*39*		*37 - 121*	*05/28/25 14:20*	*05/30/25 11:57*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.43	mg/Kg	☼	05/28/25 08:58	05/28/25 21:20	1
Arsenic	**4.4**		1.1	0.38	mg/Kg	☼	05/28/25 08:58	05/28/25 21:20	1
Barium	**77**		1.1	0.13	mg/Kg	☼	05/28/25 08:58	05/28/25 21:20	1
Beryllium	**0.56**		0.44	0.10	mg/Kg	☼	05/28/25 08:58	05/28/25 21:20	1
Boron	**8.4**		5.5	0.51	mg/Kg	☼	05/28/25 08:58	05/28/25 21:20	1
Cadmium	**0.13**	**J**	0.22	0.040	mg/Kg	☼	05/28/25 08:58	05/28/25 21:20	1
Chromium	**19**		1.1	0.54	mg/Kg	☼	05/28/25 08:58	05/28/25 21:20	1
Cobalt	**7.8**		2.7	0.72	mg/Kg	☼	05/28/25 08:58	05/29/25 18:07	5
Copper	**17**		1.1	0.31	mg/Kg	☼	05/28/25 08:58	05/28/25 21:20	1
Iron	**16000**		22	11	mg/Kg	☼	05/28/25 08:58	05/28/25 21:20	1
Lead	**30**		0.55	0.25	mg/Kg	☼	05/28/25 08:58	05/28/25 21:20	1
Magnesium	**3100**		11	5.5	mg/Kg	☼	05/28/25 08:58	05/28/25 21:20	1
Manganese	**600**		1.1	0.16	mg/Kg	☼	05/28/25 08:58	05/28/25 21:20	1
Nickel	**19**		1.1	0.32	mg/Kg	☼	05/28/25 08:58	05/28/25 21:20	1
Selenium	<1.1		1.1	0.65	mg/Kg	☼	05/28/25 08:58	05/28/25 21:20	1
Silver	<0.55		0.55	0.14	mg/Kg	☼	05/28/25 08:58	05/28/25 21:20	1
Thallium	**3.5**		1.1	0.55	mg/Kg	☼	05/28/25 08:58	05/29/25 18:02	1
Vanadium	**37**		2.7	0.65	mg/Kg	☼	05/28/25 08:58	05/29/25 18:07	5
Zinc	**43**		2.2	0.97	mg/Kg	☼	05/28/25 08:58	05/28/25 21:20	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.26**		0.20	0.082	mg/L		05/29/25 14:30	06/03/25 23:39	1
Manganese	**7.5**		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 23:39	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.26**		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 18:29	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.0020		0.0020	0.00057	mg/L		05/29/25 14:30	06/05/25 15:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.021**		0.018	0.0075	mg/Kg	☼	06/03/25 14:55	06/04/25 09:42	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B25 (1-5)
Date Collected: 05/23/25 09:35
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-29
Matrix: Solid
Percent Solids: 87.2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.26		0.26	0.13	mg/Kg	☼	05/28/25 14:47	05/28/25 17:33	1
pH (SW846 9045D)	**7.1**		0.2	0.2	SU			05/27/25 17:16	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B25 (5-12)
Date Collected: 05/23/25 09:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-30
Matrix: Solid
Percent Solids: 78.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.031**		0.019	0.0080	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Benzene	<0.0019		0.0019	0.00060	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Bromodichloromethane	<0.0019		0.0019	0.00061	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Bromomethane	<0.0047	*1	0.0047	0.0023	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
2-Butanone (MEK)	**0.0087**		0.0047	0.0021	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Carbon disulfide	<0.0047		0.0047	0.00087	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Carbon tetrachloride	<0.0019		0.0019	0.00065	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Chlorobenzene	<0.0019		0.0019	0.00080	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Chloroethane	<0.0047	*1	0.0047	0.0016	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Chloroform	<0.0019		0.0019	0.0014	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Chloromethane	<0.0047		0.0047	0.00092	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00076	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00076	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Dibromochloromethane	<0.0019		0.0019	0.00088	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
1,1-Dichloroethane	<0.0019		0.0019	0.00071	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
1,2-Dichloroethane	<0.0047		0.0047	0.0012	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
1,1-Dichloroethene	<0.0019		0.0019	0.00078	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
1,2-Dichloropropane	<0.0019		0.0019	0.00049	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Ethylbenzene	<0.0019		0.0019	0.0010	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
2-Hexanone	<0.0047		0.0047	0.0029	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Methylene Chloride	<0.0047		0.0047	0.0020	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
4-Methyl-2-pentanone (MIBK)	<0.0047		0.0047	0.0034	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00061	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Styrene	<0.0019		0.0019	0.00085	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00094	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Tetrachloroethene	<0.0019		0.0019	0.0011	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Toluene	<0.0019		0.0019	0.00038	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
trans-1,2-Dichloroethene	<0.0019		0.0019	0.00072	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00091	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00077	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00071	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Trichloroethene	<0.0019		0.0019	0.00051	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Vinyl acetate	<0.0047		0.0047	0.0011	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Vinyl chloride	<0.0019	*+ *1	0.0019	0.00077	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
Xylenes, Total	<0.0038		0.0038	0.00065	mg/Kg	☼	05/23/25 18:10	06/03/25 14:53	1
1,3-Dichloropropene, Total	<1.9		1.9	0.91	ug/Kg	☼	05/23/25 18:10	06/03/25 14:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*75 - 131*	*05/23/25 18:10*	*06/03/25 14:53*	*1*
Dibromofluoromethane	*102*		*75 - 126*	*05/23/25 18:10*	*06/03/25 14:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 134*	*05/23/25 18:10*	*06/03/25 14:53*	*1*
Toluene-d8 (Surr)	*104*		*75 - 124*	*05/23/25 18:10*	*06/03/25 14:53*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.040		0.040	0.0082	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Acenaphthylene	<0.040		0.040	0.0069	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Anthracene	<0.040		0.040	0.0083	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Benzo[a]anthracene	<0.040		0.040	0.0086	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B25 (5-12)
Date Collected: 05/23/25 09:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-30
Matrix: Solid
Percent Solids: 78.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.040		0.040	0.039	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Benzo[b]fluoranthene	<0.040		0.040	0.038	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Benzo[g,h,i]perylene	<0.040		0.040	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Benzo[k]fluoranthene	<0.040		0.040	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.028	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
4-Chloroaniline	<0.82		0.82	0.42	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
4-Chloro-3-methylphenol	<0.40		0.40	0.034	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Chrysene	**0.012**	**J**	0.040	0.011	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Dibenz(a,h)anthracene	<0.040		0.040	0.040	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
1,2-Dichlorobenzene	<0.20		0.20	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.18	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
2,4-Dichlorophenol	<0.40		0.40	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Diethyl phthalate	<0.20		0.20	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
2,4-Dimethylphenol	<0.40		0.40	0.091	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Dimethyl phthalate	<0.20		0.20	0.0088	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.23	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
2,4-Dinitrophenol	<0.82		0.82	0.23	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
2,6-Dinitrotoluene	<0.20		0.20	0.028	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Di-n-octyl phthalate	<0.40		0.40	0.28	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Fluoranthene	**0.026**	**J**	0.040	0.0094	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Fluorene	<0.040		0.040	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Hexachlorobenzene	<0.082		0.082	0.0077	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Hexachlorocyclopentadiene	<0.82		0.82	0.43	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.039	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Isophorone	<0.20		0.20	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
2-Methylnaphthalene	<0.082		0.082	0.0081	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
3 & 4 Methylphenol	<0.20		0.20	0.030	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Naphthalene	<0.040		0.040	0.0073	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
2-Nitroaniline	<0.20		0.20	0.022	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
3-Nitroaniline	<0.40		0.40	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
4-Nitroaniline	<0.40		0.40	0.030	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Nitrobenzene	<0.040		0.040	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
2-Nitrophenol	<0.40		0.40	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1

Client Sample ID: 5-B25 (5-12)
Date Collected: 05/23/25 09:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-30
Matrix: Solid
Percent Solids: 78.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.82		0.82	0.44	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.023	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
N-Nitrosodiphenylamine	<0.20		0.20	0.080	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Pentachlorophenol	<0.82		0.82	0.45	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Phenanthrene	**0.013**	**J**	0.040	0.0088	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Phenol	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
Pyrene	**0.013**	**J**	0.040	0.011	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
2,4,5-Trichlorophenol	<0.40		0.40	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1
2,4,6-Trichlorophenol	<0.40		0.40	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*83*		*43 - 145*	*05/28/25 07:45*	*05/29/25 18:01*	*1*
2-Fluorophenol	*75*		*31 - 166*	*05/28/25 07:45*	*05/29/25 18:01*	*1*
Nitrobenzene-d5 (Surr)	*68*		*37 - 147*	*05/28/25 07:45*	*05/29/25 18:01*	*1*
Phenol-d5	*72*		*30 - 153*	*05/28/25 07:45*	*05/29/25 18:01*	*1*
Terphenyl-d14 (Surr)	*81*		*42 - 157*	*05/28/25 07:45*	*05/29/25 18:01*	*1*
2,4,6-Tribromophenol	*101*		*31 - 143*	*05/28/25 07:45*	*05/29/25 18:01*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.42	mg/Kg	☼	05/28/25 08:58	05/28/25 21:24	1
Arsenic	**2.2**		1.1	0.37	mg/Kg	☼	05/28/25 08:58	05/28/25 21:24	1
Barium	**130**		1.1	0.12	mg/Kg	☼	05/28/25 08:58	05/28/25 21:24	1
Beryllium	**0.61**		0.43	0.10	mg/Kg	☼	05/28/25 08:58	05/28/25 21:24	1
Boron	**9.4**		5.4	0.50	mg/Kg	☼	05/28/25 08:58	05/28/25 21:24	1
Cadmium	**0.29**		0.22	0.039	mg/Kg	☼	05/28/25 08:58	05/28/25 21:24	1
Chromium	**20**		1.1	0.54	mg/Kg	☼	05/28/25 08:58	05/28/25 21:24	1
Cobalt	**5.9**		0.54	0.14	mg/Kg	☼	05/28/25 08:58	05/28/25 21:24	1
Copper	**16**		1.1	0.30	mg/Kg	☼	05/28/25 08:58	05/28/25 21:24	1
Iron	**13000**		22	11	mg/Kg	☼	05/28/25 08:58	05/28/25 21:24	1
Lead	**11**		0.54	0.25	mg/Kg	☼	05/28/25 08:58	05/28/25 21:24	1
Magnesium	**3000**		11	5.4	mg/Kg	☼	05/28/25 08:58	05/28/25 21:24	1
Manganese	**210**		1.1	0.16	mg/Kg	☼	05/28/25 08:58	05/28/25 21:24	1
Nickel	**20**		1.1	0.32	mg/Kg	☼	05/28/25 08:58	05/28/25 21:24	1
Selenium	<1.1		1.1	0.64	mg/Kg	☼	05/28/25 08:58	05/28/25 21:24	1
Silver	<0.54		0.54	0.14	mg/Kg	☼	05/28/25 08:58	05/28/25 21:24	1
Thallium	**1.1**		1.1	0.54	mg/Kg	☼	05/28/25 08:58	05/29/25 18:11	1
Vanadium	**31**		0.54	0.13	mg/Kg	☼	05/28/25 08:58	05/28/25 21:24	1
Zinc	**50**		2.2	0.95	mg/Kg	☼	05/28/25 08:58	05/28/25 21:24	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.25**		0.20	0.082	mg/L		05/29/25 14:30	06/03/25 23:43	1
Manganese	**1.2**		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 23:43	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.088**		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 18:34	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B25 (5-12)

Date Collected: 05/23/25 09:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-30

Matrix: Solid
Percent Solids: 78.3

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.039**	**F1**	0.020	0.0083	mg/Kg	☼	06/03/25 14:55	06/04/25 09:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.14	mg/Kg	☼	05/28/25 14:47	05/28/25 17:33	1
pH (SW846 9045D)	**7.4**		0.2	0.2	SU			05/27/25 17:18	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B25 (5-12)D
Date Collected: 05/23/25 09:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-31
Matrix: Solid
Percent Solids: 80.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.038**		0.017	0.0071	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Benzene	<0.0017		0.0017	0.00053	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Bromodichloromethane	<0.0017		0.0017	0.00054	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Bromoform	<0.0017		0.0017	0.00098	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Bromomethane	<0.0042	*1	0.0042	0.0021	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
2-Butanone (MEK)	**0.0099**		0.0042	0.0018	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Carbon disulfide	**0.0027**	**J**	0.0042	0.00077	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Carbon tetrachloride	<0.0017		0.0017	0.00057	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Chlorobenzene	<0.0017		0.0017	0.00071	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Chloroethane	<0.0042	*1	0.0042	0.0014	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Chloroform	<0.0017		0.0017	0.0012	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Chloromethane	<0.0042		0.0042	0.00081	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
cis-1,2-Dichloroethene	<0.0017		0.0017	0.00068	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
cis-1,3-Dichloropropene	<0.0017		0.0017	0.00067	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Dibromochloromethane	<0.0017		0.0017	0.00078	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
1,1-Dichloroethane	<0.0017		0.0017	0.00063	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
1,2-Dichloroethane	<0.0042		0.0042	0.0011	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
1,1-Dichloroethene	<0.0017		0.0017	0.00069	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
1,2-Dichloropropane	<0.0017		0.0017	0.00043	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Ethylbenzene	<0.0017		0.0017	0.00088	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
2-Hexanone	<0.0042		0.0042	0.0026	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Methylene Chloride	<0.0042		0.0042	0.0018	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
4-Methyl-2-pentanone (MIBK)	<0.0042		0.0042	0.0030	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Methyl tert-butyl ether	<0.0017		0.0017	0.00054	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Styrene	<0.0017		0.0017	0.00076	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
1,1,2,2-Tetrachloroethane	<0.0017		0.0017	0.00083	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Tetrachloroethene	<0.0017		0.0017	0.00094	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Toluene	<0.0017		0.0017	0.00034	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
trans-1,2-Dichloroethene	<0.0017		0.0017	0.00064	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
trans-1,3-Dichloropropene	<0.0017		0.0017	0.00081	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
1,1,1-Trichloroethane	<0.0017		0.0017	0.00068	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
1,1,2-Trichloroethane	<0.0017		0.0017	0.00063	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Trichloroethene	<0.0017		0.0017	0.00046	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Vinyl acetate	<0.0042		0.0042	0.0010	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Vinyl chloride	<0.0017	*+ *1	0.0017	0.00069	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
Xylenes, Total	<0.0034		0.0034	0.00058	mg/Kg	☼	05/23/25 18:10	06/03/25 15:19	1
1,3-Dichloropropene, Total	<1.7		1.7	0.81	ug/Kg	☼	05/23/25 18:10	06/03/25 15:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*75 - 131*	*05/23/25 18:10*	*06/03/25 15:19*	*1*
Dibromofluoromethane	*103*		*75 - 126*	*05/23/25 18:10*	*06/03/25 15:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 134*	*05/23/25 18:10*	*06/03/25 15:19*	*1*
Toluene-d8 (Surr)	*102*		*75 - 124*	*05/23/25 18:10*	*06/03/25 15:19*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.041		0.041	0.0083	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Acenaphthylene	<0.041		0.041	0.0069	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Anthracene	<0.041		0.041	0.0083	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Benzo[a]anthracene	<0.041		0.041	0.0086	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B25 (5-12)D
Date Collected: 05/23/25 09:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-31
Matrix: Solid
Percent Solids: 80.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.041		0.041	0.039	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Benzo[b]fluoranthene	<0.041		0.041	0.039	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Benzo[g,h,i]perylene	<0.041		0.041	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Benzo[k]fluoranthene	<0.041		0.041	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.16	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.028	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Butyl benzyl phthalate	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Carbazole	<0.20		0.20	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
4-Chloroaniline	<0.82		0.82	0.43	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
4-Chloro-3-methylphenol	<0.41		0.41	0.034	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
2-Chloronaphthalene	<0.20		0.20	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
2-Chlorophenol	<0.20		0.20	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.053	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Chrysene	<0.041		0.041	0.011	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Dibenz(a,h)anthracene	<0.041		0.041	0.041	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Dibenzofuran	<0.20		0.20	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
1,2-Dichlorobenzene	<0.20		0.20	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
1,3-Dichlorobenzene	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
1,4-Dichlorobenzene	<0.20		0.20	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.18	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
2,4-Dichlorophenol	<0.41		0.41	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Diethyl phthalate	<0.20		0.20	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
2,4-Dimethylphenol	<0.41		0.41	0.091	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Dimethyl phthalate	<0.20		0.20	0.0089	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Di-n-butyl phthalate	<0.20		0.20	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
4,6-Dinitro-2-methylphenol	<0.82		0.82	0.23	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
2,4-Dinitrophenol	<0.82		0.82	0.24	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
2,4-Dinitrotoluene	<0.20		0.20	0.023	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
2,6-Dinitrotoluene	<0.20		0.20	0.029	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Di-n-octyl phthalate	<0.41		0.41	0.28	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Fluoranthene	<0.041		0.041	0.0095	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Fluorene	<0.041		0.041	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Hexachlorobenzene	<0.082		0.082	0.0078	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Hexachlorobutadiene	<0.20		0.20	0.023	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Hexachlorocyclopentadiene	<0.82		0.82	0.43	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Hexachloroethane	<0.20		0.20	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Indeno[1,2,3-cd]pyrene	<0.041		0.041	0.040	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Isophorone	<0.20		0.20	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
2-Methylnaphthalene	<0.082		0.082	0.0082	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
2-Methylphenol	<0.20		0.20	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
3 & 4 Methylphenol	<0.20		0.20	0.030	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Naphthalene	<0.041		0.041	0.0074	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
2-Nitroaniline	<0.20		0.20	0.022	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
3-Nitroaniline	<0.41		0.41	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
4-Nitroaniline	<0.41		0.41	0.030	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Nitrobenzene	<0.041		0.041	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
2-Nitrophenol	<0.41		0.41	0.028	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1

Client Sample ID: 5-B25 (5-12)D

Date Collected: 05/23/25 09:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-31

Matrix: Solid
Percent Solids: 80.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.82		0.82	0.44	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
N-Nitrosodi-n-propylamine	<0.082		0.082	0.023	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
N-Nitrosodiphenylamine	<0.20		0.20	0.081	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.029	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Pentachlorophenol	<0.82		0.82	0.46	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Phenanthrene	<0.041		0.041	0.0089	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Phenol	<0.20		0.20	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
Pyrene	<0.041		0.041	0.011	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
1,2,4-Trichlorobenzene	<0.20		0.20	0.029	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
2,4,5-Trichlorophenol	<0.41		0.41	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1
2,4,6-Trichlorophenol	<0.41		0.41	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*80*		*43 - 145*	*05/28/25 07:45*	*05/29/25 18:26*	*1*
2-Fluorophenol	*72*		*31 - 166*	*05/28/25 07:45*	*05/29/25 18:26*	*1*
Nitrobenzene-d5 (Surr)	*63*		*37 - 147*	*05/28/25 07:45*	*05/29/25 18:26*	*1*
Phenol-d5	*69*		*30 - 153*	*05/28/25 07:45*	*05/29/25 18:26*	*1*
Terphenyl-d14 (Surr)	*86*		*42 - 157*	*05/28/25 07:45*	*05/29/25 18:26*	*1*
2,4,6-Tribromophenol	*97*		*31 - 143*	*05/28/25 07:45*	*05/29/25 18:26*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.5		2.5	0.48	mg/Kg	☼	05/28/25 08:58	05/28/25 21:28	1
Arsenic	**1.7**		1.2	0.42	mg/Kg	☼	05/28/25 08:58	05/28/25 21:28	1
Barium	**130**		1.2	0.14	mg/Kg	☼	05/28/25 08:58	05/28/25 21:28	1
Beryllium	**0.64**		0.50	0.12	mg/Kg	☼	05/28/25 08:58	05/28/25 21:28	1
Boron	**6.8**		6.2	0.58	mg/Kg	☼	05/28/25 08:58	05/28/25 21:28	1
Cadmium	**0.30**		0.25	0.045	mg/Kg	☼	05/28/25 08:58	05/28/25 21:28	1
Chromium	**22**		1.2	0.61	mg/Kg	☼	05/28/25 08:58	05/28/25 21:28	1
Cobalt	**6.6**		0.62	0.16	mg/Kg	☼	05/28/25 08:58	05/28/25 21:28	1
Copper	**17**		1.2	0.35	mg/Kg	☼	05/28/25 08:58	05/28/25 21:28	1
Iron	**13000**		25	13	mg/Kg	☼	05/28/25 08:58	05/28/25 21:28	1
Lead	**11**		0.62	0.29	mg/Kg	☼	05/28/25 08:58	05/28/25 21:28	1
Magnesium	**3600**		12	6.1	mg/Kg	☼	05/28/25 08:58	05/28/25 21:28	1
Manganese	**120**		1.2	0.18	mg/Kg	☼	05/28/25 08:58	05/28/25 21:28	1
Nickel	**20**		1.2	0.36	mg/Kg	☼	05/28/25 08:58	05/28/25 21:28	1
Selenium	<1.2		1.2	0.73	mg/Kg	☼	05/28/25 08:58	05/28/25 21:28	1
Silver	<0.62		0.62	0.16	mg/Kg	☼	05/28/25 08:58	05/28/25 21:28	1
Thallium	**0.66**	**J**	1.2	0.62	mg/Kg	☼	05/28/25 08:58	05/29/25 18:16	1
Vanadium	**33**		0.62	0.15	mg/Kg	☼	05/28/25 08:58	05/28/25 21:28	1
Zinc	**54**		2.5	1.1	mg/Kg	☼	05/28/25 08:58	05/28/25 21:28	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.8**		0.20	0.082	mg/L		05/29/25 14:30	06/03/25 23:48	1
Manganese	**1.3**		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 23:48	1
Chromium	**0.0035**	**J**	0.010	0.0017	mg/L		05/29/25 14:30	06/03/25 23:48	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B25 (5-12)D
Date Collected: 05/23/25 09:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-31
Matrix: Solid
Percent Solids: 80.0

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.078**		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 18:38	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.043**		0.020	0.0081	mg/Kg	☼	06/03/25 14:55	06/04/25 10:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.14	mg/Kg	☼	05/28/25 14:47	05/28/25 17:34	1
pH (SW846 9045D)	**7.4**		0.2	0.2	SU			05/27/25 17:21	1

Client Sample ID: 5-B26 (1-5)

Date Collected: 05/23/25 10:30
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-32

Matrix: Solid
Percent Solids: 84.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0061	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Benzene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Bromodichloromethane	<0.0015		0.0015	0.00047	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Bromoform	<0.0015		0.0015	0.00085	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Bromomethane	<0.0036		0.0036	0.0018	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
2-Butanone (MEK)	<0.0036		0.0036	0.0016	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Carbon disulfide	<0.0036		0.0036	0.00067	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Carbon tetrachloride	<0.0015	*+	0.0015	0.00049	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Chlorobenzene	<0.0015		0.0015	0.00061	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Chloroethane	<0.0036		0.0036	0.0012	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Chloroform	<0.0015		0.0015	0.0010	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Chloromethane	<0.0036	*+	0.0036	0.00070	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00059	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00058	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Dibromochloromethane	<0.0015		0.0015	0.00067	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
1,1-Dichloroethane	<0.0015		0.0015	0.00055	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
1,2-Dichloroethane	<0.0036	*+	0.0036	0.00094	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
1,1-Dichloroethene	<0.0015		0.0015	0.00060	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
1,2-Dichloropropane	<0.0015		0.0015	0.00037	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Ethylbenzene	<0.0015		0.0015	0.00076	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
2-Hexanone	<0.0036		0.0036	0.0022	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Methylene Chloride	<0.0036		0.0036	0.0016	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
4-Methyl-2-pentanone (MIBK)	<0.0036		0.0036	0.0026	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00047	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Styrene	<0.0015		0.0015	0.00065	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00072	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Tetrachloroethene	<0.0015		0.0015	0.00081	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Toluene	<0.0015		0.0015	0.00029	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
trans-1,2-Dichloroethene	<0.0015		0.0015	0.00055	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00070	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
1,1,1-Trichloroethane	<0.0015	*+	0.0015	0.00059	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00054	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Trichloroethene	<0.0015		0.0015	0.00039	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Vinyl acetate	<0.0036		0.0036	0.00087	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Vinyl chloride	<0.0015		0.0015	0.00059	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
Xylenes, Total	<0.0029		0.0029	0.00050	mg/Kg	☼	05/23/25 18:10	06/02/25 22:55	1
1,3-Dichloropropene, Total	<1.5		1.5	0.70	ug/Kg	☼	05/23/25 18:10	06/02/25 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*75 - 131*	*05/23/25 18:10*	*06/02/25 22:55*	*1*
Dibromofluoromethane	*115*		*75 - 126*	*05/23/25 18:10*	*06/02/25 22:55*	*1*
1,2-Dichloroethane-d4 (Surr)	*132*		*70 - 134*	*05/23/25 18:10*	*06/02/25 22:55*	*1*
Toluene-d8 (Surr)	*93*		*75 - 124*	*05/23/25 18:10*	*06/02/25 22:55*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.037		0.037	0.0076	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Anthracene	<0.037		0.037	0.0076	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Benzo[a]anthracene	<0.037		0.037	0.0079	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B26 (1-5)
Date Collected: 05/23/25 10:30
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-32
Matrix: Solid
Percent Solids: 84.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Benzo[b]fluoranthene	<0.037		0.037	0.035	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Benzo[g,h,i]perylene	<0.037		0.037	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.025	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Butyl benzyl phthalate	<0.19		0.19	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
4-Chloroaniline	<0.75		0.75	0.39	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Chrysene	<0.037		0.037	0.0098	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
2,4-Dimethylphenol	<0.37		0.37	0.083	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Dimethyl phthalate	<0.19		0.19	0.0081	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.21	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
2,4-Dinitrophenol	<0.75		0.75	0.22	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Fluoranthene	<0.037		0.037	0.0086	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Fluorene	<0.037		0.037	0.011	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Hexachlorobenzene	<0.075		0.075	0.0071	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Hexachlorocyclopentadiene	<0.75		0.75	0.39	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.036	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
2-Methylnaphthalene	<0.075		0.075	0.0075	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Naphthalene	<0.037		0.037	0.0067	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1

Client Sample ID: 5-B26 (1-5)
Lab Sample ID: 500-268848-32
Date Collected: 05/23/25 10:30
Matrix: Solid
Date Received: 05/23/25 13:40
Percent Solids: 84.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.75		0.75	0.40	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
N-Nitrosodiphenylamine	<0.19		0.19	0.074	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Pentachlorophenol	<0.75		0.75	0.42	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Phenanthrene	<0.037		0.037	0.0081	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Phenol	<0.19		0.19	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
Pyrene	<0.037		0.037	0.010	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*79*		*43 - 145*	*05/28/25 07:45*	*05/29/25 18:50*	*1*
2-Fluorophenol	*71*		*31 - 166*	*05/28/25 07:45*	*05/29/25 18:50*	*1*
Nitrobenzene-d5 (Surr)	*67*		*37 - 147*	*05/28/25 07:45*	*05/29/25 18:50*	*1*
Phenol-d5	*66*		*30 - 153*	*05/28/25 07:45*	*05/29/25 18:50*	*1*
Terphenyl-d14 (Surr)	*88*		*42 - 157*	*05/28/25 07:45*	*05/29/25 18:50*	*1*
2,4,6-Tribromophenol	*91*		*31 - 143*	*05/28/25 07:45*	*05/29/25 18:50*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
beta-BHC	<2.0		2.0	1.6	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
delta-BHC	<2.0		2.0	0.93	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
gamma-BHC (Lindane)	<2.0		2.0	0.97	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
Heptachlor	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
Aldrin	<2.0		2.0	1.4	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
Heptachlor epoxide	<2.0		2.0	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
Endosulfan I	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
Dieldrin	<2.0		2.0	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
4,4'-DDE	<2.0		2.0	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
Endrin	<2.0		2.0	0.99	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
Endosulfan II	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
4,4'-DDD	<2.0		2.0	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
Endosulfan sulfate	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
4,4'-DDT	<2.0		2.0	0.93	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
Methoxychlor	<9.6		9.6	1.3	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
Endrin ketone	<2.0		2.0	0.95	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
Endrin aldehyde	<9.8		9.8	5.6	ug/Kg	☼	05/28/25 14:20	06/02/25 18:15	5
alpha-Chlordane	<2.0		2.0	1.0	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
gamma-Chlordane	<2.0		2.0	1.1	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1
Toxaphene	<19		19	7.8	ug/Kg	☼	05/28/25 14:20	06/02/25 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*49*		*33 - 148*	*05/28/25 14:20*	*06/02/25 18:04*	*1*
DCB Decachlorobiphenyl	*49*		*33 - 148*	*05/28/25 14:20*	*06/02/25 18:15*	*5*
Tetrachloro-m-xylene	*54*		*30 - 121*	*05/28/25 14:20*	*06/02/25 18:04*	*1*
Tetrachloro-m-xylene	*59*		*30 - 121*	*05/28/25 14:20*	*06/02/25 18:15*	*5*

Client Sample ID: 5-B26 (1-5)
Date Collected: 05/23/25 10:30
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-32
Matrix: Solid
Percent Solids: 84.7

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.019		0.019	0.0076	mg/Kg	☼	05/28/25 14:20	05/29/25 21:08	1
PCB-1221	<0.019		0.019	0.0076	mg/Kg	☼	05/28/25 14:20	05/29/25 21:08	1
PCB-1232	<0.019		0.019	0.0052	mg/Kg	☼	05/28/25 14:20	05/29/25 21:08	1
PCB-1242	<0.019		0.019	0.0075	mg/Kg	☼	05/28/25 14:20	05/29/25 21:08	1
PCB-1248	<0.019		0.019	0.0092	mg/Kg	☼	05/28/25 14:20	05/29/25 21:08	1
PCB-1254	<0.019		0.019	0.0065	mg/Kg	☼	05/28/25 14:20	05/29/25 21:08	1
PCB-1260	<0.019		0.019	0.0073	mg/Kg	☼	05/28/25 14:20	05/29/25 21:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*48*	*S1-*	*49 - 129*	*05/28/25 14:20*	*05/29/25 21:08*	*1*
DCB Decachlorobiphenyl	*69*		*37 - 121*	*05/28/25 14:20*	*05/29/25 21:08*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.1		2.1	0.40	mg/Kg	☼	05/28/25 08:58	05/28/25 21:33	1
Arsenic	**5.6**		1.0	0.35	mg/Kg	☼	05/28/25 08:58	05/28/25 21:33	1
Barium	**130**		1.0	0.12	mg/Kg	☼	05/28/25 08:58	05/28/25 21:33	1
Beryllium	**0.75**		0.41	0.097	mg/Kg	☼	05/28/25 08:58	05/28/25 21:33	1
Boron	**8.3**		5.2	0.48	mg/Kg	☼	05/28/25 08:58	05/28/25 21:33	1
Cadmium	**0.093**	**J**	0.21	0.037	mg/Kg	☼	05/28/25 08:58	05/28/25 21:33	1
Chromium	**31**		1.0	0.51	mg/Kg	☼	05/28/25 08:58	05/28/25 21:33	1
Cobalt	**13**		2.6	0.68	mg/Kg	☼	05/28/25 08:58	05/29/25 18:25	5
Copper	**25**		1.0	0.29	mg/Kg	☼	05/28/25 08:58	05/28/25 21:33	1
Iron	**23000**		21	11	mg/Kg	☼	05/28/25 08:58	05/28/25 21:33	1
Lead	**10**		0.52	0.24	mg/Kg	☼	05/28/25 08:58	05/28/25 21:33	1
Magnesium	**5100**		10	5.1	mg/Kg	☼	05/28/25 08:58	05/28/25 21:33	1
Manganese	**800**		1.0	0.15	mg/Kg	☼	05/28/25 08:58	05/28/25 21:33	1
Nickel	**31**		1.0	0.30	mg/Kg	☼	05/28/25 08:58	05/28/25 21:33	1
Selenium	<1.0		1.0	0.61	mg/Kg	☼	05/28/25 08:58	05/28/25 21:33	1
Silver	<0.52		0.52	0.13	mg/Kg	☼	05/28/25 08:58	05/28/25 21:33	1
Thallium	**4.7**		1.0	0.52	mg/Kg	☼	05/28/25 08:58	05/29/25 18:20	1
Vanadium	**56**		2.6	0.61	mg/Kg	☼	05/28/25 08:58	05/29/25 18:25	5
Zinc	**58**		2.1	0.91	mg/Kg	☼	05/28/25 08:58	05/28/25 21:33	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.57**		0.20	0.082	mg/L		05/29/25 14:30	06/03/25 23:53	1
Manganese	**0.14**		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 23:53	1
Chromium	<0.010		0.010	0.0017	mg/L		05/29/25 14:30	06/03/25 23:53	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.0020		0.0020	0.00057	mg/L		05/29/25 14:30	06/05/25 15:56	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.025**		0.019	0.0077	mg/Kg	☼	06/03/25 14:55	06/04/25 10:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.13	mg/Kg	☼	05/28/25 14:47	05/28/25 17:35	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B26 (1-5)
Date Collected: 05/23/25 10:30
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-32
Matrix: Solid
Percent Solids: 84.7

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SW846 9045D)	7.5		0.2	0.2	SU			05/27/25 17:23	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B26 (5-12)
Date Collected: 05/23/25 10:35
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-33
Matrix: Solid
Percent Solids: 84.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.0088**	**J**	0.013	0.0053	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Benzene	<0.0013		0.0013	0.00040	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Bromodichloromethane	<0.0013		0.0013	0.00041	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Bromoform	<0.0013		0.0013	0.00074	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Bromomethane	<0.0032		0.0032	0.0016	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
2-Butanone (MEK)	<0.0032		0.0032	0.0014	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Carbon disulfide	<0.0032		0.0032	0.00058	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Carbon tetrachloride	<0.0013	*+	0.0013	0.00043	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Chlorobenzene	<0.0013		0.0013	0.00053	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Chloroethane	<0.0032		0.0032	0.0010	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Chloroform	<0.0013		0.0013	0.00091	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Chloromethane	<0.0032	*+	0.0032	0.00061	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
cis-1,2-Dichloroethene	<0.0013		0.0013	0.00051	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
cis-1,3-Dichloropropene	<0.0013		0.0013	0.00051	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Dibromochloromethane	<0.0013		0.0013	0.00059	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
1,1-Dichloroethane	<0.0013		0.0013	0.00048	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
1,2-Dichloroethane	<0.0032	*+	0.0032	0.00082	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
1,1-Dichloroethene	<0.0013		0.0013	0.00052	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
1,2-Dichloropropane	<0.0013		0.0013	0.00033	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Ethylbenzene	<0.0013		0.0013	0.00066	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
2-Hexanone	<0.0032		0.0032	0.0019	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Methylene Chloride	<0.0032		0.0032	0.0013	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
4-Methyl-2-pentanone (MIBK)	<0.0032		0.0032	0.0022	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Methyl tert-butyl ether	<0.0013		0.0013	0.00041	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Styrene	<0.0013		0.0013	0.00057	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
1,1,2,2-Tetrachloroethane	<0.0013		0.0013	0.00063	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Tetrachloroethene	<0.0013		0.0013	0.00071	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Toluene	<0.0013		0.0013	0.00025	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
trans-1,2-Dichloroethene	<0.0013		0.0013	0.00048	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
trans-1,3-Dichloropropene	<0.0013		0.0013	0.00061	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
1,1,1-Trichloroethane	<0.0013	*+	0.0013	0.00051	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
1,1,2-Trichloroethane	<0.0013		0.0013	0.00047	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Trichloroethene	<0.0013		0.0013	0.00034	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Vinyl acetate	<0.0032		0.0032	0.00075	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Vinyl chloride	<0.0013		0.0013	0.00052	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
Xylenes, Total	<0.0025		0.0025	0.00043	mg/Kg	☼	05/23/25 18:10	06/02/25 23:20	1
1,3-Dichloropropene, Total	<1.3		1.3	0.61	ug/Kg	☼	05/23/25 18:10	06/02/25 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*75 - 131*	*05/23/25 18:10*	*06/02/25 23:20*	*1*
Dibromofluoromethane	*112*		*75 - 126*	*05/23/25 18:10*	*06/02/25 23:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*134*		*70 - 134*	*05/23/25 18:10*	*06/02/25 23:20*	*1*
Toluene-d8 (Surr)	*96*		*75 - 124*	*05/23/25 18:10*	*06/02/25 23:20*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.037		0.037	0.0075	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Anthracene	**0.020**	**J**	0.037	0.0075	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Benzo[a]anthracene	**0.030**	**J**	0.037	0.0078	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B26 (5-12)
Date Collected: 05/23/25 10:35
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-33
Matrix: Solid
Percent Solids: 84.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Benzo[b]fluoranthene	**0.037**		0.037	0.035	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Benzo[g,h,i]perylene	**0.026**	**J**	0.037	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.14	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.025	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Butyl benzyl phthalate	<0.19		0.19	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
4-Chloroaniline	<0.75		0.75	0.39	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.048	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Chrysene	**0.036**	**J**	0.037	0.0097	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Dibenzofuran	**0.031**	**J**	0.19	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
1,4-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
2,4-Dimethylphenol	<0.37		0.37	0.083	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Dimethyl phthalate	<0.19		0.19	0.0080	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.21	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
2,4-Dinitrophenol	<0.75		0.75	0.21	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Fluoranthene	**0.051**		0.037	0.0086	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Fluorene	**0.015**	**J**	0.037	0.011	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Hexachlorobenzene	<0.075		0.075	0.0071	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Hexachlorocyclopentadiene	<0.75		0.75	0.39	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Hexachloroethane	<0.19		0.19	0.018	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.036	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
2-Methylnaphthalene	**0.12**		0.075	0.0074	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
2-Methylphenol	<0.19		0.19	0.019	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Naphthalene	**0.094**		0.037	0.0067	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1

Client Sample ID: 5-B26 (5-12)

Date Collected: 05/23/25 10:35
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-33

Matrix: Solid
Percent Solids: 84.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.75		0.75	0.40	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.021	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
N-Nitrosodiphenylamine	<0.19		0.19	0.073	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.026	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Pentachlorophenol	<0.75		0.75	0.41	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Phenanthrene	**0.12**		0.037	0.0080	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Phenol	<0.19		0.19	0.016	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
Pyrene	**0.047**		0.037	0.010	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.026	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/28/25 07:45	05/29/25 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*76*		*43 - 145*	*05/28/25 07:45*	*05/29/25 19:14*	*1*
2-Fluorophenol	*68*		*31 - 166*	*05/28/25 07:45*	*05/29/25 19:14*	*1*
Nitrobenzene-d5 (Surr)	*62*		*37 - 147*	*05/28/25 07:45*	*05/29/25 19:14*	*1*
Phenol-d5	*64*		*30 - 153*	*05/28/25 07:45*	*05/29/25 19:14*	*1*
Terphenyl-d14 (Surr)	*82*		*42 - 157*	*05/28/25 07:45*	*05/29/25 19:14*	*1*
2,4,6-Tribromophenol	*91*		*31 - 143*	*05/28/25 07:45*	*05/29/25 19:14*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.43	mg/Kg	☼	05/28/25 08:58	05/28/25 21:46	1
Arsenic	**5.2**		1.1	0.38	mg/Kg	☼	05/28/25 08:58	05/28/25 21:46	1
Barium	**97**		1.1	0.13	mg/Kg	☼	05/28/25 08:58	05/28/25 21:46	1
Beryllium	**0.65**		0.45	0.10	mg/Kg	☼	05/28/25 08:58	05/28/25 21:46	1
Boron	**8.3**		5.6	0.52	mg/Kg	☼	05/28/25 08:58	05/28/25 21:46	1
Cadmium	**0.11**	**J**	0.22	0.040	mg/Kg	☼	05/28/25 08:58	05/28/25 21:46	1
Chromium	**25**		1.1	0.55	mg/Kg	☼	05/28/25 08:58	05/28/25 21:46	1
Cobalt	**13**		2.8	0.73	mg/Kg	☼	05/28/25 08:58	05/29/25 18:33	5
Copper	**22**		1.1	0.31	mg/Kg	☼	05/28/25 08:58	05/28/25 21:46	1
Iron	**22000**		22	12	mg/Kg	☼	05/28/25 08:58	05/28/25 21:46	1
Lead	**17**		0.56	0.26	mg/Kg	☼	05/28/25 08:58	05/28/25 21:46	1
Magnesium	**4100**		11	5.5	mg/Kg	☼	05/28/25 08:58	05/28/25 21:46	1
Manganese	**200**		1.1	0.16	mg/Kg	☼	05/28/25 08:58	05/28/25 21:46	1
Nickel	**29**		1.1	0.32	mg/Kg	☼	05/28/25 08:58	05/28/25 21:46	1
Selenium	<1.1		1.1	0.65	mg/Kg	☼	05/28/25 08:58	05/28/25 21:46	1
Silver	<0.56		0.56	0.14	mg/Kg	☼	05/28/25 08:58	05/28/25 21:46	1
Thallium	**1.6**		1.1	0.56	mg/Kg	☼	05/28/25 08:58	05/29/25 18:29	1
Vanadium	**50**		2.8	0.66	mg/Kg	☼	05/28/25 08:58	05/29/25 18:33	5
Zinc	**56**		2.2	0.98	mg/Kg	☼	05/28/25 08:58	05/28/25 21:46	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**1.1**		0.20	0.082	mg/L		05/29/25 14:30	06/03/25 23:57	1
Manganese	**4.3**		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 23:57	1
Chromium	**0.0023**	**J**	0.010	0.0017	mg/L		05/29/25 14:30	06/03/25 23:57	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B26 (5-12)
Date Collected: 05/23/25 10:35
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-33
Matrix: Solid
Percent Solids: 84.7

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**1.2**		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 18:47	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.022**		0.019	0.0079	mg/Kg	☼	06/03/25 14:55	06/04/25 10:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.13	mg/Kg	☼	05/28/25 14:47	05/28/25 17:36	1
pH (SW846 9045D)	**7.3**		0.2	0.2	SU			05/27/25 17:26	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(75-131)	(75-126)	(70-134)	(75-124)
500-268848-1	5-B12 (1-5)	116	99	102	94
500-268848-2	5-B12 (5-12)	111 *3	108 *3	122 *3	93 *3
500-268848-3	5-B13 (1-5)	120	100	104	105
500-268848-4	5-B13 (5-12)	120	101	107	98
500-268848-5	5-B14 (1-5)	107	100	105	105
500-268848-6	5-B14 (5-8)	112	98	100	95
500-268848-7	5-B15 (1-5)	112	99	106	104
500-268848-8	5-B15 (1-5)D	110	98	102	104
500-268848-9	5-B15 (5-12)	110	99	101	104
500-268848-10	5-B16 (1-5)	115	97	99	105
500-268848-11	5-B16 (5-9)	111	99	104	103
500-268848-12	5-B17 (1-5)	120	99	101	105
500-268848-13	5-B17 (5-12)	115 *3	105 *3	129 *3	105 *3
500-268848-14	5-B18 (1-5)	119	97	108	112
500-268848-15	5-B18 (5-12)	110	100	103	104
500-268848-16	5-B19 (1-5)	127	98	104	96
500-268848-17	5-B19 (5-12)	104	99	104	104
500-268848-18	5-B20 (1-5)	103	98	102	105
500-268848-19	5-B20 (1-5)D	110	100	104	102
500-268848-20	5-B20 (5-12)	98	114	128	93
500-268848-21	5-B21 (1-5)	115	102	109	101
500-268848-22	5-B21 (5-12)	103	118	132	96
500-268848-23	5-B22 (1-5)	101	116	127	96
500-268848-24	5-B22 (5-12)	98	114	130	94
500-268848-25	5-B23 (1-5)	97	113	131	92
500-268848-26	5-B23 (5-12)	104	111	129	94
500-268848-27	5-B24 (1-5)	102	113	132	94
500-268848-28	5-B24 (5-12)	97	113	133	92
500-268848-29	5-B25 (1-5)	98	113	133	95
500-268848-30	5-B25 (5-12)	113	102	107	104
500-268848-31	5-B25 (5-12)D	112	103	106	102
500-268848-32	5-B26 (1-5)	100	115	132	93
500-268848-33	5-B26 (5-12)	101	112	134	96
LCS 500-819601/4	Lab Control Sample	108	100	102	105
LCS 500-819819/5	Lab Control Sample	94	115	128	96
LCS 500-820035/5	Lab Control Sample	109	101	104	102
LCSD 500-819601/5	Lab Control Sample Dup	108	102	103	95
LCSD 500-819819/6	Lab Control Sample Dup	96	113	127	98
LCSD 500-820035/8	Lab Control Sample Dup	114	99	105	100
MB 500-819601/7	Method Blank	111	97	98	98
MB 500-819819/8	Method Blank	100	109	127	93
MB 500-820035/7	Method Blank	112	99	101	104

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 500-268848-1
Project/Site: Bend Boulevard, East Moline, IL

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPHL	TBP
Lab Sample ID	Client Sample ID	(43-145)	(31-166)	(37-147)	(30-153)	(42-157)	(31-143)
500-268848-1	5-B12 (1-5)	69	79	83	82	83	58
500-268848-1 MS	5-B12 (1-5)	69	72	74	75	79	60
500-268848-1 MSD	5-B12 (1-5)	63	68	72	72	65	50
500-268848-2	5-B12 (5-12)	83	94	93	96	96	68
500-268848-3	5-B13 (1-5)	89	96	99	98	95	65
500-268848-4	5-B13 (5-12)	86	95	95	96	91	70
500-268848-5	5-B14 (1-5)	71	83	83	83	82	57
500-268848-6	5-B14 (5-8)	84	86	93	95	94	59
500-268848-7	5-B15 (1-5)	83	92	91	96	90	72
500-268848-8	5-B15 (1-5)D	84	93	92	95	91	71
500-268848-9	5-B15 (5-12)	80	91	93	92	90	62
500-268848-10	5-B16 (1-5)	88	87	92	95	92	74
500-268848-11	5-B16 (5-9)	90	102	102	105	99	76
500-268848-12	5-B17 (1-5)	82	90	83	94	77	62
500-268848-13	5-B17 (5-12)	78	89	88	91	93	62
500-268848-14	5-B18 (1-5)	85	89	91	93	89	71
500-268848-15	5-B18 (5-12)	79	90	69	93	88	62
500-268848-16	5-B19 (1-5)	82	92	92	93	92	68
500-268848-17	5-B19 (5-12)	79	88	80	90	85	65
500-268848-18	5-B20 (1-5)	72	80	80	84	86	58
500-268848-19	5-B20 (1-5)D	79	88	88	92	89	67
500-268848-20	5-B20 (5-12)	83	93	79	97	95	70
500-268848-21	5-B21 (1-5)	82	73	67	68	81	99
500-268848-21 MS	5-B21 (1-5)	85	75	69	70	88	109
500-268848-21 MSD	5-B21 (1-5)	81	67	61	65	85	103
500-268848-22	5-B21 (5-12)	62	71	65	67	82	97
500-268848-23	5-B22 (1-5)	82	69	60	67	91	105
500-268848-24	5-B22 (5-12)	85	77	64	75	99	110
500-268848-25	5-B23 (1-5)	79	63	58	62	84	101
500-268848-26	5-B23 (5-12)	85	77	69	74	95	107
500-268848-27	5-B24 (1-5)	84	70	65	69	94	112
500-268848-27 - DL	5-B24 (1-5)	0 S1-	0 S1-	0 S1-	0 S1-	0 S1-	0 S1-
500-268848-28	5-B24 (5-12)	85	78	64	74	91	102
500-268848-29	5-B25 (1-5)	77	69	62	65	92	98
500-268848-30	5-B25 (5-12)	83	75	68	72	81	101
500-268848-31	5-B25 (5-12)D	80	72	63	69	86	97
500-268848-32	5-B26 (1-5)	79	71	67	66	88	91
500-268848-33	5-B26 (5-12)	76	68	62	64	82	91
LCS 500-819208/2-A	Lab Control Sample	91	84	76	78	97	111
LCS 500-819401/2-A	Lab Control Sample	84	96	96	97	87	68
MB 500-819208/1-A	Method Blank	88	79	72	74	97	106
MB 500-819401/1-A	Method Blank	70	81	82	84	73	55

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5
TPHL = Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 500-268848-1
Project/Site: Bend Boulevard, East Moline, IL

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	DCBP1 (33-148)	TCX1 (30-121)								
500-268848-1	5-B12 (1-5)	61	56								
500-268848-1 MS	5-B12 (1-5)	92	81								
500-268848-1 MSD	5-B12 (1-5)	81	66								
500-268848-3	5-B13 (1-5)	68	73								
500-268848-5	5-B14 (1-5)	59	52								
500-268848-7	5-B15 (1-5)	69	67								
500-268848-8	5-B15 (1-5)D	59	57								
500-268848-10	5-B16 (1-5)	82	56								
500-268848-10	5-B16 (1-5)	104	61								
500-268848-12	5-B17 (1-5)	68	63								
500-268848-12	5-B17 (1-5)	48	57								
500-268848-14	5-B18 (1-5)	61	57								
500-268848-14	5-B18 (1-5)	53	55								
500-268848-16	5-B19 (1-5)	54	64								
500-268848-16	5-B19 (1-5)	52	65								
500-268848-18	5-B20 (1-5)	54	53								
500-268848-19	5-B20 (1-5)D	56	63								
500-268848-19	5-B20 (1-5)D	58	63								
500-268848-21	5-B21 (1-5)	56	64								
500-268848-21	5-B21 (1-5)	58	67								
500-268848-23	5-B22 (1-5)	83	62								
500-268848-23	5-B22 (1-5)	76	69								
500-268848-25	5-B23 (1-5)	110	93								
500-268848-25	5-B23 (1-5)	85	80								
500-268848-27	5-B24 (1-5)	107	118								
500-268848-29	5-B25 (1-5)	43	50								
500-268848-29	5-B25 (1-5)	95	68								
500-268848-32	5-B26 (1-5)	49	54								
500-268848-32	5-B26 (1-5)	49	59								
LCS 500-819344/2-A	Lab Control Sample	86	90								
LCS 500-819344/2-A	Lab Control Sample	73	73								
MB 500-819344/1-A	Method Blank	87	89								
MB 500-819344/1-A	Method Blank	75	75								

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	TCX2 (49-129)	DCBP2 (37-121)								
500-268848-1	5-B12 (1-5)	62	83								
500-268848-1 MS	5-B12 (1-5)	59	80								
500-268848-1 MSD	5-B12 (1-5)	57	85								
500-268848-3	5-B13 (1-5)	64	94								
500-268848-5	5-B14 (1-5)	51	71								
500-268848-7	5-B15 (1-5)	63	82								
500-268848-8	5-B15 (1-5)D	61	78								

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 500-268848-1
Project/Site: Bend Boulevard, East Moline, IL

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	TCX2 (49-129)	DCBP2 (37-121)								
500-268848-10	5-B16 (1-5)	0 S1-	0 S1-								
500-268848-12	5-B17 (1-5)	72	48								
500-268848-14	5-B18 (1-5)	66	49								
500-268848-16	5-B19 (1-5)	80	46								
500-268848-18	5-B20 (1-5)	38 S1-	49								
500-268848-19	5-B20 (1-5)D	76	46								
500-268848-21	5-B21 (1-5)	77	47								
500-268848-23	5-B22 (1-5)	73	53								
500-268848-25	5-B23 (1-5)	100	129 S1+								
500-268848-27	5-B24 (1-5)	63	60								
500-268848-29	5-B25 (1-5)	57	39								
500-268848-32	5-B26 (1-5)	48 S1-	69								
LCS 500-819344/3-A	Lab Control Sample	69	86								
LCS 500-819344/3-A	Lab Control Sample	80	44								
MB 500-819344/1-A	Method Blank	74	91								
MB 500-819344/1-A	Method Blank	83	43								

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 500-819601/7
Matrix: Solid
Analysis Batch: 819601

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0084	mg/Kg			05/30/25 11:35	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			05/30/25 11:35	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			05/30/25 11:35	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			05/30/25 11:35	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			05/30/25 11:35	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			05/30/25 11:35	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			05/30/25 11:35	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			05/30/25 11:35	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			05/30/25 11:35	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			05/30/25 11:35	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			05/30/25 11:35	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			05/30/25 11:35	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			05/30/25 11:35	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			05/30/25 11:35	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			05/30/25 11:35	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			05/30/25 11:35	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			05/30/25 11:35	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			05/30/25 11:35	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			05/30/25 11:35	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			05/30/25 11:35	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			05/30/25 11:35	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			05/30/25 11:35	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			05/30/25 11:35	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			05/30/25 11:35	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			05/30/25 11:35	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			05/30/25 11:35	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			05/30/25 11:35	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			05/30/25 11:35	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			05/30/25 11:35	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			05/30/25 11:35	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			05/30/25 11:35	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			05/30/25 11:35	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			05/30/25 11:35	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			05/30/25 11:35	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			05/30/25 11:35	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			05/30/25 11:35	1
1,3-Dichloropropene, Total	<2.0		2.0	0.96	ug/Kg			05/30/25 11:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*75 - 131*		*05/30/25 11:35*	*1*
Dibromofluoromethane	*97*		*75 - 126*		*05/30/25 11:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*70 - 134*		*05/30/25 11:35*	*1*
Toluene-d8 (Surr)	*98*		*75 - 124*		*05/30/25 11:35*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-819601/4
Matrix: Solid
Analysis Batch: 819601

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.0500	0.0496		mg/Kg		99	40 - 150
Benzene	0.0500	0.0592		mg/Kg		118	70 - 125
Bromodichloromethane	0.0500	0.0622		mg/Kg		124	67 - 129
Bromoform	0.0500	0.0432		mg/Kg		86	68 - 136
Bromomethane	0.0500	0.0593		mg/Kg		119	70 - 130
2-Butanone (MEK)	0.0500	0.0479		mg/Kg		96	47 - 138
Carbon disulfide	0.0500	0.0508		mg/Kg		102	70 - 129
Carbon tetrachloride	0.0500	0.0589		mg/Kg		118	75 - 125
Chlorobenzene	0.0500	0.0575		mg/Kg		115	50 - 150
Chloroethane	0.0500	0.0563		mg/Kg		113	75 - 125
Chloroform	0.0500	0.0587		mg/Kg		117	57 - 135
Chloromethane	0.0500	0.0478		mg/Kg		96	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0606		mg/Kg		121	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0588		mg/Kg		118	70 - 125
Dibromochloromethane	0.0500	0.0535		mg/Kg		107	69 - 125
1,1-Dichloroethane	0.0500	0.0567		mg/Kg		113	70 - 125
1,2-Dichloroethane	0.0500	0.0584		mg/Kg		117	70 - 130
1,1-Dichloroethene	0.0500	0.0528		mg/Kg		106	70 - 120
1,2-Dichloropropane	0.0500	0.0556		mg/Kg		111	70 - 125
Ethylbenzene	0.0500	0.0572		mg/Kg		114	61 - 136
2-Hexanone	0.0500	0.0461		mg/Kg		92	48 - 146
Methylene Chloride	0.0500	0.0527		mg/Kg		105	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0466		mg/Kg		93	50 - 148
Methyl tert-butyl ether	0.0500	0.0609		mg/Kg		122	50 - 140
Styrene	0.0500	0.0506		mg/Kg		101	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0588		mg/Kg		118	70 - 122
Tetrachloroethene	0.0500	0.0539		mg/Kg		108	70 - 124
Toluene	0.0500	0.0597		mg/Kg		119	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0607		mg/Kg		121	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0586		mg/Kg		117	70 - 125
1,1,1-Trichloroethane	0.0500	0.0587		mg/Kg		117	70 - 128
1,1,2-Trichloroethane	0.0500	0.0586		mg/Kg		117	70 - 125
Trichloroethene	0.0500	0.0565		mg/Kg		113	70 - 125
Vinyl acetate	0.0500	0.0567		mg/Kg		113	40 - 153
Vinyl chloride	0.0500	0.0592		mg/Kg		118	70 - 125
Xylenes, Total	0.100	0.108		mg/Kg		108	53 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*75 - 131*
Dibromofluoromethane	*100*		*75 - 126*
1,2-Dichloroethane-d4 (Surr)	*102*		*70 - 134*
Toluene-d8 (Surr)	*105*		*75 - 124*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 500-819601/5
Matrix: Solid
Analysis Batch: 819601

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.0500	0.0519		mg/Kg		104	40 - 150	5	30
Benzene			0.0500	0.0605		mg/Kg		121	70 - 125	2	30
Bromodichloromethane			0.0500	0.0582		mg/Kg		116	67 - 129	7	30
Bromoform			0.0500	0.0459		mg/Kg		92	68 - 136	6	30
Bromomethane			0.0500	0.0646		mg/Kg		129	70 - 130	9	30
2-Butanone (MEK)			0.0500	0.0500		mg/Kg		100	47 - 138	4	30
Carbon disulfide			0.0500	0.0508		mg/Kg		102	70 - 129	0	30
Carbon tetrachloride			0.0500	0.0596		mg/Kg		119	75 - 125	1	30
Chlorobenzene			0.0500	0.0584		mg/Kg		117	50 - 150	1	30
Chloroethane			0.0500	0.0569		mg/Kg		114	75 - 125	1	30
Chloroform			0.0500	0.0606		mg/Kg		121	57 - 135	3	30
Chloromethane			0.0500	0.0473		mg/Kg		95	70 - 125	1	30
cis-1,2-Dichloroethene			0.0500	0.0609		mg/Kg		122	70 - 125	0	30
cis-1,3-Dichloropropene			0.0500	0.0532		mg/Kg		106	70 - 125	10	30
Dibromochloromethane			0.0500	0.0497		mg/Kg		99	69 - 125	7	30
1,1-Dichloroethane			0.0500	0.0573		mg/Kg		115	70 - 125	1	30
1,2-Dichloroethane			0.0500	0.0608		mg/Kg		122	70 - 130	4	30
1,1-Dichloroethene			0.0500	0.0529		mg/Kg		106	70 - 120	0	30
1,2-Dichloropropane			0.0500	0.0580		mg/Kg		116	70 - 125	4	30
Ethylbenzene			0.0500	0.0577		mg/Kg		115	61 - 136	1	30
2-Hexanone			0.0500	0.0435		mg/Kg		87	48 - 146	6	30
Methylene Chloride			0.0500	0.0514		mg/Kg		103	70 - 126	2	30
4-Methyl-2-pentanone (MIBK)			0.0500	0.0432		mg/Kg		86	50 - 148	8	30
Methyl tert-butyl ether			0.0500	0.0634		mg/Kg		127	50 - 140	4	30
Styrene			0.0500	0.0551		mg/Kg		110	70 - 125	9	30
1,1,2,2-Tetrachloroethane			0.0500	0.0615	*+	mg/Kg		123	70 - 122	4	30
Tetrachloroethene			0.0500	0.0502		mg/Kg		100	70 - 124	7	30
Toluene			0.0500	0.0540		mg/Kg		108	70 - 125	10	30
trans-1,2-Dichloroethene			0.0500	0.0617		mg/Kg		123	70 - 125	2	30
trans-1,3-Dichloropropene			0.0500	0.0541		mg/Kg		108	70 - 125	8	30
1,1,1-Trichloroethane			0.0500	0.0599		mg/Kg		120	70 - 128	2	30
1,1,2-Trichloroethane			0.0500	0.0539		mg/Kg		108	70 - 125	8	30
Trichloroethene			0.0500	0.0572		mg/Kg		114	70 - 125	1	30
Vinyl acetate			0.0500	0.0589		mg/Kg		118	40 - 153	4	30
Vinyl chloride			0.0500	0.0592		mg/Kg		118	70 - 125	0	30
Xylenes, Total			0.100	0.118		mg/Kg		118	53 - 147	8	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*75 - 131*
Dibromofluoromethane	*102*		*75 - 126*
1,2-Dichloroethane-d4 (Surr)	*103*		*70 - 134*
Toluene-d8 (Surr)	*95*		*75 - 124*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-819819/8
Matrix: Solid
Analysis Batch: 819819

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0084	mg/Kg			06/02/25 12:18	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/02/25 12:18	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/02/25 12:18	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/02/25 12:18	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/02/25 12:18	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/02/25 12:18	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/02/25 12:18	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/02/25 12:18	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/02/25 12:18	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/02/25 12:18	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/02/25 12:18	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/02/25 12:18	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/02/25 12:18	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/02/25 12:18	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/02/25 12:18	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/02/25 12:18	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/02/25 12:18	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/02/25 12:18	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/02/25 12:18	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/02/25 12:18	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/02/25 12:18	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/02/25 12:18	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/02/25 12:18	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/02/25 12:18	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/02/25 12:18	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/02/25 12:18	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/02/25 12:18	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/02/25 12:18	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/02/25 12:18	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/02/25 12:18	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/02/25 12:18	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/02/25 12:18	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/02/25 12:18	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/02/25 12:18	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/02/25 12:18	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/02/25 12:18	1
1,3-Dichloropropene, Total	<2.0		2.0	0.96	ug/Kg			06/02/25 12:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*75 - 131*		*06/02/25 12:18*	*1*
Dibromofluoromethane	*109*		*75 - 126*		*06/02/25 12:18*	*1*
1,2-Dichloroethane-d4 (Surr)	*127*		*70 - 134*		*06/02/25 12:18*	*1*
Toluene-d8 (Surr)	*93*		*75 - 124*		*06/02/25 12:18*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-819819/5
Matrix: Solid
Analysis Batch: 819819

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.0500	0.0538		mg/Kg		108	40 - 150
Benzene	0.0500	0.0538		mg/Kg		108	70 - 125
Bromodichloromethane	0.0500	0.0629		mg/Kg		126	67 - 129
Bromoform	0.0500	0.0619		mg/Kg		124	68 - 136
Bromomethane	0.0500	0.0638		mg/Kg		128	70 - 130
2-Butanone (MEK)	0.0500	0.0548		mg/Kg		110	47 - 138
Carbon disulfide	0.0500	0.0530		mg/Kg		106	70 - 129
Carbon tetrachloride	0.0500	0.0644	*+	mg/Kg		129	75 - 125
Chlorobenzene	0.0500	0.0518		mg/Kg		104	50 - 150
Chloroethane	0.0500	0.0612		mg/Kg		122	75 - 125
Chloroform	0.0500	0.0568		mg/Kg		114	57 - 135
Chloromethane	0.0500	0.0648	*+	mg/Kg		130	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0557		mg/Kg		111	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0558		mg/Kg		112	70 - 125
Dibromochloromethane	0.0500	0.0594		mg/Kg		119	69 - 125
1,1-Dichloroethane	0.0500	0.0611		mg/Kg		122	70 - 125
1,2-Dichloroethane	0.0500	0.0673	*+	mg/Kg		135	70 - 130
1,1-Dichloroethene	0.0500	0.0544		mg/Kg		109	70 - 120
1,2-Dichloropropane	0.0500	0.0603		mg/Kg		121	70 - 125
Ethylbenzene	0.0500	0.0567		mg/Kg		113	61 - 136
2-Hexanone	0.0500	0.0556		mg/Kg		111	48 - 146
Methylene Chloride	0.0500	0.0530		mg/Kg		106	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0572		mg/Kg		114	50 - 148
Methyl tert-butyl ether	0.0500	0.0567		mg/Kg		113	50 - 140
Styrene	0.0500	0.0570		mg/Kg		114	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0520		mg/Kg		104	70 - 122
Tetrachloroethene	0.0500	0.0579		mg/Kg		116	70 - 124
Toluene	0.0500	0.0470		mg/Kg		94	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0552		mg/Kg		110	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0563		mg/Kg		113	70 - 125
1,1,1-Trichloroethane	0.0500	0.0649	*+	mg/Kg		130	70 - 128
1,1,2-Trichloroethane	0.0500	0.0506		mg/Kg		101	70 - 125
Trichloroethene	0.0500	0.0568		mg/Kg		114	70 - 125
Vinyl acetate	0.0500	0.0705		mg/Kg		141	40 - 153
Vinyl chloride	0.0500	0.0590		mg/Kg		118	70 - 125
Xylenes, Total	0.100	0.110		mg/Kg		110	53 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*75 - 131*
Dibromofluoromethane	*115*		*75 - 126*
1,2-Dichloroethane-d4 (Surr)	*128*		*70 - 134*
Toluene-d8 (Surr)	*96*		*75 - 124*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 500-819819/6
Matrix: Solid
Analysis Batch: 819819

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.0500	0.0536		mg/Kg		107	40 - 150	0	30
Benzene			0.0500	0.0524		mg/Kg		105	70 - 125	3	30
Bromodichloromethane			0.0500	0.0610		mg/Kg		122	67 - 129	3	30
Bromoform			0.0500	0.0613		mg/Kg		123	68 - 136	1	30
Bromomethane			0.0500	0.0642		mg/Kg		128	70 - 130	1	30
2-Butanone (MEK)			0.0500	0.0537		mg/Kg		107	47 - 138	2	30
Carbon disulfide			0.0500	0.0505		mg/Kg		101	70 - 129	5	30
Carbon tetrachloride			0.0500	0.0628	*+	mg/Kg		126	75 - 125	3	30
Chlorobenzene			0.0500	0.0512		mg/Kg		102	50 - 150	1	30
Chloroethane			0.0500	0.0560		mg/Kg		112	75 - 125	9	30
Chloroform			0.0500	0.0553		mg/Kg		111	57 - 135	3	30
Chloromethane			0.0500	0.0620		mg/Kg		124	70 - 125	4	30
cis-1,2-Dichloroethene			0.0500	0.0534		mg/Kg		107	70 - 125	4	30
cis-1,3-Dichloropropene			0.0500	0.0545		mg/Kg		109	70 - 125	2	30
Dibromochloromethane			0.0500	0.0589		mg/Kg		118	69 - 125	1	30
1,1-Dichloroethane			0.0500	0.0592		mg/Kg		118	70 - 125	3	30
1,2-Dichloroethane			0.0500	0.0655	*+	mg/Kg		131	70 - 130	3	30
1,1-Dichloroethene			0.0500	0.0520		mg/Kg		104	70 - 120	4	30
1,2-Dichloropropane			0.0500	0.0574		mg/Kg		115	70 - 125	5	30
Ethylbenzene			0.0500	0.0564		mg/Kg		113	61 - 136	0	30
2-Hexanone			0.0500	0.0550		mg/Kg		110	48 - 146	1	30
Methylene Chloride			0.0500	0.0495		mg/Kg		99	70 - 126	7	30
4-Methyl-2-pentanone (MIBK)			0.0500	0.0550		mg/Kg		110	50 - 148	4	30
Methyl tert-butyl ether			0.0500	0.0550		mg/Kg		110	50 - 140	3	30
Styrene			0.0500	0.0565		mg/Kg		113	70 - 125	1	30
1,1,2,2-Tetrachloroethane			0.0500	0.0528		mg/Kg		106	70 - 122	1	30
Tetrachloroethene			0.0500	0.0571		mg/Kg		114	70 - 124	1	30
Toluene			0.0500	0.0462		mg/Kg		92	70 - 125	2	30
trans-1,2-Dichloroethene			0.0500	0.0542		mg/Kg		108	70 - 125	2	30
trans-1,3-Dichloropropene			0.0500	0.0565		mg/Kg		113	70 - 125	0	30
1,1,1-Trichloroethane			0.0500	0.0630		mg/Kg		126	70 - 128	3	30
1,1,2-Trichloroethane			0.0500	0.0506		mg/Kg		101	70 - 125	0	30
Trichloroethene			0.0500	0.0548		mg/Kg		110	70 - 125	4	30
Vinyl acetate			0.0500	0.0678		mg/Kg		136	40 - 153	4	30
Vinyl chloride			0.0500	0.0555		mg/Kg		111	70 - 125	6	30
Xylenes, Total			0.100	0.106		mg/Kg		106	53 - 147	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*75 - 131*
Dibromofluoromethane	*113*		*75 - 126*
1,2-Dichloroethane-d4 (Surr)	*127*		*70 - 134*
Toluene-d8 (Surr)	*98*		*75 - 124*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 500-820035/7
Matrix: Solid
Analysis Batch: 820035

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0084	mg/Kg			06/03/25 12:37	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/03/25 12:37	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/03/25 12:37	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/03/25 12:37	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/03/25 12:37	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/03/25 12:37	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/03/25 12:37	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/03/25 12:37	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/03/25 12:37	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/03/25 12:37	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/03/25 12:37	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/03/25 12:37	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/03/25 12:37	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/03/25 12:37	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/03/25 12:37	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/03/25 12:37	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/03/25 12:37	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/03/25 12:37	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/03/25 12:37	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/03/25 12:37	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/03/25 12:37	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/03/25 12:37	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/03/25 12:37	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/03/25 12:37	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/03/25 12:37	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/03/25 12:37	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/03/25 12:37	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/03/25 12:37	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/03/25 12:37	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/03/25 12:37	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/03/25 12:37	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/03/25 12:37	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/03/25 12:37	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/03/25 12:37	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/03/25 12:37	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/03/25 12:37	1
1,3-Dichloropropene, Total	<2.0		2.0	0.96	ug/Kg			06/03/25 12:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*75 - 131*		*06/03/25 12:37*	*1*
Dibromofluoromethane	*99*		*75 - 126*		*06/03/25 12:37*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 134*		*06/03/25 12:37*	*1*
Toluene-d8 (Surr)	*104*		*75 - 124*		*06/03/25 12:37*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-820035/5
Matrix: Solid
Analysis Batch: 820035

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.0500	0.0484		mg/Kg		97	40 - 150
Benzene	0.0500	0.0557		mg/Kg		111	70 - 125
Bromodichloromethane	0.0500	0.0536		mg/Kg		107	67 - 129
Bromoform	0.0500	0.0427		mg/Kg		85	68 - 136
Bromomethane	0.0500	0.0648		mg/Kg		130	70 - 130
2-Butanone (MEK)	0.0500	0.0414		mg/Kg		83	47 - 138
Carbon disulfide	0.0500	0.0536		mg/Kg		107	70 - 129
Carbon tetrachloride	0.0500	0.0543		mg/Kg		109	75 - 125
Chlorobenzene	0.0500	0.0523		mg/Kg		105	50 - 150
Chloroethane	0.0500	0.0622		mg/Kg		124	75 - 125
Chloroform	0.0500	0.0545		mg/Kg		109	57 - 135
Chloromethane	0.0500	0.0529		mg/Kg		106	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0556		mg/Kg		111	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0533		mg/Kg		107	70 - 125
Dibromochloromethane	0.0500	0.0476		mg/Kg		95	69 - 125
1,1-Dichloroethane	0.0500	0.0526		mg/Kg		105	70 - 125
1,2-Dichloroethane	0.0500	0.0559		mg/Kg		112	70 - 130
1,1-Dichloroethene	0.0500	0.0544		mg/Kg		109	70 - 120
1,2-Dichloropropane	0.0500	0.0523		mg/Kg		105	70 - 125
Ethylbenzene	0.0500	0.0508		mg/Kg		102	61 - 136
2-Hexanone	0.0500	0.0372		mg/Kg		74	48 - 146
Methylene Chloride	0.0500	0.0466		mg/Kg		93	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0387		mg/Kg		77	50 - 148
Methyl tert-butyl ether	0.0500	0.0574		mg/Kg		115	50 - 140
Styrene	0.0500	0.0512		mg/Kg		102	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0519		mg/Kg		104	70 - 122
Tetrachloroethene	0.0500	0.0481		mg/Kg		96	70 - 124
Toluene	0.0500	0.0532		mg/Kg		106	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0572		mg/Kg		114	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0521		mg/Kg		104	70 - 125
1,1,1-Trichloroethane	0.0500	0.0553		mg/Kg		111	70 - 128
1,1,2-Trichloroethane	0.0500	0.0511		mg/Kg		102	70 - 125
Trichloroethene	0.0500	0.0533		mg/Kg		107	70 - 125
Vinyl acetate	0.0500	0.0519		mg/Kg		104	40 - 153
Vinyl chloride	0.0500	0.0675	*+	mg/Kg		135	70 - 125
Xylenes, Total	0.100	0.105		mg/Kg		105	53 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*75 - 131*
Dibromofluoromethane	*101*		*75 - 126*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 134*
Toluene-d8 (Surr)	*102*		*75 - 124*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 500-820035/8
Matrix: Solid
Analysis Batch: 820035

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.0500	0.0405		mg/Kg		81	40 - 150	18	30
Benzene			0.0500	0.0513		mg/Kg		103	70 - 125	8	30
Bromodichloromethane			0.0500	0.0489		mg/Kg		98	67 - 129	9	30
Bromoform			0.0500	0.0391		mg/Kg		78	68 - 136	9	30
Bromomethane			0.0500	0.0446	*1	mg/Kg		89	70 - 130	37	30
2-Butanone (MEK)			0.0500	0.0413		mg/Kg		83	47 - 138	0	30
Carbon disulfide			0.0500	0.0450		mg/Kg		90	70 - 129	18	30
Carbon tetrachloride			0.0500	0.0504		mg/Kg		101	75 - 125	7	30
Chlorobenzene			0.0500	0.0477		mg/Kg		95	50 - 150	9	30
Chloroethane			0.0500	0.0447	*1	mg/Kg		89	75 - 125	33	30
Chloroform			0.0500	0.0513		mg/Kg		103	57 - 135	6	30
Chloromethane			0.0500	0.0424		mg/Kg		85	70 - 125	22	30
cis-1,2-Dichloroethene			0.0500	0.0509		mg/Kg		102	70 - 125	9	30
cis-1,3-Dichloropropene			0.0500	0.0479		mg/Kg		96	70 - 125	11	30
Dibromochloromethane			0.0500	0.0433		mg/Kg		87	69 - 125	9	30
1,1-Dichloroethane			0.0500	0.0493		mg/Kg		99	70 - 125	6	30
1,2-Dichloroethane			0.0500	0.0525		mg/Kg		105	70 - 130	6	30
1,1-Dichloroethene			0.0500	0.0450		mg/Kg		90	70 - 120	19	30
1,2-Dichloropropane			0.0500	0.0478		mg/Kg		96	70 - 125	9	30
Ethylbenzene			0.0500	0.0472		mg/Kg		94	61 - 136	7	30
2-Hexanone			0.0500	0.0370		mg/Kg		74	48 - 146	1	30
Methylene Chloride			0.0500	0.0416		mg/Kg		83	70 - 126	11	30
4-Methyl-2-pentanone (MIBK)			0.0500	0.0380		mg/Kg		76	50 - 148	2	30
Methyl tert-butyl ether			0.0500	0.0536		mg/Kg		107	50 - 140	7	30
Styrene			0.0500	0.0470		mg/Kg		94	70 - 125	9	30
1,1,2,2-Tetrachloroethane			0.0500	0.0513		mg/Kg		103	70 - 122	1	30
Tetrachloroethene			0.0500	0.0451		mg/Kg		90	70 - 124	7	30
Toluene			0.0500	0.0485		mg/Kg		97	70 - 125	9	30
trans-1,2-Dichloroethene			0.0500	0.0519		mg/Kg		104	70 - 125	10	30
trans-1,3-Dichloropropene			0.0500	0.0486		mg/Kg		97	70 - 125	7	30
1,1,1-Trichloroethane			0.0500	0.0511		mg/Kg		102	70 - 128	8	30
1,1,2-Trichloroethane			0.0500	0.0480		mg/Kg		96	70 - 125	6	30
Trichloroethene			0.0500	0.0482		mg/Kg		96	70 - 125	10	30
Vinyl acetate			0.0500	0.0507		mg/Kg		101	40 - 153	2	30
Vinyl chloride			0.0500	0.0472	*1	mg/Kg		94	70 - 125	35	30
Xylenes, Total			0.100	0.0980		mg/Kg		98	53 - 147	7	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*75 - 131*
Dibromofluoromethane	*99*		*75 - 126*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 134*
Toluene-d8 (Surr)	*100*		*75 - 124*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-819208/1-A
Matrix: Solid
Analysis Batch: 819416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819208

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Carbazole	<0.17		0.17	0.013	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Diethyl phthalate	<0.17		0.17	0.015	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Isophorone	<0.17		0.17	0.017	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		05/28/25 07:45	05/29/25 14:46	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-819208/1-A
Matrix: Solid
Analysis Batch: 819416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819208

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Phenol	<0.17		0.17	0.014	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		05/28/25 07:45	05/29/25 14:46	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		05/28/25 07:45	05/29/25 14:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*88*		*43 - 145*	*05/28/25 07:45*	*05/29/25 14:46*	*1*
2-Fluorophenol	*79*		*31 - 166*	*05/28/25 07:45*	*05/29/25 14:46*	*1*
Nitrobenzene-d5 (Surr)	*72*		*37 - 147*	*05/28/25 07:45*	*05/29/25 14:46*	*1*
Phenol-d5	*74*		*30 - 153*	*05/28/25 07:45*	*05/29/25 14:46*	*1*
Terphenyl-d14 (Surr)	*97*		*42 - 157*	*05/28/25 07:45*	*05/29/25 14:46*	*1*
2,4,6-Tribromophenol	*106*		*31 - 143*	*05/28/25 07:45*	*05/29/25 14:46*	*1*

Lab Sample ID: LCS 500-819208/2-A
Matrix: Solid
Analysis Batch: 819416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819208

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	3.33	2.71		mg/Kg		81	63 - 109
Acenaphthylene	3.33	2.83		mg/Kg		85	61 - 115
Anthracene	3.33	3.11		mg/Kg		93	68 - 120
Benzo[a]anthracene	3.33	2.83		mg/Kg		85	70 - 121
Benzo[a]pyrene	3.33	3.13		mg/Kg		94	73 - 132
Benzo[b]fluoranthene	3.33	3.16		mg/Kg		95	68 - 123
Benzo[g,h,i]perylene	3.33	3.03		mg/Kg		91	65 - 126
Benzo[k]fluoranthene	3.33	2.90		mg/Kg		87	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.33		mg/Kg		70	54 - 102
Bis(2-chloroethyl)ether	3.33	2.14		mg/Kg		64	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	2.60		mg/Kg		78	70 - 139
4-Bromophenyl phenyl ether	3.33	3.38		mg/Kg		101	57 - 124
Butyl benzyl phthalate	3.33	2.72		mg/Kg		82	65 - 140
Carbazole	3.33	3.02		mg/Kg		91	68 - 120
4-Chloroaniline	3.33	2.42		mg/Kg		73	22 - 110
4-Chloro-3-methylphenol	3.33	2.69		mg/Kg		81	57 - 113
2-Chloronaphthalene	3.33	2.81		mg/Kg		84	60 - 107
2-Chlorophenol	3.33	2.68		mg/Kg		80	50 - 102

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-819208/2-A
Matrix: Solid
Analysis Batch: 819416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819208

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chlorophenyl phenyl ether	3.33	2.85		mg/Kg		85	60 - 112
Chrysene	3.33	2.84		mg/Kg		85	70 - 123
Dibenz(a,h)anthracene	3.33	3.28		mg/Kg		98	66 - 125
Dibenzofuran	3.33	2.81		mg/Kg		84	64 - 112
1,2-Dichlorobenzene	3.33	2.56		mg/Kg		77	47 - 94
1,3-Dichlorobenzene	3.33	2.54		mg/Kg		76	47 - 92
1,4-Dichlorobenzene	3.33	2.55		mg/Kg		77	46 - 92
3,3'-Dichlorobenzidine	3.33	2.47		mg/Kg		74	36 - 131
2,4-Dichlorophenol	3.33	3.10		mg/Kg		93	51 - 109
Diethyl phthalate	3.33	2.70		mg/Kg		81	66 - 115
2,4-Dimethylphenol	3.33	2.81		mg/Kg		84	48 - 93
Dimethyl phthalate	3.33	2.80		mg/Kg		84	65 - 114
Di-n-butyl phthalate	3.33	2.82		mg/Kg		85	69 - 125
4,6-Dinitro-2-methylphenol	6.67	6.23		mg/Kg		93	36 - 138
2,4-Dinitrophenol	6.67	5.81		mg/Kg		87	10 - 130
2,4-Dinitrotoluene	3.33	3.07		mg/Kg		92	65 - 120
2,6-Dinitrotoluene	3.33	3.02		mg/Kg		91	66 - 117
Di-n-octyl phthalate	3.33	2.92		mg/Kg		87	61 - 131
Fluoranthene	3.33	3.14		mg/Kg		94	66 - 123
Fluorene	3.33	2.80		mg/Kg		84	62 - 113
Hexachlorobenzene	3.33	3.48		mg/Kg		104	52 - 126
Hexachlorobutadiene	3.33	3.15		mg/Kg		95	42 - 103
Hexachlorocyclopentadiene	3.33	1.91		mg/Kg		57	10 - 100
Hexachloroethane	3.33	2.40		mg/Kg		72	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	3.26		mg/Kg		98	66 - 131
Isophorone	3.33	2.29		mg/Kg		69	47 - 108
2-Methylnaphthalene	3.33	2.81		mg/Kg		84	58 - 103
2-Methylphenol	3.33	2.43		mg/Kg		73	50 - 104
3 & 4 Methylphenol	3.33	2.45		mg/Kg		74	49 - 109
Naphthalene	3.33	2.66		mg/Kg		80	54 - 98
2-Nitroaniline	3.33	2.23		mg/Kg		67	61 - 126
3-Nitroaniline	3.33	2.57		mg/Kg		77	44 - 124
4-Nitroaniline	3.33	2.60		mg/Kg		78	60 - 115
Nitrobenzene	3.33	2.35		mg/Kg		70	52 - 105
2-Nitrophenol	3.33	3.15		mg/Kg		95	41 - 114
4-Nitrophenol	6.67	4.49		mg/Kg		67	45 - 126
N-Nitrosodi-n-propylamine	3.33	2.02		mg/Kg		61	48 - 110
N-Nitrosodiphenylamine	3.33	3.06		mg/Kg		92	67 - 112
2,2'-oxybis[1-chloropropane]	3.33	1.61		mg/Kg		48	43 - 111
Pentachlorophenol	6.67	5.54		mg/Kg		83	32 - 128
Phenanthrene	3.33	2.98		mg/Kg		89	65 - 115
Phenol	3.33	2.39		mg/Kg		72	52 - 110
Pyrene	3.33	2.94		mg/Kg		88	71 - 128
1,2,4-Trichlorobenzene	3.33	2.89		mg/Kg		87	49 - 100
2,4,5-Trichlorophenol	3.33	3.09		mg/Kg		93	48 - 121
2,4,6-Trichlorophenol	3.33	3.07		mg/Kg		92	50 - 121

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-819208/2-A
Matrix: Solid
Analysis Batch: 819416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819208

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr)	91		43 - 145
2-Fluorophenol	84		31 - 166
Nitrobenzene-d5 (Surr)	76		37 - 147
Phenol-d5	78		30 - 153
Terphenyl-d14 (Surr)	97		42 - 157
2,4,6-Tribromophenol	111		31 - 143

Lab Sample ID: 500-268848-21 MS
Matrix: Solid
Analysis Batch: 819416

Client Sample ID: 5-B21 (1-5)
Prep Type: Total/NA
Prep Batch: 819208

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	0.030	J	3.84	3.03		mg/Kg	☼	78	65 - 124
Acenaphthylene	<0.037		3.84	3.09		mg/Kg	☼	80	68 - 120
Anthracene	0.078		3.84	3.40		mg/Kg	☼	86	70 - 114
Benzo[a]anthracene	0.19		3.84	3.15		mg/Kg	☼	77	67 - 122
Benzo[a]pyrene	0.16		3.84	3.22		mg/Kg	☼	80	65 - 133
Benzo[b]fluoranthene	0.28		3.84	3.24		mg/Kg	☼	77	69 - 129
Benzo[g,h,i]perylene	0.15		3.84	3.20		mg/Kg	☼	79	72 - 131
Benzo[k]fluoranthene	0.088		3.84	2.96		mg/Kg	☼	75	68 - 127
Bis(2-chloroethoxy)methane	<0.19	F1	3.84	2.45		mg/Kg	☼	64	60 - 112
Bis(2-chloroethyl)ether	<0.19	F1	3.84	2.31		mg/Kg	☼	60	55 - 111
Bis(2-ethylhexyl) phthalate	<0.19		3.84	2.86		mg/Kg	☼	74	72 - 131
4-Bromophenyl phenyl ether	<0.19		3.84	3.76		mg/Kg	☼	98	68 - 118
Butyl benzyl phthalate	<0.19		3.84	3.00		mg/Kg	☼	78	71 - 129
Carbazole	0.039	J	3.84	3.20		mg/Kg	☼	82	65 - 142
4-Chloroaniline	<0.76		3.84	2.29		mg/Kg	☼	60	30 - 150
4-Chloro-3-methylphenol	<0.37		3.84	2.87		mg/Kg	☼	75	65 - 122
2-Chloronaphthalene	<0.19		3.84	3.05		mg/Kg	☼	79	69 - 114
2-Chlorophenol	<0.19		3.84	2.82		mg/Kg	☼	73	64 - 110
4-Chlorophenyl phenyl ether	<0.19		3.84	3.18		mg/Kg	☼	83	62 - 119
Chrysene	0.29		3.84	3.20		mg/Kg	☼	76	63 - 120
Dibenz(a,h)anthracene	<0.037		3.84	3.55		mg/Kg	☼	92	64 - 131
Dibenzofuran	0.11	J	3.84	3.20		mg/Kg	☼	80	66 - 115
1,2-Dichlorobenzene	<0.19	F1	3.84	2.72		mg/Kg	☼	71	62 - 110
1,3-Dichlorobenzene	<0.19	F1	3.84	2.67		mg/Kg	☼	70	60 - 110
1,4-Dichlorobenzene	<0.19	F1	3.84	2.73		mg/Kg	☼	71	61 - 110
3,3'-Dichlorobenzidine	<0.19		3.84	2.63		mg/Kg	☼	68	35 - 128
2,4-Dichlorophenol	<0.37		3.84	3.17		mg/Kg	☼	83	58 - 120
Diethyl phthalate	<0.19		3.84	3.05		mg/Kg	☼	79	58 - 120
2,4-Dimethylphenol	<0.37		3.84	2.88		mg/Kg	☼	75	60 - 110
Dimethyl phthalate	<0.19		3.84	3.11		mg/Kg	☼	81	69 - 116
Di-n-butyl phthalate	0.024	J	3.84	3.18		mg/Kg	☼	82	65 - 120
4,6-Dinitro-2-methylphenol	<0.76		7.68	6.05		mg/Kg	☼	79	10 - 110
2,4-Dinitrophenol	<0.76	F2	7.68	4.61		mg/Kg	☼	60	10 - 100
2,4-Dinitrotoluene	<0.19		3.84	3.46		mg/Kg	☼	90	69 - 124
2,6-Dinitrotoluene	<0.19		3.84	3.31		mg/Kg	☼	86	70 - 123
Di-n-octyl phthalate	<0.37		3.84	3.39		mg/Kg	☼	88	68 - 134

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-268848-21 MS
Matrix: Solid
Analysis Batch: 819416

Client Sample ID: 5-B21 (1-5)
Prep Type: Total/NA
Prep Batch: 819208

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoranthene	0.48		3.84	3.46		mg/Kg	☼	78	62 - 120
Fluorene	0.048		3.84	3.11		mg/Kg	☼	80	62 - 120
Hexachlorobenzene	<0.076		3.84	3.89		mg/Kg	☼	101	63 - 124
Hexachlorobutadiene	<0.19		3.84	3.29		mg/Kg	☼	86	56 - 120
Hexachlorocyclopentadiene	<0.76	F1	3.84	0.518	J	mg/Kg	☼	13	10 - 133
Hexachloroethane	<0.19	F1	3.84	2.37		mg/Kg	☼	62	60 - 114
Indeno[1,2,3-cd]pyrene	0.13		3.84	3.56		mg/Kg	☼	89	68 - 130
Isophorone	<0.19		3.84	2.34		mg/Kg	☼	61	55 - 110
2-Methylnaphthalene	0.32		3.84	3.18		mg/Kg	☼	74	69 - 112
2-Methylphenol	<0.19		3.84	2.59		mg/Kg	☼	67	60 - 120
3 & 4 Methylphenol	<0.19		3.84	2.56		mg/Kg	☼	67	57 - 120
Naphthalene	0.20		3.84	2.93		mg/Kg	☼	71	63 - 110
2-Nitroaniline	<0.19		3.84	2.42		mg/Kg	☼	63	57 - 124
3-Nitroaniline	<0.37		3.84	2.79		mg/Kg	☼	73	40 - 122
4-Nitroaniline	<0.37		3.84	2.64		mg/Kg	☼	69	60 - 160
Nitrobenzene	<0.037	F1	3.84	2.43		mg/Kg	☼	63	60 - 116
2-Nitrophenol	<0.37		3.84	3.29		mg/Kg	☼	86	60 - 120
4-Nitrophenol	<0.76		7.68	5.35		mg/Kg	☼	70	30 - 122
N-Nitrosodi-n-propylamine	<0.076	F1	3.84	2.14		mg/Kg	☼	56	56 - 118
N-Nitrosodiphenylamine	<0.19		3.84	3.42		mg/Kg	☼	89	65 - 112
2,2'-oxybis[1-chloropropane]	<0.19	F1	3.84	1.69		mg/Kg	☼	44	40 - 124
Pentachlorophenol	<0.76		7.68	6.25		mg/Kg	☼	81	13 - 112
Phenanthrene	0.62		3.84	3.62		mg/Kg	☼	78	62 - 120
Phenol	<0.19		3.84	2.52		mg/Kg	☼	66	56 - 122
Pyrene	0.38		3.84	3.24		mg/Kg	☼	74	61 - 128
1,2,4-Trichlorobenzene	<0.19		3.84	3.08		mg/Kg	☼	80	66 - 117
2,4,5-Trichlorophenol	<0.37		3.84	3.47		mg/Kg	☼	90	50 - 120
2,4,6-Trichlorophenol	<0.37		3.84	3.45		mg/Kg	☼	90	57 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*85*		*43 - 145*
2-Fluorophenol	*75*		*31 - 166*
Nitrobenzene-d5 (Surr)	*69*		*37 - 147*
Phenol-d5	*70*		*30 - 153*
Terphenyl-d14 (Surr)	*88*		*42 - 157*
2,4,6-Tribromophenol	*109*		*31 - 143*

Lab Sample ID: 500-268848-21 MSD
Matrix: Solid
Analysis Batch: 819416

Client Sample ID: 5-B21 (1-5)
Prep Type: Total/NA
Prep Batch: 819208

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	0.030	J	3.89	2.95		mg/Kg	☼	75	65 - 124	3	30
Acenaphthylene	<0.037		3.89	3.03		mg/Kg	☼	78	68 - 120	2	30
Anthracene	0.078		3.89	3.37		mg/Kg	☼	85	70 - 114	1	30
Benzo[a]anthracene	0.19		3.89	3.07		mg/Kg	☼	74	67 - 122	3	30
Benzo[a]pyrene	0.16		3.89	3.09		mg/Kg	☼	75	65 - 133	4	30
Benzo[b]fluoranthene	0.28		3.89	3.12		mg/Kg	☼	73	69 - 129	4	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-268848-21 MSD
Matrix: Solid
Analysis Batch: 819416

Client Sample ID: 5-B21 (1-5)
Prep Type: Total/NA
Prep Batch: 819208

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[g,h,i]perylene	0.15		3.89	2.96		mg/Kg	☼	72	72 - 131	8	30
Benzo[k]fluoranthene	0.088		3.89	2.87		mg/Kg	☼	71	68 - 127	3	30
Bis(2-chloroethoxy)methane	<0.19	F1	3.89	2.26	F1	mg/Kg	☼	58	60 - 112	8	30
Bis(2-chloroethyl)ether	<0.19	F1	3.89	1.99	F1	mg/Kg	☼	51	55 - 111	15	30
Bis(2-ethylhexyl) phthalate	<0.19		3.89	2.81		mg/Kg	☼	72	72 - 131	2	30
4-Bromophenyl phenyl ether	<0.19		3.89	3.73		mg/Kg	☼	96	68 - 118	1	30
Butyl benzyl phthalate	<0.19		3.89	2.94		mg/Kg	☼	75	71 - 129	2	30
Carbazole	0.039	J	3.89	3.26		mg/Kg	☼	83	65 - 142	2	30
4-Chloroaniline	<0.76		3.89	2.34		mg/Kg	☼	60	30 - 150	2	30
4-Chloro-3-methylphenol	<0.37		3.89	2.88		mg/Kg	☼	74	65 - 122	0	30
2-Chloronaphthalene	<0.19		3.89	2.95		mg/Kg	☼	76	69 - 114	3	30
2-Chlorophenol	<0.19		3.89	2.59		mg/Kg	☼	66	64 - 110	9	30
4-Chlorophenyl phenyl ether	<0.19		3.89	3.11		mg/Kg	☼	80	62 - 119	2	30
Chrysene	0.29		3.89	3.14		mg/Kg	☼	73	63 - 120	2	30
Dibenz(a,h)anthracene	<0.037		3.89	3.38		mg/Kg	☼	87	64 - 131	5	30
Dibenzofuran	0.11	J	3.89	3.13		mg/Kg	☼	77	66 - 115	2	30
1,2-Dichlorobenzene	<0.19	F1	3.89	2.36	F1	mg/Kg	☼	61	62 - 110	14	30
1,3-Dichlorobenzene	<0.19	F1	3.89	2.31	F1	mg/Kg	☼	59	60 - 110	14	30
1,4-Dichlorobenzene	<0.19	F1	3.89	2.34	F1	mg/Kg	☼	60	61 - 110	15	30
3,3'-Dichlorobenzidine	<0.19		3.89	2.47		mg/Kg	☼	63	35 - 128	6	30
2,4-Dichlorophenol	<0.37		3.89	3.13		mg/Kg	☼	80	58 - 120	2	30
Diethyl phthalate	<0.19		3.89	3.01		mg/Kg	☼	77	58 - 120	1	30
2,4-Dimethylphenol	<0.37		3.89	2.69		mg/Kg	☼	69	60 - 110	7	30
Dimethyl phthalate	<0.19		3.89	3.03		mg/Kg	☼	78	69 - 116	3	30
Di-n-butyl phthalate	0.024	J	3.89	3.15		mg/Kg	☼	80	65 - 120	1	30
4,6-Dinitro-2-methylphenol	<0.76		7.79	5.21		mg/Kg	☼	67	10 - 110	15	30
2,4-Dinitrophenol	<0.76	F2	7.79	3.24	F2	mg/Kg	☼	42	10 - 100	35	30
2,4-Dinitrotoluene	<0.19		3.89	3.28		mg/Kg	☼	84	69 - 124	6	30
2,6-Dinitrotoluene	<0.19		3.89	3.31		mg/Kg	☼	85	70 - 123	0	30
Di-n-octyl phthalate	<0.37		3.89	3.36		mg/Kg	☼	86	68 - 134	1	30
Fluoranthene	0.48		3.89	3.46		mg/Kg	☼	77	62 - 120	0	30
Fluorene	0.048		3.89	3.04		mg/Kg	☼	77	62 - 120	2	30
Hexachlorobenzene	<0.076		3.89	3.81		mg/Kg	☼	98	63 - 124	2	30
Hexachlorobutadiene	<0.19		3.89	2.99		mg/Kg	☼	77	56 - 120	9	30
Hexachlorocyclopentadiene	<0.76	F1	3.89	<0.78	F1	mg/Kg	☼	0	10 - 133	NC	30
Hexachloroethane	<0.19	F1	3.89	2.04	F1	mg/Kg	☼	52	60 - 114	15	30
Indeno[1,2,3-cd]pyrene	0.13		3.89	3.25		mg/Kg	☼	80	68 - 130	9	30
Isophorone	<0.19		3.89	2.27		mg/Kg	☼	58	55 - 110	3	30
2-Methylnaphthalene	0.32		3.89	3.10		mg/Kg	☼	72	69 - 112	2	30
2-Methylphenol	<0.19		3.89	2.43		mg/Kg	☼	63	60 - 120	6	30
3 & 4 Methylphenol	<0.19		3.89	2.50		mg/Kg	☼	64	57 - 120	2	30
Naphthalene	0.20		3.89	2.72		mg/Kg	☼	65	63 - 110	7	30
2-Nitroaniline	<0.19		3.89	2.38		mg/Kg	☼	61	57 - 124	2	30
3-Nitroaniline	<0.37		3.89	2.76		mg/Kg	☼	71	40 - 122	1	30
4-Nitroaniline	<0.37		3.89	2.66		mg/Kg	☼	68	60 - 160	1	30
Nitrobenzene	<0.037	F1	3.89	2.22	F1	mg/Kg	☼	57	60 - 116	9	30
2-Nitrophenol	<0.37		3.89	3.00		mg/Kg	☼	77	60 - 120	9	30
4-Nitrophenol	<0.76		7.79	5.14		mg/Kg	☼	66	30 - 122	4	30
N-Nitrosodi-n-propylamine	<0.076	F1	3.89	2.02	F1	mg/Kg	☼	52	56 - 118	6	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-268848-21 MSD
Matrix: Solid
Analysis Batch: 819416

Client Sample ID: 5-B21 (1-5)
Prep Type: Total/NA
Prep Batch: 819208

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-Nitrosodiphenylamine	<0.19		3.89	3.34		mg/Kg	☼	86	65 - 112	2	30
2,2'-oxybis[1-chloropropane]	<0.19	F1	3.89	1.51	F1	mg/Kg	☼	39	40 - 124	11	30
Pentachlorophenol	<0.76		7.79	5.88		mg/Kg	☼	76	13 - 112	6	30
Phenanthrene	0.62		3.89	3.63		mg/Kg	☼	78	62 - 120	0	30
Phenol	<0.19		3.89	2.38		mg/Kg	☼	61	56 - 122	6	30
Pyrene	0.38		3.89	3.18		mg/Kg	☼	72	61 - 128	2	30
1,2,4-Trichlorobenzene	<0.19		3.89	2.78		mg/Kg	☼	72	66 - 117	10	30
2,4,5-Trichlorophenol	<0.37		3.89	3.40		mg/Kg	☼	87	50 - 120	2	30
2,4,6-Trichlorophenol	<0.37		3.89	3.38		mg/Kg	☼	87	57 - 120	2	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*81*		*43 - 145*
2-Fluorophenol	*67*		*31 - 166*
Nitrobenzene-d5 (Surr)	*61*		*37 - 147*
Phenol-d5	*65*		*30 - 153*
Terphenyl-d14 (Surr)	*85*		*42 - 157*
2,4,6-Tribromophenol	*103*		*31 - 143*

Lab Sample ID: MB 500-819401/1-A
Matrix: Solid
Analysis Batch: 819422

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Carbazole	<0.17		0.17	0.013	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		05/29/25 07:31	05/29/25 14:45	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-819401/1-A
Matrix: Solid
Analysis Batch: 819422

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Diethyl phthalate	<0.17		0.17	0.015	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Isophorone	<0.17		0.17	0.017	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Phenol	<0.17		0.17	0.014	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		05/29/25 07:31	05/29/25 14:45	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		05/29/25 07:31	05/29/25 14:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*70*		*43 - 145*	*05/29/25 07:31*	*05/29/25 14:45*	*1*
2-Fluorophenol	*81*		*31 - 166*	*05/29/25 07:31*	*05/29/25 14:45*	*1*
Nitrobenzene-d5 (Surr)	*82*		*37 - 147*	*05/29/25 07:31*	*05/29/25 14:45*	*1*
Phenol-d5	*84*		*30 - 153*	*05/29/25 07:31*	*05/29/25 14:45*	*1*
Terphenyl-d14 (Surr)	*73*		*42 - 157*	*05/29/25 07:31*	*05/29/25 14:45*	*1*
2,4,6-Tribromophenol	*55*		*31 - 143*	*05/29/25 07:31*	*05/29/25 14:45*	*1*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-819401/2-A
Matrix: Solid
Analysis Batch: 819422

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	3.33	2.64		mg/Kg		79	63 - 109
Acenaphthylene	3.33	2.77		mg/Kg		83	61 - 115
Anthracene	3.33	2.87		mg/Kg		86	68 - 120
Benzo[a]anthracene	3.33	2.75		mg/Kg		82	70 - 121
Benzo[a]pyrene	3.33	2.88		mg/Kg		86	73 - 132
Benzo[b]fluoranthene	3.33	2.94		mg/Kg		88	68 - 123
Benzo[g,h,i]perylene	3.33	2.58		mg/Kg		77	65 - 126
Benzo[k]fluoranthene	3.33	2.88		mg/Kg		86	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.88		mg/Kg		86	54 - 102
Bis(2-chloroethyl)ether	3.33	2.93		mg/Kg		88	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	3.35		mg/Kg		100	70 - 139
4-Bromophenyl phenyl ether	3.33	2.57		mg/Kg		77	57 - 124
Butyl benzyl phthalate	3.33	3.33		mg/Kg		100	65 - 140
Carbazole	3.33	3.06		mg/Kg		92	68 - 120
4-Chloroaniline	3.33	2.56		mg/Kg		77	22 - 110
4-Chloro-3-methylphenol	3.33	2.84		mg/Kg		85	57 - 113
2-Chloronaphthalene	3.33	2.64		mg/Kg		79	60 - 107
2-Chlorophenol	3.33	2.87		mg/Kg		86	50 - 102
4-Chlorophenyl phenyl ether	3.33	2.35		mg/Kg		70	60 - 112
Chrysene	3.33	2.78		mg/Kg		83	70 - 123
Dibenz(a,h)anthracene	3.33	2.81		mg/Kg		84	66 - 125
Dibenzofuran	3.33	2.68		mg/Kg		80	64 - 112
1,2-Dichlorobenzene	3.33	2.59		mg/Kg		78	47 - 94
1,3-Dichlorobenzene	3.33	2.50		mg/Kg		75	47 - 92
1,4-Dichlorobenzene	3.33	2.56		mg/Kg		77	46 - 92
3,3'-Dichlorobenzidine	3.33	2.17		mg/Kg		65	36 - 131
2,4-Dichlorophenol	3.33	2.59		mg/Kg		78	51 - 109
Diethyl phthalate	3.33	2.71		mg/Kg		81	66 - 115
2,4-Dimethylphenol	3.33	2.77		mg/Kg		83	48 - 93
Dimethyl phthalate	3.33	2.60		mg/Kg		78	65 - 114
Di-n-butyl phthalate	3.33	3.05		mg/Kg		92	69 - 125
4,6-Dinitro-2-methylphenol	6.67	5.78		mg/Kg		87	36 - 138
2,4-Dinitrophenol	6.67	4.35		mg/Kg		65	10 - 130
2,4-Dinitrotoluene	3.33	2.65		mg/Kg		80	65 - 120
2,6-Dinitrotoluene	3.33	2.67		mg/Kg		80	66 - 117
Di-n-octyl phthalate	3.33	2.90		mg/Kg		87	61 - 131
Fluoranthene	3.33	2.65		mg/Kg		79	66 - 123
Fluorene	3.33	2.64		mg/Kg		79	62 - 113
Hexachlorobenzene	3.33	2.45		mg/Kg		74	52 - 126
Hexachlorobutadiene	3.33	2.08		mg/Kg		63	42 - 103
Hexachlorocyclopentadiene	3.33	1.68		mg/Kg		50	10 - 100
Hexachloroethane	3.33	2.76		mg/Kg		83	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	2.82		mg/Kg		85	66 - 131
Isophorone	3.33	2.91		mg/Kg		87	47 - 108
2-Methylnaphthalene	3.33	2.62		mg/Kg		79	58 - 103
2-Methylphenol	3.33	2.81		mg/Kg		84	50 - 104
3 & 4 Methylphenol	3.33	2.91		mg/Kg		87	49 - 109
Naphthalene	3.33	2.59		mg/Kg		78	54 - 98

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-819401/2-A
Matrix: Solid
Analysis Batch: 819422

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Nitroaniline	3.33	3.36		mg/Kg		101	61 - 126
3-Nitroaniline	3.33	2.70		mg/Kg		81	44 - 124
4-Nitroaniline	3.33	2.86		mg/Kg		86	60 - 115
Nitrobenzene	3.33	3.03		mg/Kg		91	52 - 105
2-Nitrophenol	3.33	2.73		mg/Kg		82	41 - 114
4-Nitrophenol	6.67	5.32		mg/Kg		80	45 - 126
N-Nitrosodi-n-propylamine	3.33	2.96		mg/Kg		89	48 - 110
N-Nitrosodiphenylamine	3.33	3.01		mg/Kg		90	67 - 112
2,2'-oxybis[1-chloropropane]	3.33	3.01		mg/Kg		90	43 - 111
Pentachlorophenol	6.67	4.72		mg/Kg		71	32 - 128
Phenanthrene	3.33	2.90		mg/Kg		87	65 - 115
Phenol	3.33	2.91		mg/Kg		87	52 - 110
Pyrene	3.33	3.04		mg/Kg		91	71 - 128
1,2,4-Trichlorobenzene	3.33	2.38		mg/Kg		71	49 - 100
2,4,5-Trichlorophenol	3.33	2.44		mg/Kg		73	48 - 121
2,4,6-Trichlorophenol	3.33	2.53		mg/Kg		76	50 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*84*		*43 - 145*
2-Fluorophenol	*96*		*31 - 166*
Nitrobenzene-d5 (Surr)	*96*		*37 - 147*
Phenol-d5	*97*		*30 - 153*
Terphenyl-d14 (Surr)	*87*		*42 - 157*
2,4,6-Tribromophenol	*68*		*31 - 143*

Lab Sample ID: 500-268848-1 MS
Matrix: Solid
Analysis Batch: 819422

Client Sample ID: 5-B12 (1-5)
Prep Type: Total/NA
Prep Batch: 819401

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	<0.040	F1	3.95	2.70		mg/Kg	☼	68	65 - 124
Acenaphthylene	<0.040	F1	3.95	2.80		mg/Kg	☼	71	68 - 120
Anthracene	<0.040		3.95	3.20		mg/Kg	☼	81	70 - 114
Benzo[a]anthracene	<0.040	F1	3.95	3.10		mg/Kg	☼	78	67 - 122
Benzo[a]pyrene	<0.040		3.95	3.20		mg/Kg	☼	81	65 - 133
Benzo[b]fluoranthene	<0.040	F1	3.95	3.19		mg/Kg	☼	81	69 - 129
Benzo[g,h,i]perylene	<0.040	F1	3.95	2.86		mg/Kg	☼	72	72 - 131
Benzo[k]fluoranthene	<0.040		3.95	3.24		mg/Kg	☼	82	68 - 127
Bis(2-chloroethoxy)methane	<0.20		3.95	2.63		mg/Kg	☼	67	60 - 112
Bis(2-chloroethyl)ether	<0.20		3.95	2.75		mg/Kg	☼	70	55 - 111
Bis(2-ethylhexyl) phthalate	<0.20		3.95	3.79		mg/Kg	☼	96	72 - 131
4-Bromophenyl phenyl ether	<0.20	F1	3.95	2.61	F1	mg/Kg	☼	66	68 - 118
Butyl benzyl phthalate	<0.20		3.95	3.80		mg/Kg	☼	96	71 - 129
Carbazole	<0.20		3.95	3.33		mg/Kg	☼	84	65 - 142
4-Chloroaniline	<0.82		3.95	2.48		mg/Kg	☼	63	30 - 150
4-Chloro-3-methylphenol	<0.40		3.95	2.75		mg/Kg	☼	70	65 - 122
2-Chloronaphthalene	<0.20	F1	3.95	2.67	F1	mg/Kg	☼	68	69 - 114
2-Chlorophenol	<0.20	F1	3.95	2.60		mg/Kg	☼	66	64 - 110

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-268848-1 MS
Matrix: Solid
Analysis Batch: 819422

Client Sample ID: 5-B12 (1-5)
Prep Type: Total/NA
Prep Batch: 819401

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chlorophenyl phenyl ether	<0.20	F1	3.95	2.44		mg/Kg	☼	62	62 - 119
Chrysene	<0.040		3.95	3.07		mg/Kg	☼	78	63 - 120
Dibenz(a,h)anthracene	<0.040		3.95	3.08		mg/Kg	☼	78	64 - 131
Dibenzofuran	<0.20	F1	3.95	2.82		mg/Kg	☼	71	66 - 115
1,2-Dichlorobenzene	<0.20	F1	3.95	2.42	F1	mg/Kg	☼	61	62 - 110
1,3-Dichlorobenzene	<0.20	F1	3.95	2.37		mg/Kg	☼	60	60 - 110
1,4-Dichlorobenzene	<0.20	F1	3.95	2.40		mg/Kg	☼	61	61 - 110
3,3'-Dichlorobenzidine	<0.20		3.95	2.77		mg/Kg	☼	70	35 - 128
2,4-Dichlorophenol	<0.40	F1	3.95	2.35		mg/Kg	☼	59	58 - 120
Diethyl phthalate	<0.20		3.95	2.99		mg/Kg	☼	76	58 - 120
2,4-Dimethylphenol	<0.40	F1	3.95	2.43		mg/Kg	☼	62	60 - 110
Dimethyl phthalate	<0.20	F1	3.95	2.87		mg/Kg	☼	73	69 - 116
Di-n-butyl phthalate	<0.20		3.95	3.41		mg/Kg	☼	86	65 - 120
4,6-Dinitro-2-methylphenol	<0.82		7.89	5.56		mg/Kg	☼	70	10 - 110
2,4-Dinitrophenol	<0.82		7.89	3.34		mg/Kg	☼	42	10 - 100
2,4-Dinitrotoluene	<0.20	F1	3.95	2.93		mg/Kg	☼	74	69 - 124
2,6-Dinitrotoluene	<0.20	F1	3.95	2.83		mg/Kg	☼	72	70 - 123
Di-n-octyl phthalate	<0.40		3.95	3.42		mg/Kg	☼	87	68 - 134
Fluoranthene	<0.040		3.95	2.93		mg/Kg	☼	74	62 - 120
Fluorene	<0.040		3.95	2.75		mg/Kg	☼	70	62 - 120
Hexachlorobenzene	<0.082	F1	3.95	2.64		mg/Kg	☼	67	63 - 124
Hexachlorobutadiene	<0.20	F1	3.95	1.94	F1	mg/Kg	☼	49	56 - 120
Hexachlorocyclopentadiene	<0.82		3.95	1.14		mg/Kg	☼	29	10 - 133
Hexachloroethane	<0.20		3.95	2.49		mg/Kg	☼	63	60 - 114
Indeno[1,2,3-cd]pyrene	<0.040	F1	3.95	3.07		mg/Kg	☼	78	68 - 130
Isophorone	<0.20		3.95	2.73		mg/Kg	☼	69	55 - 110
2-Methylnaphthalene	<0.082	F1	3.95	2.47	F1	mg/Kg	☼	63	69 - 112
2-Methylphenol	<0.20		3.95	2.62		mg/Kg	☼	66	60 - 120
3 & 4 Methylphenol	<0.20		3.95	2.68		mg/Kg	☼	68	57 - 120
Naphthalene	<0.040	F1	3.95	2.44	F1	mg/Kg	☼	62	63 - 110
2-Nitroaniline	<0.20		3.95	3.59		mg/Kg	☼	91	57 - 124
3-Nitroaniline	<0.40		3.95	3.15		mg/Kg	☼	80	40 - 122
4-Nitroaniline	<0.40		3.95	3.04		mg/Kg	☼	77	60 - 160
Nitrobenzene	<0.040		3.95	2.82		mg/Kg	☼	71	60 - 116
2-Nitrophenol	<0.40		3.95	2.53		mg/Kg	☼	64	60 - 120
4-Nitrophenol	<0.82		7.89	5.98		mg/Kg	☼	76	30 - 122
N-Nitrosodi-n-propylamine	<0.082		3.95	2.84		mg/Kg	☼	72	56 - 118
N-Nitrosodiphenylamine	<0.20		3.95	3.22		mg/Kg	☼	82	65 - 112
2,2'-oxybis[1-chloropropane]	<0.20		3.95	2.81		mg/Kg	☼	71	40 - 124
Pentachlorophenol	<0.82		7.89	5.15		mg/Kg	☼	65	13 - 112
Phenanthrene	<0.040		3.95	3.18		mg/Kg	☼	81	62 - 120
Phenol	<0.20		3.95	2.70		mg/Kg	☼	68	56 - 122
Pyrene	<0.040		3.95	3.32		mg/Kg	☼	84	61 - 128
1,2,4-Trichlorobenzene	<0.20	F1	3.95	2.16	F1	mg/Kg	☼	55	66 - 117
2,4,5-Trichlorophenol	<0.40		3.95	2.51		mg/Kg	☼	64	50 - 120
2,4,6-Trichlorophenol	<0.40		3.95	2.60		mg/Kg	☼	66	57 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-268848-1 MS
Matrix: Solid
Analysis Batch: 819422

Client Sample ID: 5-B12 (1-5)
Prep Type: Total/NA
Prep Batch: 819401

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorobiphenyl (Surr)	*69*		*43 - 145*
2-Fluorophenol	*72*		*31 - 166*
Nitrobenzene-d5 (Surr)	*74*		*37 - 147*
Phenol-d5	*75*		*30 - 153*
Terphenyl-d14 (Surr)	*79*		*42 - 157*
2,4,6-Tribromophenol	*60*		*31 - 143*

Lab Sample ID: 500-268848-1 MSD
Matrix: Solid
Analysis Batch: 819422

Client Sample ID: 5-B12 (1-5)
Prep Type: Total/NA
Prep Batch: 819401

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	<0.040	F1	4.16	2.53	F1	mg/Kg	☼	61	65 - 124	6	30
Acenaphthylene	<0.040	F1	4.16	2.68	F1	mg/Kg	☼	64	68 - 120	4	30
Anthracene	<0.040		4.16	2.90		mg/Kg	☼	70	70 - 114	10	30
Benzo[a]anthracene	<0.040	F1	4.16	2.71	F1	mg/Kg	☼	65	67 - 122	13	30
Benzo[a]pyrene	<0.040		4.16	2.86		mg/Kg	☼	69	65 - 133	11	30
Benzo[b]fluoranthene	<0.040	F1	4.16	2.80	F1	mg/Kg	☼	67	69 - 129	13	30
Benzo[g,h,i]perylene	<0.040	F1	4.16	2.48	F1	mg/Kg	☼	60	72 - 131	14	30
Benzo[k]fluoranthene	<0.040		4.16	3.02		mg/Kg	☼	73	68 - 127	7	30
Bis(2-chloroethoxy)methane	<0.20		4.16	2.68		mg/Kg	☼	64	60 - 112	2	30
Bis(2-chloroethyl)ether	<0.20		4.16	2.82		mg/Kg	☼	68	55 - 111	2	30
Bis(2-ethylhexyl) phthalate	<0.20		4.16	3.28		mg/Kg	☼	79	72 - 131	14	30
4-Bromophenyl phenyl ether	<0.20	F1	4.16	2.45	F1	mg/Kg	☼	59	68 - 118	6	30
Butyl benzyl phthalate	<0.20		4.16	3.27		mg/Kg	☼	79	71 - 129	15	30
Carbazole	<0.20		4.16	3.00		mg/Kg	☼	72	65 - 142	11	30
4-Chloroaniline	<0.82		4.16	2.51		mg/Kg	☼	60	30 - 150	1	30
4-Chloro-3-methylphenol	<0.40		4.16	2.73		mg/Kg	☼	66	65 - 122	1	30
2-Chloronaphthalene	<0.20	F1	4.16	2.58	F1	mg/Kg	☼	62	69 - 114	4	30
2-Chlorophenol	<0.20	F1	4.16	2.64	F1	mg/Kg	☼	63	64 - 110	2	30
4-Chlorophenyl phenyl ether	<0.20	F1	4.16	2.30	F1	mg/Kg	☼	55	62 - 119	6	30
Chrysene	<0.040		4.16	2.76		mg/Kg	☼	66	63 - 120	11	30
Dibenz(a,h)anthracene	<0.040		4.16	2.69		mg/Kg	☼	65	64 - 131	13	30
Dibenzofuran	<0.20	F1	4.16	2.60	F1	mg/Kg	☼	62	66 - 115	8	30
1,2-Dichlorobenzene	<0.20	F1	4.16	2.45	F1	mg/Kg	☼	59	62 - 110	1	30
1,3-Dichlorobenzene	<0.20	F1	4.16	2.37	F1	mg/Kg	☼	57	60 - 110	0	30
1,4-Dichlorobenzene	<0.20	F1	4.16	2.38	F1	mg/Kg	☼	57	61 - 110	1	30
3,3'-Dichlorobenzidine	<0.20		4.16	2.41		mg/Kg	☼	58	35 - 128	14	30
2,4-Dichlorophenol	<0.40	F1	4.16	2.39	F1	mg/Kg	☼	57	58 - 120	2	30
Diethyl phthalate	<0.20		4.16	2.66		mg/Kg	☼	64	58 - 120	12	30
2,4-Dimethylphenol	<0.40	F1	4.16	2.43	F1	mg/Kg	☼	58	60 - 110	0	30
Dimethyl phthalate	<0.20	F1	4.16	2.60	F1	mg/Kg	☼	62	69 - 116	10	30
Di-n-butyl phthalate	<0.20		4.16	3.04		mg/Kg	☼	73	65 - 120	12	30
4,6-Dinitro-2-methylphenol	<0.82		8.33	4.88		mg/Kg	☼	59	10 - 110	13	30
2,4-Dinitrophenol	<0.82		8.33	2.91		mg/Kg	☼	35	10 - 100	14	30
2,4-Dinitrotoluene	<0.20	F1	4.16	2.56	F1	mg/Kg	☼	61	69 - 124	14	30
2,6-Dinitrotoluene	<0.20	F1	4.16	2.56	F1	mg/Kg	☼	62	70 - 123	10	30
Di-n-octyl phthalate	<0.40		4.16	3.01		mg/Kg	☼	72	68 - 134	13	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-268848-1 MSD
Matrix: Solid
Analysis Batch: 819422

Client Sample ID: 5-B12 (1-5)
Prep Type: Total/NA
Prep Batch: 819401

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoranthene	<0.040		4.16	2.62		mg/Kg	☼	63	62 - 120	11	30
Fluorene	<0.040		4.16	2.58		mg/Kg	☼	62	62 - 120	6	30
Hexachlorobenzene	<0.082	F1	4.16	2.39	F1	mg/Kg	☼	57	63 - 124	10	30
Hexachlorobutadiene	<0.20	F1	4.16	1.93	F1	mg/Kg	☼	46	56 - 120	0	30
Hexachlorocyclopentadiene	<0.82		4.16	1.20		mg/Kg	☼	29	10 - 133	5	30
Hexachloroethane	<0.20		4.16	2.54		mg/Kg	☼	61	60 - 114	2	30
Indeno[1,2,3-cd]pyrene	<0.040	F1	4.16	2.79	F1	mg/Kg	☼	67	68 - 130	10	30
Isophorone	<0.20		4.16	2.74		mg/Kg	☼	66	55 - 110	1	30
2-Methylnaphthalene	<0.082	F1	4.16	2.53	F1	mg/Kg	☼	61	69 - 112	3	30
2-Methylphenol	<0.20		4.16	2.55		mg/Kg	☼	61	60 - 120	3	30
3 & 4 Methylphenol	<0.20		4.16	2.69		mg/Kg	☼	65	57 - 120	1	30
Naphthalene	<0.040	F1	4.16	2.45	F1	mg/Kg	☼	59	63 - 110	1	30
2-Nitroaniline	<0.20		4.16	3.37		mg/Kg	☼	81	57 - 124	6	30
3-Nitroaniline	<0.40		4.16	2.83		mg/Kg	☼	68	40 - 122	11	30
4-Nitroaniline	<0.40		4.16	2.72		mg/Kg	☼	65	60 - 160	11	30
Nitrobenzene	<0.040		4.16	2.91		mg/Kg	☼	70	60 - 116	3	30
2-Nitrophenol	<0.40		4.16	2.58		mg/Kg	☼	62	60 - 120	2	30
4-Nitrophenol	<0.82		8.33	5.02		mg/Kg	☼	60	30 - 122	17	30
N-Nitrosodi-n-propylamine	<0.082		4.16	2.85		mg/Kg	☼	68	56 - 118	0	30
N-Nitrosodiphenylamine	<0.20		4.16	2.93		mg/Kg	☼	70	65 - 112	9	30
2,2'-oxybis[1-chloropropane]	<0.20		4.16	2.83		mg/Kg	☼	68	40 - 124	1	30
Pentachlorophenol	<0.82		8.33	4.72		mg/Kg	☼	57	13 - 112	9	30
Phenanthrene	<0.040		4.16	2.89		mg/Kg	☼	69	62 - 120	10	30
Phenol	<0.20		4.16	2.73		mg/Kg	☼	66	56 - 122	1	30
Pyrene	<0.040		4.16	2.93		mg/Kg	☼	70	61 - 128	12	30
1,2,4-Trichlorobenzene	<0.20	F1	4.16	2.20	F1	mg/Kg	☼	53	66 - 117	2	30
2,4,5-Trichlorophenol	<0.40		4.16	2.44		mg/Kg	☼	58	50 - 120	3	30
2,4,6-Trichlorophenol	<0.40		4.16	2.51		mg/Kg	☼	60	57 - 120	3	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*63*		*43 - 145*
2-Fluorophenol	*68*		*31 - 166*
Nitrobenzene-d5 (Surr)	*72*		*37 - 147*
Phenol-d5	*72*		*30 - 153*
Terphenyl-d14 (Surr)	*65*		*42 - 157*
2,4,6-Tribromophenol	*50*		*31 - 143*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 500-819344/1-A
Matrix: Solid
Analysis Batch: 819683

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.7		1.7	0.95	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
beta-BHC	<1.7		1.7	1.4	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
delta-BHC	<1.7		1.7	0.81	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
gamma-BHC (Lindane)	<1.7		1.7	0.84	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
Heptachlor	<1.7		1.7	0.91	ug/Kg		05/28/25 14:20	05/30/25 13:06	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 500-819344/1-A
Matrix: Solid
Analysis Batch: 819683

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	<1.7		1.7	1.2	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
Heptachlor epoxide	<1.7		1.7	0.91	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
Endosulfan I	<1.7		1.7	0.91	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
Dieldrin	<1.7		1.7	0.88	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
4,4'-DDE	<1.7		1.7	0.87	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
Endrin	<1.7		1.7	0.86	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
Endosulfan II	<1.7		1.7	0.93	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
4,4'-DDD	<1.7		1.7	0.91	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
Endosulfan sulfate	<1.7		1.7	0.93	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
4,4'-DDT	<1.7		1.7	0.80	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
Methoxychlor	<8.3		8.3	1.1	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
Endrin ketone	<1.7		1.7	0.82	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
Endrin aldehyde	<1.7		1.7	0.96	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
alpha-Chlordane	<1.7		1.7	0.90	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
gamma-Chlordane	<1.7		1.7	0.97	ug/Kg		05/28/25 14:20	05/30/25 13:06	1
Toxaphene	<17		17	6.7	ug/Kg		05/28/25 14:20	05/30/25 13:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*87*		*33 - 148*	*05/28/25 14:20*	*05/30/25 13:06*	*1*
Tetrachloro-m-xylene	*89*		*30 - 121*	*05/28/25 14:20*	*05/30/25 13:06*	*1*

Lab Sample ID: MB 500-819344/1-A
Matrix: Solid
Analysis Batch: 819902

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.7		1.7	0.95	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
beta-BHC	<1.7		1.7	1.4	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
delta-BHC	<1.7		1.7	0.81	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
gamma-BHC (Lindane)	<1.7		1.7	0.84	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
Heptachlor	<1.7		1.7	0.91	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
Aldrin	<1.7		1.7	1.2	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
Heptachlor epoxide	<1.7		1.7	0.91	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
Endosulfan I	<1.7		1.7	0.91	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
Dieldrin	<1.7		1.7	0.88	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
4,4'-DDE	<1.7		1.7	0.87	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
Endrin	<1.7		1.7	0.86	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
Endosulfan II	<1.7		1.7	0.93	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
4,4'-DDD	<1.7		1.7	0.91	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
Endosulfan sulfate	<1.7		1.7	0.93	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
4,4'-DDT	<1.7		1.7	0.80	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
Methoxychlor	<8.3		8.3	1.1	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
Endrin ketone	<1.7		1.7	0.82	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
alpha-Chlordane	<1.7		1.7	0.90	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
gamma-Chlordane	<1.7		1.7	0.97	ug/Kg		05/28/25 14:20	06/02/25 14:14	1
Toxaphene	<17		17	6.7	ug/Kg		05/28/25 14:20	06/02/25 14:14	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 500-819344/1-A
Matrix: Solid
Analysis Batch: 819902

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819344

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	75		33 - 148	05/28/25 14:20	06/02/25 14:14	1
Tetrachloro-m-xylene	75		30 - 121	05/28/25 14:20	06/02/25 14:14	1

Lab Sample ID: LCS 500-819344/2-A
Matrix: Solid
Analysis Batch: 819683

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
alpha-BHC	13.3	12.1		ug/Kg		91	50 - 123
beta-BHC	13.3	12.7		ug/Kg		95	44 - 140
delta-BHC	13.3	11.7		ug/Kg		88	57 - 125
gamma-BHC (Lindane)	13.3	12.0		ug/Kg		90	50 - 122
Heptachlor	13.3	14.2		ug/Kg		106	53 - 129
Aldrin	13.3	13.2		ug/Kg		99	52 - 122
Heptachlor epoxide	13.3	13.6		ug/Kg		102	50 - 139
Endosulfan I	13.3	12.0		ug/Kg		90	30 - 120
Dieldrin	13.3	12.7		ug/Kg		95	51 - 133
4,4'-DDE	13.3	12.9		ug/Kg		97	50 - 130
Endrin	13.3	13.1		ug/Kg		98	43 - 144
Endosulfan II	13.3	11.4		ug/Kg		86	30 - 120
4,4'-DDD	13.3	13.4		ug/Kg		101	47 - 137
Endosulfan sulfate	13.3	13.8		ug/Kg		103	42 - 150
4,4'-DDT	13.3	16.2		ug/Kg		122	46 - 143
Methoxychlor	13.3	14.8		ug/Kg		111	45 - 144
Endrin ketone	13.3	13.4		ug/Kg		101	51 - 135
Endrin aldehyde	13.3	11.1		ug/Kg		83	39 - 131
alpha-Chlordane	13.3	12.2		ug/Kg		92	52 - 129
gamma-Chlordane	13.3	12.7		ug/Kg		95	52 - 132

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	86		33 - 148
Tetrachloro-m-xylene	90		30 - 121

Lab Sample ID: LCS 500-819344/2-A
Matrix: Solid
Analysis Batch: 819902

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
alpha-BHC	13.3	10.4		ug/Kg		78	50 - 123
beta-BHC	13.3	10.6		ug/Kg		79	44 - 140
delta-BHC	13.3	8.95		ug/Kg		67	57 - 125
gamma-BHC (Lindane)	13.3	10.4		ug/Kg		78	50 - 122
Heptachlor	13.3	12.0		ug/Kg		90	53 - 129
Aldrin	13.3	11.2		ug/Kg		84	52 - 122
Heptachlor epoxide	13.3	11.5		ug/Kg		86	50 - 139
Endosulfan I	13.3	10.9		ug/Kg		82	30 - 120
Dieldrin	13.3	11.1		ug/Kg		83	51 - 133
4,4'-DDE	13.3	10.7		ug/Kg		80	50 - 130

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 500-819344/2-A
Matrix: Solid
Analysis Batch: 819902

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819344

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Endrin	13.3	10.9		ug/Kg		82	43 - 144
Endosulfan II	13.3	9.77		ug/Kg		73	30 - 120
4,4'-DDD	13.3	11.3		ug/Kg		85	47 - 137
Endosulfan sulfate	13.3	10.4		ug/Kg		78	42 - 150
4,4'-DDT	13.3	13.8		ug/Kg		104	46 - 143
Methoxychlor	13.3	11.5		ug/Kg		87	45 - 144
Endrin ketone	13.3	10.8		ug/Kg		81	51 - 135
alpha-Chlordane	13.3	10.6		ug/Kg		79	52 - 129
gamma-Chlordane	13.3	11.1		ug/Kg		84	52 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*73*		*33 - 148*
Tetrachloro-m-xylene	*73*		*30 - 121*

Lab Sample ID: 500-268848-1 MS
Matrix: Solid
Analysis Batch: 819683

Client Sample ID: 5-B12 (1-5)
Prep Type: Total/NA
Prep Batch: 819344

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
alpha-BHC	<2.1		16.2	15.3		ug/Kg	☼	95	50 - 123
beta-BHC	<2.1		16.2	16.5		ug/Kg	☼	102	44 - 140
delta-BHC	<2.1		16.2	15.2		ug/Kg	☼	93	57 - 125
gamma-BHC (Lindane)	<2.1		16.2	15.6		ug/Kg	☼	96	50 - 122
Heptachlor	<2.1		16.2	18.5		ug/Kg	☼	114	53 - 129
Aldrin	<2.1		16.2	16.3		ug/Kg	☼	100	52 - 122
Heptachlor epoxide	<2.1		16.2	17.5		ug/Kg	☼	108	50 - 139
Endosulfan I	<2.1		16.2	15.2		ug/Kg	☼	94	30 - 120
Dieldrin	<2.1		16.2	16.2		ug/Kg	☼	100	51 - 133
4,4'-DDE	<2.1		16.2	16.1		ug/Kg	☼	99	50 - 130
Endrin	<2.1		16.2	17.0		ug/Kg	☼	105	43 - 144
Endosulfan II	<2.1		16.2	15.0		ug/Kg	☼	93	30 - 120
4,4'-DDD	<2.1		16.2	18.1		ug/Kg	☼	112	47 - 137
Endosulfan sulfate	<2.1		16.2	18.9		ug/Kg	☼	116	42 - 150
4,4'-DDT	<2.1		16.2	22.4		ug/Kg	☼	138	46 - 143
Methoxychlor	<10		16.2	20.6		ug/Kg	☼	127	45 - 144
Endrin ketone	<2.1		16.2	18.4		ug/Kg	☼	114	51 - 135
Endrin aldehyde	<2.1		16.2	13.7		ug/Kg	☼	85	39 - 131
alpha-Chlordane	<2.1		16.2	15.6		ug/Kg	☼	96	52 - 129
gamma-Chlordane	<2.1		16.2	16.0		ug/Kg	☼	99	52 - 132

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*92*		*33 - 148*
Tetrachloro-m-xylene	*81*		*30 - 121*

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 500-268848-1 MSD
Matrix: Solid
Analysis Batch: 819683

Client Sample ID: 5-B12 (1-5)
Prep Type: Total/NA
Prep Batch: 819344

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
alpha-BHC	<2.1		16.0	13.1		ug/Kg	☼	82	50 - 123	16	30
beta-BHC	<2.1		16.0	14.4		ug/Kg	☼	90	44 - 140	14	30
delta-BHC	<2.1		16.0	13.4		ug/Kg	☼	84	57 - 125	13	30
gamma-BHC (Lindane)	<2.1		16.0	13.4		ug/Kg	☼	84	50 - 122	15	30
Heptachlor	<2.1		16.0	15.7		ug/Kg	☼	98	53 - 129	17	30
Aldrin	<2.1		16.0	14.2		ug/Kg	☼	89	52 - 122	14	30
Heptachlor epoxide	<2.1		16.0	15.4		ug/Kg	☼	96	50 - 139	13	30
Endosulfan I	<2.1		16.0	13.4		ug/Kg	☼	84	30 - 120	13	30
Dieldrin	<2.1		16.0	14.3		ug/Kg	☼	89	51 - 133	13	30
4,4'-DDE	<2.1		16.0	14.3		ug/Kg	☼	90	50 - 130	12	30
Endrin	<2.1		16.0	14.7		ug/Kg	☼	92	43 - 144	15	30
Endosulfan II	<2.1		16.0	12.8		ug/Kg	☼	80	30 - 120	16	30
4,4'-DDD	<2.1		16.0	15.5		ug/Kg	☼	97	47 - 137	16	30
Endosulfan sulfate	<2.1		16.0	15.5		ug/Kg	☼	97	42 - 150	20	30
4,4'-DDT	<2.1		16.0	19.0		ug/Kg	☼	119	46 - 143	16	30
Methoxychlor	<10		16.0	17.0		ug/Kg	☼	106	45 - 144	19	30
Endrin ketone	<2.1		16.0	15.4		ug/Kg	☼	96	51 - 135	18	30
Endrin aldehyde	<2.1		16.0	12.1		ug/Kg	☼	76	39 - 131	13	30
alpha-Chlordane	<2.1		16.0	13.7		ug/Kg	☼	86	52 - 129	13	30
gamma-Chlordane	<2.1		16.0	14.3		ug/Kg	☼	89	52 - 132	12	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*81*		*33 - 148*
Tetrachloro-m-xylene	*66*		*30 - 121*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 500-819344/1-A
Matrix: Solid
Analysis Batch: 819495

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.017		0.017	0.0066	mg/Kg		05/28/25 14:20	05/29/25 16:08	1
PCB-1221	<0.017		0.017	0.0066	mg/Kg		05/28/25 14:20	05/29/25 16:08	1
PCB-1232	<0.017		0.017	0.0045	mg/Kg		05/28/25 14:20	05/29/25 16:08	1
PCB-1242	<0.017		0.017	0.0065	mg/Kg		05/28/25 14:20	05/29/25 16:08	1
PCB-1248	<0.017		0.017	0.0079	mg/Kg		05/28/25 14:20	05/29/25 16:08	1
PCB-1254	<0.017		0.017	0.0057	mg/Kg		05/28/25 14:20	05/29/25 16:08	1
PCB-1260	<0.017		0.017	0.0063	mg/Kg		05/28/25 14:20	05/29/25 16:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*74*		*49 - 129*	*05/28/25 14:20*	*05/29/25 16:08*	*1*
DCB Decachlorobiphenyl	*91*		*37 - 121*	*05/28/25 14:20*	*05/29/25 16:08*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 500-819344/1-A
Matrix: Solid
Analysis Batch: 819637

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819344

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.017		0.017	0.0066	mg/Kg		05/28/25 14:20	05/30/25 09:56	1
PCB-1221	<0.017		0.017	0.0066	mg/Kg		05/28/25 14:20	05/30/25 09:56	1
PCB-1232	<0.017		0.017	0.0045	mg/Kg		05/28/25 14:20	05/30/25 09:56	1
PCB-1242	<0.017		0.017	0.0065	mg/Kg		05/28/25 14:20	05/30/25 09:56	1
PCB-1248	<0.017		0.017	0.0079	mg/Kg		05/28/25 14:20	05/30/25 09:56	1
PCB-1254	<0.017		0.017	0.0057	mg/Kg		05/28/25 14:20	05/30/25 09:56	1
PCB-1260	<0.017		0.017	0.0063	mg/Kg		05/28/25 14:20	05/30/25 09:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*83*		*49 - 129*	*05/28/25 14:20*	*05/30/25 09:56*	*1*
DCB Decachlorobiphenyl	*43*		*37 - 121*	*05/28/25 14:20*	*05/30/25 09:56*	*1*

Lab Sample ID: LCS 500-819344/3-A
Matrix: Solid
Analysis Batch: 819495

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819344

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.167	0.138		mg/Kg		83	57 - 120		
PCB-1260			0.167	0.156		mg/Kg		93	61 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*69*		*49 - 129*
DCB Decachlorobiphenyl	*86*		*37 - 121*

Lab Sample ID: LCS 500-819344/3-A
Matrix: Solid
Analysis Batch: 819637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819344

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.167	0.167		mg/Kg		100	57 - 120		
PCB-1260			0.167	0.157		mg/Kg		94	61 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*80*		*49 - 129*
DCB Decachlorobiphenyl	*44*		*37 - 121*

Lab Sample ID: 500-268848-1 MS
Matrix: Solid
Analysis Batch: 819495

Client Sample ID: 5-B12 (1-5)
Prep Type: Total/NA
Prep Batch: 819344

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016	<0.021		0.202	0.140		mg/Kg	☼	69	57 - 120		
PCB-1260	<0.021		0.202	0.166		mg/Kg	☼	82	61 - 125		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*59*		*49 - 129*
DCB Decachlorobiphenyl	*80*		*37 - 121*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 500-268848-1 MSD
Matrix: Solid
Analysis Batch: 819495

Client Sample ID: 5-B12 (1-5)
Prep Type: Total/NA
Prep Batch: 819344

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
PCB-1016	<0.021		0.203	0.154		mg/Kg	☼	76	57 - 120	9	30
PCB-1260	<0.021		0.203	0.187		mg/Kg	☼	92	61 - 125	12	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*57*		*49 - 129*
DCB Decachlorobiphenyl	*85*		*37 - 121*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 500-819172/1-A
Matrix: Solid
Analysis Batch: 819412

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819172

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Barium	<1.0		1.0	0.11	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Beryllium	<0.40		0.40	0.093	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Boron	<5.0		5.0	0.47	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Cadmium	<0.20		0.20	0.036	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Copper	<1.0		1.0	0.28	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Iron	10.8	J	20	10	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Magnesium	13.1		10	5.0	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Manganese	0.181	J	1.0	0.15	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Nickel	<1.0		1.0	0.29	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Arsenic	<1.0		1.0	0.34	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Silver	<0.50		0.50	0.13	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Lead	<0.50		0.50	0.23	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Vanadium	<0.50		0.50	0.12	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Zinc	<2.0		2.0	0.88	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Selenium	<1.0		1.0	0.59	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Chromium	<1.0		1.0	0.50	mg/Kg		05/27/25 18:14	05/28/25 15:48	1
Cobalt	<0.50		0.50	0.13	mg/Kg		05/27/25 18:14	05/28/25 15:48	1

Lab Sample ID: MB 500-819172/1-A
Matrix: Solid
Analysis Batch: 819818

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819172

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<1.0		1.0	0.50	mg/Kg		05/27/25 18:14	05/30/25 18:08	1

Lab Sample ID: LCS 500-819172/2-A
Matrix: Solid
Analysis Batch: 819412

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819172

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	47.6		mg/Kg		95	80 - 120
Barium	200	183		mg/Kg		91	80 - 120
Beryllium	5.00	4.54		mg/Kg		91	80 - 120
Boron	100	87.0		mg/Kg		87	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 500-819172/2-A
Matrix: Solid
Analysis Batch: 819412

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819172

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cadmium	5.00	4.49		mg/Kg		90	80 - 120
Copper	25.0	23.4		mg/Kg		93	80 - 120
Iron	100	98.8		mg/Kg		99	80 - 120
Magnesium	1000	956		mg/Kg		96	80 - 120
Manganese	50.0	45.0		mg/Kg		90	80 - 120
Nickel	50.0	43.6		mg/Kg		87	80 - 120
Arsenic	10.0	9.32		mg/Kg		93	80 - 120
Silver	5.00	4.40		mg/Kg		88	80 - 120
Lead	10.0	9.51		mg/Kg		95	80 - 120
Vanadium	50.0	46.8		mg/Kg		94	80 - 120
Zinc	50.0	40.2		mg/Kg		80	80 - 120
Selenium	10.0	8.88		mg/Kg		89	80 - 120
Chromium	20.0	18.6		mg/Kg		93	80 - 120
Cobalt	50.0	46.3		mg/Kg		93	80 - 120

Lab Sample ID: LCS 500-819172/2-A
Matrix: Solid
Analysis Batch: 819818

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819172

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	10.0	10.2		mg/Kg		102	80 - 120

Lab Sample ID: MB 500-819247/1-A
Matrix: Solid
Analysis Batch: 819411

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819247

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		05/28/25 08:58	05/28/25 20:05	1
Barium	<1.0		1.0	0.11	mg/Kg		05/28/25 08:58	05/28/25 20:05	1
Beryllium	<0.40		0.40	0.093	mg/Kg		05/28/25 08:58	05/28/25 20:05	1
Boron	<5.0		5.0	0.47	mg/Kg		05/28/25 08:58	05/28/25 20:05	1
Cadmium	<0.20		0.20	0.036	mg/Kg		05/28/25 08:58	05/28/25 20:05	1
Copper	<1.0		1.0	0.28	mg/Kg		05/28/25 08:58	05/28/25 20:05	1
Iron	<20		20	10	mg/Kg		05/28/25 08:58	05/28/25 20:05	1
Magnesium	<10		10	5.0	mg/Kg		05/28/25 08:58	05/28/25 20:05	1
Manganese	<1.0		1.0	0.15	mg/Kg		05/28/25 08:58	05/28/25 20:05	1
Nickel	<1.0		1.0	0.29	mg/Kg		05/28/25 08:58	05/28/25 20:05	1
Arsenic	<1.0		1.0	0.34	mg/Kg		05/28/25 08:58	05/28/25 20:05	1
Silver	<0.50		0.50	0.13	mg/Kg		05/28/25 08:58	05/28/25 20:05	1
Lead	<0.50		0.50	0.23	mg/Kg		05/28/25 08:58	05/28/25 20:05	1
Vanadium	<0.50		0.50	0.12	mg/Kg		05/28/25 08:58	05/28/25 20:05	1
Zinc	<2.0		2.0	0.88	mg/Kg		05/28/25 08:58	05/28/25 20:05	1
Selenium	<1.0		1.0	0.59	mg/Kg		05/28/25 08:58	05/28/25 20:05	1
Chromium	<1.0		1.0	0.50	mg/Kg		05/28/25 08:58	05/28/25 20:05	1
Cobalt	<0.50		0.50	0.13	mg/Kg		05/28/25 08:58	05/28/25 20:05	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 500-819247/1-A
Matrix: Solid
Analysis Batch: 819606

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819247

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<1.0		1.0	0.50	mg/Kg		05/28/25 08:58	05/29/25 15:25	1

Lab Sample ID: LCS 500-819247/2-A
Matrix: Solid
Analysis Batch: 819411

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819247

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	47.2		mg/Kg		94	80 - 120
Barium	200	194		mg/Kg		97	80 - 120
Beryllium	5.00	4.27		mg/Kg		85	80 - 120
Boron	100	92.3		mg/Kg		92	80 - 120
Cadmium	5.00	4.67		mg/Kg		93	80 - 120
Copper	25.0	23.3		mg/Kg		93	80 - 120
Iron	100	99.4		mg/Kg		99	80 - 120
Magnesium	1000	979		mg/Kg		98	80 - 120
Manganese	50.0	41.7		mg/Kg		83	80 - 120
Nickel	50.0	51.1		mg/Kg		102	80 - 120
Arsenic	10.0	9.45		mg/Kg		94	80 - 120
Silver	5.00	4.36		mg/Kg		87	80 - 120
Lead	10.0	10.3		mg/Kg		103	80 - 120
Vanadium	50.0	48.6		mg/Kg		97	80 - 120
Zinc	50.0	51.5		mg/Kg		103	80 - 120
Selenium	10.0	8.21		mg/Kg		82	80 - 120
Chromium	20.0	19.9		mg/Kg		100	80 - 120
Cobalt	50.0	49.5		mg/Kg		99	80 - 120

Lab Sample ID: LCS 500-819247/2-A
Matrix: Solid
Analysis Batch: 819606

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819247

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Thallium	10.0	9.57		mg/Kg		96	80 - 120

Lab Sample ID: LCS 500-819323/2-A
Matrix: Solid
Analysis Batch: 819606

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819323

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	1.00	0.944		mg/L		94	80 - 120
Manganese	0.500	0.468		mg/L		94	80 - 120
Lead	0.100	0.100		mg/L		100	80 - 120

Lab Sample ID: MB 500-819352/1-A
Matrix: Solid
Analysis Batch: 819607

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		05/28/25 14:50	05/29/25 10:41	1
Barium	<1.0		1.0	0.11	mg/Kg		05/28/25 14:50	05/29/25 10:41	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 500-819352/1-A
Matrix: Solid
Analysis Batch: 819607

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819352

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.40		0.40	0.093	mg/Kg		05/28/25 14:50	05/29/25 10:41	1
Boron	<5.0		5.0	0.47	mg/Kg		05/28/25 14:50	05/29/25 10:41	1
Cadmium	<0.20		0.20	0.036	mg/Kg		05/28/25 14:50	05/29/25 10:41	1
Copper	<1.0		1.0	0.28	mg/Kg		05/28/25 14:50	05/29/25 10:41	1
Iron	<20		20	10	mg/Kg		05/28/25 14:50	05/29/25 10:41	1
Magnesium	<10		10	5.0	mg/Kg		05/28/25 14:50	05/29/25 10:41	1
Manganese	<1.0		1.0	0.15	mg/Kg		05/28/25 14:50	05/29/25 10:41	1
Nickel	<1.0		1.0	0.29	mg/Kg		05/28/25 14:50	05/29/25 10:41	1
Arsenic	<1.0		1.0	0.34	mg/Kg		05/28/25 14:50	05/29/25 10:41	1
Silver	<0.50		0.50	0.13	mg/Kg		05/28/25 14:50	05/29/25 10:41	1
Thallium	<1.0		1.0	0.50	mg/Kg		05/28/25 14:50	05/29/25 10:41	1
Lead	<0.50		0.50	0.23	mg/Kg		05/28/25 14:50	05/29/25 10:41	1
Vanadium	<0.50		0.50	0.12	mg/Kg		05/28/25 14:50	05/29/25 10:41	1
Zinc	<2.0		2.0	0.88	mg/Kg		05/28/25 14:50	05/29/25 10:41	1
Selenium	<1.0		1.0	0.59	mg/Kg		05/28/25 14:50	05/29/25 10:41	1
Chromium	<1.0		1.0	0.50	mg/Kg		05/28/25 14:50	05/29/25 10:41	1
Cobalt	<0.50		0.50	0.13	mg/Kg		05/28/25 14:50	05/29/25 10:41	1

Lab Sample ID: LCS 500-819352/2-A
Matrix: Solid
Analysis Batch: 819607

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819352

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	50.0	50.5		mg/Kg		101	80 - 120
Barium	200	192		mg/Kg		96	80 - 120
Beryllium	5.00	5.56		mg/Kg		111	80 - 120
Boron	100	97.1		mg/Kg		97	80 - 120
Cadmium	5.00	4.67		mg/Kg		93	80 - 120
Copper	25.0	24.8		mg/Kg		99	80 - 120
Iron	100	101		mg/Kg		101	80 - 120
Magnesium	1000	967		mg/Kg		97	80 - 120
Manganese	50.0	56.1		mg/Kg		112	80 - 120
Nickel	50.0	46.3		mg/Kg		93	80 - 120
Arsenic	10.0	10.0		mg/Kg		100	80 - 120
Silver	5.00	4.36		mg/Kg		87	80 - 120
Thallium	10.0	10.3		mg/Kg		103	80 - 120
Lead	10.0	9.84		mg/Kg		98	80 - 120
Vanadium	50.0	48.8		mg/Kg		98	80 - 120
Zinc	50.0	44.8		mg/Kg		90	80 - 120
Selenium	10.0	9.02		mg/Kg		90	80 - 120
Chromium	20.0	21.1		mg/Kg		106	80 - 120
Cobalt	50.0	47.9		mg/Kg		96	80 - 120

Lab Sample ID: 500-268848-1 MS
Matrix: Solid
Analysis Batch: 819607

Client Sample ID: 5-B12 (1-5)
Prep Type: Total/NA
Prep Batch: 819352

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.47	J F1	61.6	22.8	F1	mg/Kg	☼	36	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 500-268848-1 MS
Matrix: Solid
Analysis Batch: 819607

Client Sample ID: 5-B12 (1-5)
Prep Type: Total/NA
Prep Batch: 819352

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	110		247	321		mg/Kg	☼	84	75 - 125
Beryllium	0.64		6.16	6.46		mg/Kg	☼	94	75 - 125
Boron	7.7		123	108		mg/Kg	☼	81	75 - 125
Cadmium	0.24		6.16	5.08		mg/Kg	☼	79	75 - 125
Copper	37	F1	30.8	59.2	F1	mg/Kg	☼	73	75 - 125
Iron	28000		123	25400	4	mg/Kg	☼	-2163	75 - 125
Magnesium	6000		1230	6960	4	mg/Kg	☼	76	75 - 125
Manganese	900		61.6	935	4	mg/Kg	☼	57	75 - 125
Nickel	34		61.6	88.7		mg/Kg	☼	88	75 - 125
Arsenic	6.6	F1	12.3	16.0		mg/Kg	☼	76	75 - 125
Silver	1.7	F1	6.16	6.26	F1	mg/Kg	☼	74	75 - 125
Thallium	1.8		12.3	13.9		mg/Kg	☼	98	75 - 125
Lead	9.3		12.3	21.1		mg/Kg	☼	96	75 - 125
Zinc	53		61.6	111		mg/Kg	☼	94	75 - 125
Selenium	<1.2	F1	12.3	9.03	F1	mg/Kg	☼	73	75 - 125
Chromium	30		24.7	52.2		mg/Kg	☼	91	75 - 125

Lab Sample ID: 500-268848-1 MS
Matrix: Solid
Analysis Batch: 819817

Client Sample ID: 5-B12 (1-5)
Prep Type: Total/NA
Prep Batch: 819352

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Vanadium	67		61.6	132		mg/Kg	☼	105	75 - 125
Cobalt	15		61.6	77.3		mg/Kg	☼	101	75 - 125

Lab Sample ID: 500-268848-1 MSD
Matrix: Solid
Analysis Batch: 819607

Client Sample ID: 5-B12 (1-5)
Prep Type: Total/NA
Prep Batch: 819352

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.47	J F1	54.0	18.9	F1	mg/Kg	☼	34	75 - 125	19	20
Barium	110		216	292		mg/Kg	☼	82	75 - 125	10	20
Beryllium	0.64		5.40	5.55		mg/Kg	☼	91	75 - 125	15	20
Boron	7.7		108	93.6		mg/Kg	☼	79	75 - 125	14	20
Cadmium	0.24		5.40	4.39		mg/Kg	☼	77	75 - 125	15	20
Copper	37	F1	27.0	52.9	F1	mg/Kg	☼	60	75 - 125	11	20
Iron	28000		108	22000	4	mg/Kg	☼	-5541	75 - 125	14	20
Magnesium	6000		1080	6540	4	mg/Kg	☼	47	75 - 125	6	20
Manganese	900		54.0	920	4	mg/Kg	☼	37	75 - 125	2	20
Nickel	34		54.0	80.2		mg/Kg	☼	85	75 - 125	10	20
Arsenic	6.6	F1	10.8	13.4	F1	mg/Kg	☼	63	75 - 125	18	20
Silver	1.7	F1	5.40	5.60	F1	mg/Kg	☼	72	75 - 125	11	20
Thallium	1.8		10.8	12.3		mg/Kg	☼	98	75 - 125	12	20
Lead	9.3		10.8	19.6		mg/Kg	☼	95	75 - 125	8	20
Zinc	53		54.0	103		mg/Kg	☼	93	75 - 125	7	20
Selenium	<1.2	F1	10.8	8.00	F1	mg/Kg	☼	74	75 - 125	12	20
Chromium	30		21.6	47.3		mg/Kg	☼	81	75 - 125	10	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 500-268848-1 MSD
Matrix: Solid
Analysis Batch: 819817

Client Sample ID: 5-B12 (1-5)
Prep Type: Total/NA
Prep Batch: 819352

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Vanadium	67		54.0	116		mg/Kg	☼	90	75 - 125	13	20
Cobalt	15		54.0	69.6		mg/Kg	☼	101	75 - 125	10	20

Lab Sample ID: 500-268848-1 DU
Matrix: Solid
Analysis Batch: 819607

Client Sample ID: 5-B12 (1-5)
Prep Type: Total/NA
Prep Batch: 819352

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	0.47	J F1	<2.2		mg/Kg	☼	NC	20
Barium	110		113		mg/Kg	☼	1	20
Beryllium	0.64		0.524		mg/Kg	☼	20	20
Boron	7.7		7.87		mg/Kg	☼	2	20
Cadmium	0.24		0.231		mg/Kg	☼	2	20
Copper	37	F1	32.9		mg/Kg	☼	11	20
Iron	28000		23600		mg/Kg	☼	17	20
Magnesium	6000		6300		mg/Kg	☼	4	20
Manganese	900		800		mg/Kg	☼	12	20
Nickel	34		34.0		mg/Kg	☼	1	20
Arsenic	6.6	F1	4.64	F3	mg/Kg	☼	35	20
Silver	1.7	F1	1.52		mg/Kg	☼	11	20
Thallium	1.8		1.72		mg/Kg	☼	3	20
Lead	9.3		8.86		mg/Kg	☼	5	20
Zinc	53		54.3		mg/Kg	☼	2	20
Selenium	<1.2	F1	<1.1		mg/Kg	☼	NC	20
Chromium	30		30.1		mg/Kg	☼	0.7	20

Lab Sample ID: 500-268848-1 DU
Matrix: Solid
Analysis Batch: 819817

Client Sample ID: 5-B12 (1-5)
Prep Type: Total/NA
Prep Batch: 819352

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Vanadium	67		56.4		mg/Kg	☼	18	20
Cobalt	15		14.4		mg/Kg	☼	4	20

Lab Sample ID: LCS 500-819378/2-A
Matrix: Solid
Analysis Batch: 820359

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819378

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	1.00	0.882		mg/L		88	80 - 120
Manganese	0.500	0.440		mg/L		88	80 - 120
Nickel	0.500	0.524		mg/L		105	80 - 120
Arsenic	0.100	0.102		mg/L		102	80 - 120
Lead	0.100	0.102		mg/L		102	80 - 120
Selenium	0.100	0.105		mg/L		105	80 - 120
Chromium	0.200	0.187		mg/L		94	80 - 120
Cobalt	0.500	0.521		mg/L		104	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 500-819530/2-A
Matrix: Solid
Analysis Batch: 820194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819530

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	1.00	0.983		mg/L		98	80 - 120
Manganese	0.500	0.462		mg/L		92	80 - 120
Nickel	0.500	0.489		mg/L		98	80 - 120
Arsenic	0.100	0.0986		mg/L		99	80 - 120
Lead	0.100	0.111		mg/L		111	80 - 120
Selenium	0.100	0.0961		mg/L		96	80 - 120
Chromium	0.200	0.216		mg/L		108	80 - 120
Cobalt	0.500	0.539		mg/L		108	80 - 120

Lab Sample ID: LCS 500-819535/2-A
Matrix: Solid
Analysis Batch: 820194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819535

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	1.00	0.938		mg/L		94	80 - 120
Manganese	0.500	0.456		mg/L		91	80 - 120
Lead	0.100	0.109		mg/L		109	80 - 120

Lab Sample ID: MRL 500-819606/20
Matrix: Solid
Analysis Batch: 819606

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Iron	0.200	<0.20		mg/L		97	70 - 130
Manganese	0.0100	0.0103		mg/L		103	70 - 130
Lead	0.00500	<0.0050		mg/L		99	70 - 130

Lab Sample ID: MRL 500-820359/20
Matrix: Solid
Analysis Batch: 820359

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Iron	0.200	<0.20		mg/L		95	70 - 130
Manganese	0.0100	0.0101		mg/L		101	70 - 130
Nickel	0.0100	0.0102		mg/L		102	70 - 130
Arsenic	0.0100	<0.010		mg/L		98	70 - 130
Lead	0.00500	<0.0050		mg/L		88	70 - 130
Selenium	0.0100	<0.020		mg/L		88	70 - 130
Chromium	0.0100	0.0105		mg/L		105	70 - 130
Cobalt	0.00500	<0.010		mg/L		102	70 - 130

Lab Sample ID: LB 500-819064/1-B
Matrix: Solid
Analysis Batch: 820359

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 819378

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.20		0.20	0.082	mg/L		05/29/25 14:52	06/04/25 19:29	1
Manganese	<0.010		0.010	0.0023	mg/L		05/29/25 14:52	06/04/25 19:29	1
Nickel	<0.010		0.010	0.0048	mg/L		05/29/25 14:52	06/04/25 19:29	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LB 500-819064/1-B
Matrix: Solid
Analysis Batch: 820359

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 819378

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.010		0.010	0.0037	mg/L		05/29/25 14:52	06/04/25 19:29	1
Lead	<0.0050		0.0050	0.0027	mg/L		05/29/25 14:52	06/04/25 19:29	1
Selenium	<0.010		0.010	0.0053	mg/L		05/29/25 14:52	06/04/25 19:29	1
Chromium	0.00284	J	0.010	0.0017	mg/L		05/29/25 14:52	06/04/25 19:29	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		05/29/25 14:52	06/04/25 19:29	1

Lab Sample ID: LB 500-819250/1-B
Matrix: Solid
Analysis Batch: 820194

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 819530

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.20		0.20	0.082	mg/L		05/29/25 14:30	06/03/25 21:54	1
Manganese	<0.010		0.010	0.0023	mg/L		05/29/25 14:30	06/03/25 21:54	1
Nickel	<0.010		0.010	0.0048	mg/L		05/29/25 14:30	06/03/25 21:54	1
Arsenic	<0.010		0.010	0.0037	mg/L		05/29/25 14:30	06/03/25 21:54	1
Lead	<0.0050		0.0050	0.0027	mg/L		05/29/25 14:30	06/03/25 21:54	1
Selenium	<0.010		0.010	0.0053	mg/L		05/29/25 14:30	06/03/25 21:54	1
Chromium	<0.010		0.010	0.0017	mg/L		05/29/25 14:30	06/03/25 21:54	1
Cobalt	<0.0050		0.0050	0.00078	mg/L		05/29/25 14:30	06/03/25 21:54	1

Lab Sample ID: 500-268848-15 MS
Matrix: Solid
Analysis Batch: 820194

Client Sample ID: 5-B18 (5-12)
Prep Type: TCLP
Prep Batch: 819530

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	1.1	F1	1.00	3.11	F1	mg/L		199	75 - 125
Manganese	0.70	F1	0.500	1.61	F1	mg/L		183	75 - 125
Nickel	0.045		0.500	0.615		mg/L		114	75 - 125
Arsenic	0.0049	J	0.100	0.105		mg/L		100	75 - 125
Lead	0.0038	J	0.100	0.119		mg/L		115	75 - 125
Selenium	<0.010		0.100	0.0927		mg/L		93	75 - 125
Chromium	<0.010		0.200	0.215		mg/L		108	75 - 125
Cobalt	0.021		0.500	0.581		mg/L		112	75 - 125

Lab Sample ID: 500-268848-15 DU
Matrix: Solid
Analysis Batch: 820194

Client Sample ID: 5-B18 (5-12)
Prep Type: TCLP
Prep Batch: 819530

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Iron	1.1	F1	1.73	F3	mg/L		42	20
Manganese	0.70	F1	1.08	F3	mg/L		43	20
Nickel	0.045		0.0690	F3	mg/L		43	20
Arsenic	0.0049	J	0.00585	J	mg/L		19	20
Lead	0.0038	J	0.00493	J F5	mg/L		26	20
Selenium	<0.010		0.00606	J	mg/L		NC	20
Chromium	<0.010		<0.010		mg/L		NC	20
Cobalt	0.021		0.0328	F3	mg/L		43	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LB 500-819080/1-B
Matrix: Solid
Analysis Batch: 819606

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 819323

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.20		0.20	0.082	mg/L		05/28/25 13:01	05/30/25 00:44	1
Manganese	<0.010		0.010	0.0023	mg/L		05/28/25 13:01	05/30/25 00:44	1
Lead	<0.0050		0.0050	0.0027	mg/L		05/28/25 13:01	05/30/25 00:44	1

Lab Sample ID: LB 500-819252/1-B
Matrix: Solid
Analysis Batch: 820194

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 819535

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.20		0.20	0.082	mg/L		05/29/25 14:34	06/04/25 00:03	1
Manganese	<0.010		0.010	0.0023	mg/L		05/29/25 14:34	06/04/25 00:03	1
Lead	<0.0050		0.0050	0.0027	mg/L		05/29/25 14:34	06/04/25 00:03	1

Lab Sample ID: 500-268848-15 MS
Matrix: Solid
Analysis Batch: 820194

Client Sample ID: 5-B18 (5-12)
Prep Type: SPLP East
Prep Batch: 819535

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	55		1.00	57.7	4	mg/L		301	75 - 125
Manganese	0.18		0.500	0.628		mg/L		90	75 - 125
Lead	0.041		0.100	0.144		mg/L		103	75 - 125

Lab Sample ID: 500-268848-15 DU
Matrix: Solid
Analysis Batch: 820194

Client Sample ID: 5-B18 (5-12)
Prep Type: SPLP East
Prep Batch: 819535

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Iron	55		42.9	F3	mg/L		24	20
Manganese	0.18		0.131	F3	mg/L		30	20
Lead	0.041		0.0243	F3	mg/L		51	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 500-819378/2-A
Matrix: Solid
Analysis Batch: 820550

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819378

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.501		mg/L		100	80 - 120
Thallium	0.100	0.0930		mg/L		93	80 - 120

Lab Sample ID: LCS 500-819530/2-A
Matrix: Solid
Analysis Batch: 820550

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819530

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.510		mg/L		102	80 - 120
Thallium	0.100	0.0923		mg/L		92	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 500-819535/2-A
Matrix: Solid
Analysis Batch: 820771

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819535

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.487		mg/L		97	80 - 120

Lab Sample ID: LB 500-819064/1-B
Matrix: Solid
Analysis Batch: 820550

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 819378

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		05/29/25 14:52	06/05/25 15:26	1
Thallium	<0.0020		0.0020	0.00057	mg/L		05/29/25 14:52	06/05/25 15:26	1

Lab Sample ID: LB 500-819250/1-B
Matrix: Solid
Analysis Batch: 820550

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 819530

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		05/29/25 14:30	06/05/25 15:40	1
Thallium	<0.0020		0.0020	0.00057	mg/L		05/29/25 14:30	06/05/25 15:40	1

Lab Sample ID: LB 500-819252/1-B
Matrix: Solid
Analysis Batch: 820771

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 819535

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		05/29/25 14:34	06/06/25 16:23	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-820086/12-A
Matrix: Solid
Analysis Batch: 820235

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 820086

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0069	mg/Kg		06/03/25 14:55	06/04/25 08:26	1

Lab Sample ID: LCS 500-820086/13-A
Matrix: Solid
Analysis Batch: 820235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 820086

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.168		mg/Kg		101	80 - 120

Lab Sample ID: 500-268848-12 MS
Matrix: Solid
Analysis Batch: 820235

Client Sample ID: 5-B17 (1-5)
Prep Type: Total/NA
Prep Batch: 820086

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.037		0.0901	0.131		mg/Kg	☼	105	75 - 125

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 500-268848-12 MSD
Matrix: Solid
Analysis Batch: 820235

Client Sample ID: 5-B17 (1-5)
Prep Type: Total/NA
Prep Batch: 820086

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.037		0.0892	0.133		mg/Kg	☼	109	75 - 125	2	20

Lab Sample ID: 500-268848-12 DU
Matrix: Solid
Analysis Batch: 820235

Client Sample ID: 5-B17 (1-5)
Prep Type: Total/NA
Prep Batch: 820086

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.037		0.0261	F5	mg/Kg	☼	33	20

Lab Sample ID: MB 500-820087/12-A
Matrix: Solid
Analysis Batch: 820235

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 820087

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0069	mg/Kg		06/03/25 14:55	06/04/25 09:20	1

Lab Sample ID: LCS 500-820087/13-A
Matrix: Solid
Analysis Batch: 820235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 820087

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.167	0.162		mg/Kg		97	80 - 120

Lab Sample ID: 500-268848-30 MS
Matrix: Solid
Analysis Batch: 820235

Client Sample ID: 5-B25 (5-12)
Prep Type: Total/NA
Prep Batch: 820087

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.039	F1	0.0996	0.156		mg/Kg	☼	118	75 - 125

Lab Sample ID: 500-268848-30 MSD
Matrix: Solid
Analysis Batch: 820235

Client Sample ID: 5-B25 (5-12)
Prep Type: Total/NA
Prep Batch: 820087

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.039	F1	0.0990	0.163	F1	mg/Kg	☼	126	75 - 125	4	20

Lab Sample ID: 500-268848-30 DU
Matrix: Solid
Analysis Batch: 820235

Client Sample ID: 5-B25 (5-12)
Prep Type: Total/NA
Prep Batch: 820087

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.039	F1	0.0511	F5	mg/Kg	☼	28	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 500-819144/1-A
Matrix: Solid
Analysis Batch: 819288

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819144

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		05/27/25 15:17	05/28/25 09:21	1

Lab Sample ID: LCS 500-819144/2-A
Matrix: Solid
Analysis Batch: 819288

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819144

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.18		mg/Kg		91	85 - 115

Lab Sample ID: MB 500-819322/1-A
Matrix: Solid
Analysis Batch: 819387

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819322

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		05/28/25 14:35	05/28/25 17:02	1

Lab Sample ID: LCS 500-819322/2-A
Matrix: Solid
Analysis Batch: 819387

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819322

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.26		mg/Kg		94	85 - 115

Lab Sample ID: 500-268848-2 MS
Matrix: Solid
Analysis Batch: 819387

Client Sample ID: 5-B12 (5-12)
Prep Type: Total/NA
Prep Batch: 819322

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	<0.27		2.95	2.77		mg/Kg	☼	94	75 - 125

Lab Sample ID: 500-268848-2 MSD
Matrix: Solid
Analysis Batch: 819387

Client Sample ID: 5-B12 (5-12)
Prep Type: Total/NA
Prep Batch: 819322

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.27		2.95	2.63		mg/Kg	☼	89	75 - 125	5	20

Lab Sample ID: 500-268848-14 MS
Matrix: Solid
Analysis Batch: 819387

Client Sample ID: 5-B18 (1-5)
Prep Type: Total/NA
Prep Batch: 819322

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	<0.25		2.44	2.10		mg/Kg	☼	86	75 - 125

Lab Sample ID: 500-268848-14 MSD
Matrix: Solid
Analysis Batch: 819387

Client Sample ID: 5-B18 (1-5)
Prep Type: Total/NA
Prep Batch: 819322

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.25		2.64	2.25		mg/Kg	☼	85	75 - 125	7	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 500-819330/1-A
Matrix: Solid
Analysis Batch: 819387

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819330

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		05/28/25 14:47	05/28/25 17:26	1

Lab Sample ID: LCS 500-819330/2-A
Matrix: Solid
Analysis Batch: 819387

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819330

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total			2.40	2.09		mg/Kg		87	85 - 115		

Lab Sample ID: 500-268848-26 MS
Matrix: Solid
Analysis Batch: 819387

Client Sample ID: 5-B23 (5-12)
Prep Type: Total/NA
Prep Batch: 819330

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cyanide, Total	<0.31		3.01	2.68		mg/Kg	☼	89	75 - 125		

Lab Sample ID: 500-268848-26 MSD
Matrix: Solid
Analysis Batch: 819387

Client Sample ID: 5-B23 (5-12)
Prep Type: Total/NA
Prep Batch: 819330

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	<0.31		3.15	2.83		mg/Kg	☼	90	75 - 125	5	20

Method: 9045D - pH

Lab Sample ID: 500-268848-19 DU
Matrix: Solid
Analysis Batch: 819195

Client Sample ID: 5-B20 (1-5)D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.5			7.4		SU				0.9	5

Client: Terracon Consulting Eng & Scientists
Job ID: 500-268848-1
Project/Site: Bend Boulevard, East Moline, IL

GC/MS VOA

Analysis Batch: 819601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	Total/NA	Solid	8260D	819648
500-268848-3	5-B13 (1-5)	Total/NA	Solid	8260D	819648
500-268848-4	5-B13 (5-12)	Total/NA	Solid	8260D	819648
500-268848-5	5-B14 (1-5)	Total/NA	Solid	8260D	819648
500-268848-6	5-B14 (5-8)	Total/NA	Solid	8260D	819648
500-268848-7	5-B15 (1-5)	Total/NA	Solid	8260D	819648
500-268848-8	5-B15 (1-5)D	Total/NA	Solid	8260D	819648
500-268848-9	5-B15 (5-12)	Total/NA	Solid	8260D	819648
500-268848-10	5-B16 (1-5)	Total/NA	Solid	8260D	819648
500-268848-11	5-B16 (5-9)	Total/NA	Solid	8260D	819648
500-268848-12	5-B17 (1-5)	Total/NA	Solid	8260D	819648
500-268848-14	5-B18 (1-5)	Total/NA	Solid	8260D	819648
500-268848-15	5-B18 (5-12)	Total/NA	Solid	8260D	819648
500-268848-16	5-B19 (1-5)	Total/NA	Solid	8260D	819648
500-268848-17	5-B19 (5-12)	Total/NA	Solid	8260D	819648
500-268848-18	5-B20 (1-5)	Total/NA	Solid	8260D	819648
500-268848-19	5-B20 (1-5)D	Total/NA	Solid	8260D	819648
MB 500-819601/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-819601/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-819601/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 819648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	Total/NA	Solid	5035	
500-268848-2	5-B12 (5-12)	Total/NA	Solid	5035	
500-268848-3	5-B13 (1-5)	Total/NA	Solid	5035	
500-268848-4	5-B13 (5-12)	Total/NA	Solid	5035	
500-268848-5	5-B14 (1-5)	Total/NA	Solid	5035	
500-268848-6	5-B14 (5-8)	Total/NA	Solid	5035	
500-268848-7	5-B15 (1-5)	Total/NA	Solid	5035	
500-268848-8	5-B15 (1-5)D	Total/NA	Solid	5035	
500-268848-9	5-B15 (5-12)	Total/NA	Solid	5035	
500-268848-10	5-B16 (1-5)	Total/NA	Solid	5035	
500-268848-11	5-B16 (5-9)	Total/NA	Solid	5035	
500-268848-12	5-B17 (1-5)	Total/NA	Solid	5035	
500-268848-13	5-B17 (5-12)	Total/NA	Solid	5035	
500-268848-14	5-B18 (1-5)	Total/NA	Solid	5035	
500-268848-15	5-B18 (5-12)	Total/NA	Solid	5035	
500-268848-16	5-B19 (1-5)	Total/NA	Solid	5035	
500-268848-17	5-B19 (5-12)	Total/NA	Solid	5035	
500-268848-18	5-B20 (1-5)	Total/NA	Solid	5035	
500-268848-19	5-B20 (1-5)D	Total/NA	Solid	5035	
500-268848-20	5-B20 (5-12)	Total/NA	Solid	5035	
500-268848-21	5-B21 (1-5)	Total/NA	Solid	5035	
500-268848-22	5-B21 (5-12)	Total/NA	Solid	5035	
500-268848-23	5-B22 (1-5)	Total/NA	Solid	5035	
500-268848-24	5-B22 (5-12)	Total/NA	Solid	5035	
500-268848-25	5-B23 (1-5)	Total/NA	Solid	5035	
500-268848-26	5-B23 (5-12)	Total/NA	Solid	5035	
500-268848-27	5-B24 (1-5)	Total/NA	Solid	5035	
500-268848-28	5-B24 (5-12)	Total/NA	Solid	5035	

GC/MS VOA (Continued)

Prep Batch: 819648 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-29	5-B25 (1-5)	Total/NA	Solid	5035	
500-268848-30	5-B25 (5-12)	Total/NA	Solid	5035	
500-268848-31	5-B25 (5-12)D	Total/NA	Solid	5035	
500-268848-32	5-B26 (1-5)	Total/NA	Solid	5035	
500-268848-33	5-B26 (5-12)	Total/NA	Solid	5035	

Analysis Batch: 819819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-20	5-B20 (5-12)	Total/NA	Solid	8260D	819648
500-268848-22	5-B21 (5-12)	Total/NA	Solid	8260D	819648
500-268848-23	5-B22 (1-5)	Total/NA	Solid	8260D	819648
500-268848-24	5-B22 (5-12)	Total/NA	Solid	8260D	819648
500-268848-25	5-B23 (1-5)	Total/NA	Solid	8260D	819648
500-268848-26	5-B23 (5-12)	Total/NA	Solid	8260D	819648
500-268848-27	5-B24 (1-5)	Total/NA	Solid	8260D	819648
500-268848-28	5-B24 (5-12)	Total/NA	Solid	8260D	819648
500-268848-29	5-B25 (1-5)	Total/NA	Solid	8260D	819648
500-268848-32	5-B26 (1-5)	Total/NA	Solid	8260D	819648
500-268848-33	5-B26 (5-12)	Total/NA	Solid	8260D	819648
MB 500-819819/8	Method Blank	Total/NA	Solid	8260D	
LCS 500-819819/5	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-819819/6	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 820035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-2	5-B12 (5-12)	Total/NA	Solid	8260D	819648
500-268848-13	5-B17 (5-12)	Total/NA	Solid	8260D	819648
500-268848-21	5-B21 (1-5)	Total/NA	Solid	8260D	819648
500-268848-30	5-B25 (5-12)	Total/NA	Solid	8260D	819648
500-268848-31	5-B25 (5-12)D	Total/NA	Solid	8260D	819648
MB 500-820035/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-820035/5	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-820035/8	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 819208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-21	5-B21 (1-5)	Total/NA	Solid	3546	
500-268848-22	5-B21 (5-12)	Total/NA	Solid	3546	
500-268848-23	5-B22 (1-5)	Total/NA	Solid	3546	
500-268848-24	5-B22 (5-12)	Total/NA	Solid	3546	
500-268848-25	5-B23 (1-5)	Total/NA	Solid	3546	
500-268848-26	5-B23 (5-12)	Total/NA	Solid	3546	
500-268848-27	5-B24 (1-5)	Total/NA	Solid	3546	
500-268848-27 - DL	5-B24 (1-5)	Total/NA	Solid	3546	
500-268848-28	5-B24 (5-12)	Total/NA	Solid	3546	
500-268848-29	5-B25 (1-5)	Total/NA	Solid	3546	
500-268848-30	5-B25 (5-12)	Total/NA	Solid	3546	
500-268848-31	5-B25 (5-12)D	Total/NA	Solid	3546	
500-268848-32	5-B26 (1-5)	Total/NA	Solid	3546	

GC/MS Semi VOA (Continued)

Prep Batch: 819208 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-33	5-B26 (5-12)	Total/NA	Solid	3546	
MB 500-819208/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-819208/2-A	Lab Control Sample	Total/NA	Solid	3546	
500-268848-21 MS	5-B21 (1-5)	Total/NA	Solid	3546	
500-268848-21 MSD	5-B21 (1-5)	Total/NA	Solid	3546	

Prep Batch: 819401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	Total/NA	Solid	3546	
500-268848-2	5-B12 (5-12)	Total/NA	Solid	3546	
500-268848-3	5-B13 (1-5)	Total/NA	Solid	3546	
500-268848-4	5-B13 (5-12)	Total/NA	Solid	3546	
500-268848-5	5-B14 (1-5)	Total/NA	Solid	3546	
500-268848-6	5-B14 (5-8)	Total/NA	Solid	3546	
500-268848-7	5-B15 (1-5)	Total/NA	Solid	3546	
500-268848-8	5-B15 (1-5)D	Total/NA	Solid	3546	
500-268848-9	5-B15 (5-12)	Total/NA	Solid	3546	
500-268848-10	5-B16 (1-5)	Total/NA	Solid	3546	
500-268848-11	5-B16 (5-9)	Total/NA	Solid	3546	
500-268848-12	5-B17 (1-5)	Total/NA	Solid	3546	
500-268848-13	5-B17 (5-12)	Total/NA	Solid	3546	
500-268848-14	5-B18 (1-5)	Total/NA	Solid	3546	
500-268848-15	5-B18 (5-12)	Total/NA	Solid	3546	
500-268848-16	5-B19 (1-5)	Total/NA	Solid	3546	
500-268848-17	5-B19 (5-12)	Total/NA	Solid	3546	
500-268848-18	5-B20 (1-5)	Total/NA	Solid	3546	
500-268848-19	5-B20 (1-5)D	Total/NA	Solid	3546	
500-268848-20	5-B20 (5-12)	Total/NA	Solid	3546	
MB 500-819401/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-819401/2-A	Lab Control Sample	Total/NA	Solid	3546	
500-268848-1 MS	5-B12 (1-5)	Total/NA	Solid	3546	
500-268848-1 MSD	5-B12 (1-5)	Total/NA	Solid	3546	

Analysis Batch: 819416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-21	5-B21 (1-5)	Total/NA	Solid	8270E	819208
500-268848-22	5-B21 (5-12)	Total/NA	Solid	8270E	819208
500-268848-23	5-B22 (1-5)	Total/NA	Solid	8270E	819208
500-268848-24	5-B22 (5-12)	Total/NA	Solid	8270E	819208
500-268848-25	5-B23 (1-5)	Total/NA	Solid	8270E	819208
500-268848-26	5-B23 (5-12)	Total/NA	Solid	8270E	819208
500-268848-27	5-B24 (1-5)	Total/NA	Solid	8270E	819208
500-268848-28	5-B24 (5-12)	Total/NA	Solid	8270E	819208
500-268848-29	5-B25 (1-5)	Total/NA	Solid	8270E	819208
500-268848-30	5-B25 (5-12)	Total/NA	Solid	8270E	819208
500-268848-31	5-B25 (5-12)D	Total/NA	Solid	8270E	819208
500-268848-32	5-B26 (1-5)	Total/NA	Solid	8270E	819208
500-268848-33	5-B26 (5-12)	Total/NA	Solid	8270E	819208
MB 500-819208/1-A	Method Blank	Total/NA	Solid	8270E	819208
LCS 500-819208/2-A	Lab Control Sample	Total/NA	Solid	8270E	819208
500-268848-21 MS	5-B21 (1-5)	Total/NA	Solid	8270E	819208

GC/MS Semi VOA (Continued)

Analysis Batch: 819416 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-21 MSD	5-B21 (1-5)	Total/NA	Solid	8270E	819208

Analysis Batch: 819422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	Total/NA	Solid	8270E	819401
500-268848-2	5-B12 (5-12)	Total/NA	Solid	8270E	819401
500-268848-3	5-B13 (1-5)	Total/NA	Solid	8270E	819401
500-268848-4	5-B13 (5-12)	Total/NA	Solid	8270E	819401
500-268848-5	5-B14 (1-5)	Total/NA	Solid	8270E	819401
500-268848-6	5-B14 (5-8)	Total/NA	Solid	8270E	819401
500-268848-7	5-B15 (1-5)	Total/NA	Solid	8270E	819401
500-268848-8	5-B15 (1-5)D	Total/NA	Solid	8270E	819401
500-268848-9	5-B15 (5-12)	Total/NA	Solid	8270E	819401
500-268848-10	5-B16 (1-5)	Total/NA	Solid	8270E	819401
500-268848-11	5-B16 (5-9)	Total/NA	Solid	8270E	819401
500-268848-12	5-B17 (1-5)	Total/NA	Solid	8270E	819401
500-268848-13	5-B17 (5-12)	Total/NA	Solid	8270E	819401
500-268848-14	5-B18 (1-5)	Total/NA	Solid	8270E	819401
500-268848-15	5-B18 (5-12)	Total/NA	Solid	8270E	819401
500-268848-16	5-B19 (1-5)	Total/NA	Solid	8270E	819401
500-268848-17	5-B19 (5-12)	Total/NA	Solid	8270E	819401
500-268848-18	5-B20 (1-5)	Total/NA	Solid	8270E	819401
500-268848-19	5-B20 (1-5)D	Total/NA	Solid	8270E	819401
500-268848-20	5-B20 (5-12)	Total/NA	Solid	8270E	819401
MB 500-819401/1-A	Method Blank	Total/NA	Solid	8270E	819401
LCS 500-819401/2-A	Lab Control Sample	Total/NA	Solid	8270E	819401
500-268848-1 MS	5-B12 (1-5)	Total/NA	Solid	8270E	819401
500-268848-1 MSD	5-B12 (1-5)	Total/NA	Solid	8270E	819401

Analysis Batch: 819623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-27 - DL	5-B24 (1-5)	Total/NA	Solid	8270E	819208

GC Semi VOA

Prep Batch: 819344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	Total/NA	Solid	3541	
500-268848-3	5-B13 (1-5)	Total/NA	Solid	3541	
500-268848-5	5-B14 (1-5)	Total/NA	Solid	3541	
500-268848-7	5-B15 (1-5)	Total/NA	Solid	3541	
500-268848-8	5-B15 (1-5)D	Total/NA	Solid	3541	
500-268848-10	5-B16 (1-5)	Total/NA	Solid	3541	
500-268848-12	5-B17 (1-5)	Total/NA	Solid	3541	
500-268848-14	5-B18 (1-5)	Total/NA	Solid	3541	
500-268848-16	5-B19 (1-5)	Total/NA	Solid	3541	
500-268848-18	5-B20 (1-5)	Total/NA	Solid	3541	
500-268848-19	5-B20 (1-5)D	Total/NA	Solid	3541	
500-268848-21	5-B21 (1-5)	Total/NA	Solid	3541	
500-268848-23	5-B22 (1-5)	Total/NA	Solid	3541	
500-268848-25	5-B23 (1-5)	Total/NA	Solid	3541	

GC Semi VOA (Continued)

Prep Batch: 819344 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-27	5-B24 (1-5)	Total/NA	Solid	3541	
500-268848-29	5-B25 (1-5)	Total/NA	Solid	3541	
500-268848-32	5-B26 (1-5)	Total/NA	Solid	3541	
MB 500-819344/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-819344/2-A	Lab Control Sample	Total/NA	Solid	3541	
LCS 500-819344/3-A	Lab Control Sample	Total/NA	Solid	3541	
500-268848-1 MS	5-B12 (1-5)	Total/NA	Solid	3541	
500-268848-1 MS	5-B12 (1-5)	Total/NA	Solid	3541	
500-268848-1 MSD	5-B12 (1-5)	Total/NA	Solid	3541	
500-268848-1 MSD	5-B12 (1-5)	Total/NA	Solid	3541	

Analysis Batch: 819495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	Total/NA	Solid	8082A	819344
500-268848-3	5-B13 (1-5)	Total/NA	Solid	8082A	819344
500-268848-5	5-B14 (1-5)	Total/NA	Solid	8082A	819344
500-268848-7	5-B15 (1-5)	Total/NA	Solid	8082A	819344
500-268848-8	5-B15 (1-5)D	Total/NA	Solid	8082A	819344
500-268848-18	5-B20 (1-5)	Total/NA	Solid	8082A	819344
500-268848-32	5-B26 (1-5)	Total/NA	Solid	8082A	819344
MB 500-819344/1-A	Method Blank	Total/NA	Solid	8082A	819344
LCS 500-819344/3-A	Lab Control Sample	Total/NA	Solid	8082A	819344
500-268848-1 MS	5-B12 (1-5)	Total/NA	Solid	8082A	819344
500-268848-1 MSD	5-B12 (1-5)	Total/NA	Solid	8082A	819344

Analysis Batch: 819637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-10	5-B16 (1-5)	Total/NA	Solid	8082A	819344
500-268848-12	5-B17 (1-5)	Total/NA	Solid	8082A	819344
500-268848-14	5-B18 (1-5)	Total/NA	Solid	8082A	819344
500-268848-16	5-B19 (1-5)	Total/NA	Solid	8082A	819344
500-268848-19	5-B20 (1-5)D	Total/NA	Solid	8082A	819344
500-268848-21	5-B21 (1-5)	Total/NA	Solid	8082A	819344
500-268848-23	5-B22 (1-5)	Total/NA	Solid	8082A	819344
500-268848-25	5-B23 (1-5)	Total/NA	Solid	8082A	819344
500-268848-27	5-B24 (1-5)	Total/NA	Solid	8082A	819344
500-268848-29	5-B25 (1-5)	Total/NA	Solid	8082A	819344
MB 500-819344/1-A	Method Blank	Total/NA	Solid	8082A	819344
LCS 500-819344/3-A	Lab Control Sample	Total/NA	Solid	8082A	819344

Analysis Batch: 819683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	Total/NA	Solid	8081B	819344
500-268848-3	5-B13 (1-5)	Total/NA	Solid	8081B	819344
500-268848-5	5-B14 (1-5)	Total/NA	Solid	8081B	819344
500-268848-7	5-B15 (1-5)	Total/NA	Solid	8081B	819344
500-268848-8	5-B15 (1-5)D	Total/NA	Solid	8081B	819344
500-268848-18	5-B20 (1-5)	Total/NA	Solid	8081B	819344
500-268848-27	5-B24 (1-5)	Total/NA	Solid	8081B	819344
MB 500-819344/1-A	Method Blank	Total/NA	Solid	8081B	819344
LCS 500-819344/2-A	Lab Control Sample	Total/NA	Solid	8081B	819344

GC Semi VOA (Continued)

Analysis Batch: 819683 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1 MS	5-B12 (1-5)	Total/NA	Solid	8081B	819344
500-268848-1 MSD	5-B12 (1-5)	Total/NA	Solid	8081B	819344

Analysis Batch: 819902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-10	5-B16 (1-5)	Total/NA	Solid	8081B	819344
500-268848-10	5-B16 (1-5)	Total/NA	Solid	8081B	819344
500-268848-12	5-B17 (1-5)	Total/NA	Solid	8081B	819344
500-268848-12	5-B17 (1-5)	Total/NA	Solid	8081B	819344
500-268848-14	5-B18 (1-5)	Total/NA	Solid	8081B	819344
500-268848-14	5-B18 (1-5)	Total/NA	Solid	8081B	819344
500-268848-16	5-B19 (1-5)	Total/NA	Solid	8081B	819344
500-268848-16	5-B19 (1-5)	Total/NA	Solid	8081B	819344
500-268848-19	5-B20 (1-5)D	Total/NA	Solid	8081B	819344
500-268848-19	5-B20 (1-5)D	Total/NA	Solid	8081B	819344
500-268848-21	5-B21 (1-5)	Total/NA	Solid	8081B	819344
500-268848-21	5-B21 (1-5)	Total/NA	Solid	8081B	819344
500-268848-23	5-B22 (1-5)	Total/NA	Solid	8081B	819344
500-268848-23	5-B22 (1-5)	Total/NA	Solid	8081B	819344
500-268848-25	5-B23 (1-5)	Total/NA	Solid	8081B	819344
500-268848-25	5-B23 (1-5)	Total/NA	Solid	8081B	819344
500-268848-29	5-B25 (1-5)	Total/NA	Solid	8081B	819344
500-268848-29	5-B25 (1-5)	Total/NA	Solid	8081B	819344
500-268848-32	5-B26 (1-5)	Total/NA	Solid	8081B	819344
500-268848-32	5-B26 (1-5)	Total/NA	Solid	8081B	819344
MB 500-819344/1-A	Method Blank	Total/NA	Solid	8081B	819344
LCS 500-819344/2-A	Lab Control Sample	Total/NA	Solid	8081B	819344

Metals

Leach Batch: 819064

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	TCLP	Solid	1311	
500-268848-2	5-B12 (5-12)	TCLP	Solid	1311	
500-268848-3	5-B13 (1-5)	TCLP	Solid	1311	
500-268848-4	5-B13 (5-12)	TCLP	Solid	1311	
500-268848-5	5-B14 (1-5)	TCLP	Solid	1311	
500-268848-6	5-B14 (5-8)	TCLP	Solid	1311	
500-268848-7	5-B15 (1-5)	TCLP	Solid	1311	
500-268848-8	5-B15 (1-5)D	TCLP	Solid	1311	
500-268848-9	5-B15 (5-12)	TCLP	Solid	1311	
500-268848-10	5-B16 (1-5)	TCLP	Solid	1311	
500-268848-11	5-B16 (5-9)	TCLP	Solid	1311	
500-268848-12	5-B17 (1-5)	TCLP	Solid	1311	
500-268848-13	5-B17 (5-12)	TCLP	Solid	1311	
500-268848-14	5-B18 (1-5)	TCLP	Solid	1311	
LB 500-819064/1-B	Method Blank	TCLP	Solid	1311	

Leach Batch: 819080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-3	5-B13 (1-5)	SPLP East	Solid	1312	

Metals (Continued)

Leach Batch: 819080 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-4	5-B13 (5-12)	SPLP East	Solid	1312	
500-268848-7	5-B15 (1-5)	SPLP East	Solid	1312	
500-268848-8	5-B15 (1-5)D	SPLP East	Solid	1312	
500-268848-9	5-B15 (5-12)	SPLP East	Solid	1312	
500-268848-10	5-B16 (1-5)	SPLP East	Solid	1312	
500-268848-11	5-B16 (5-9)	SPLP East	Solid	1312	
500-268848-12	5-B17 (1-5)	SPLP East	Solid	1312	
500-268848-13	5-B17 (5-12)	SPLP East	Solid	1312	
500-268848-14	5-B18 (1-5)	SPLP East	Solid	1312	
LB 500-819080/1-B	Method Blank	SPLP East	Solid	1312	

Prep Batch: 819172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-11	5-B16 (5-9)	Total/NA	Solid	3050B	
MB 500-819172/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-819172/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 819247

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-21	5-B21 (1-5)	Total/NA	Solid	3050B	
500-268848-22	5-B21 (5-12)	Total/NA	Solid	3050B	
500-268848-23	5-B22 (1-5)	Total/NA	Solid	3050B	
500-268848-24	5-B22 (5-12)	Total/NA	Solid	3050B	
500-268848-25	5-B23 (1-5)	Total/NA	Solid	3050B	
500-268848-26	5-B23 (5-12)	Total/NA	Solid	3050B	
500-268848-27	5-B24 (1-5)	Total/NA	Solid	3050B	
500-268848-28	5-B24 (5-12)	Total/NA	Solid	3050B	
500-268848-29	5-B25 (1-5)	Total/NA	Solid	3050B	
500-268848-30	5-B25 (5-12)	Total/NA	Solid	3050B	
500-268848-31	5-B25 (5-12)D	Total/NA	Solid	3050B	
500-268848-32	5-B26 (1-5)	Total/NA	Solid	3050B	
500-268848-33	5-B26 (5-12)	Total/NA	Solid	3050B	
MB 500-819247/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-819247/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Leach Batch: 819250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-15	5-B18 (5-12)	TCLP	Solid	1311	
500-268848-16	5-B19 (1-5)	TCLP	Solid	1311	
500-268848-17	5-B19 (5-12)	TCLP	Solid	1311	
500-268848-18	5-B20 (1-5)	TCLP	Solid	1311	
500-268848-19	5-B20 (1-5)D	TCLP	Solid	1311	
500-268848-20	5-B20 (5-12)	TCLP	Solid	1311	
500-268848-21	5-B21 (1-5)	TCLP	Solid	1311	
500-268848-22	5-B21 (5-12)	TCLP	Solid	1311	
500-268848-23	5-B22 (1-5)	TCLP	Solid	1311	
500-268848-24	5-B22 (5-12)	TCLP	Solid	1311	
500-268848-25	5-B23 (1-5)	TCLP	Solid	1311	
500-268848-26	5-B23 (5-12)	TCLP	Solid	1311	
500-268848-27	5-B24 (1-5)	TCLP	Solid	1311	
500-268848-28	5-B24 (5-12)	TCLP	Solid	1311	

Metals (Continued)

Leach Batch: 819250 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-29	5-B25 (1-5)	TCLP	Solid	1311	
500-268848-30	5-B25 (5-12)	TCLP	Solid	1311	
500-268848-31	5-B25 (5-12)D	TCLP	Solid	1311	
500-268848-32	5-B26 (1-5)	TCLP	Solid	1311	
500-268848-33	5-B26 (5-12)	TCLP	Solid	1311	
LB 500-819250/1-B	Method Blank	TCLP	Solid	1311	
500-268848-15 MS	5-B18 (5-12)	TCLP	Solid	1311	
500-268848-15 DU	5-B18 (5-12)	TCLP	Solid	1311	

Leach Batch: 819252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-15	5-B18 (5-12)	SPLP East	Solid	1312	
500-268848-16	5-B19 (1-5)	SPLP East	Solid	1312	
500-268848-17	5-B19 (5-12)	SPLP East	Solid	1312	
500-268848-18	5-B20 (1-5)	SPLP East	Solid	1312	
500-268848-19	5-B20 (1-5)D	SPLP East	Solid	1312	
500-268848-20	5-B20 (5-12)	SPLP East	Solid	1312	
500-268848-21	5-B21 (1-5)	SPLP East	Solid	1312	
500-268848-22	5-B21 (5-12)	SPLP East	Solid	1312	
500-268848-23	5-B22 (1-5)	SPLP East	Solid	1312	
500-268848-24	5-B22 (5-12)	SPLP East	Solid	1312	
500-268848-25	5-B23 (1-5)	SPLP East	Solid	1312	
500-268848-26	5-B23 (5-12)	SPLP East	Solid	1312	
500-268848-27	5-B24 (1-5)	SPLP East	Solid	1312	
500-268848-28	5-B24 (5-12)	SPLP East	Solid	1312	
500-268848-29	5-B25 (1-5)	SPLP East	Solid	1312	
500-268848-30	5-B25 (5-12)	SPLP East	Solid	1312	
500-268848-31	5-B25 (5-12)D	SPLP East	Solid	1312	
500-268848-33	5-B26 (5-12)	SPLP East	Solid	1312	
LB 500-819252/1-B	Method Blank	SPLP East	Solid	1312	
500-268848-15 MS	5-B18 (5-12)	SPLP East	Solid	1312	
500-268848-15 DU	5-B18 (5-12)	SPLP East	Solid	1312	

Prep Batch: 819323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-3	5-B13 (1-5)	SPLP East	Solid	3010A	819080
500-268848-4	5-B13 (5-12)	SPLP East	Solid	3010A	819080
500-268848-7	5-B15 (1-5)	SPLP East	Solid	3010A	819080
500-268848-8	5-B15 (1-5)D	SPLP East	Solid	3010A	819080
500-268848-9	5-B15 (5-12)	SPLP East	Solid	3010A	819080
500-268848-10	5-B16 (1-5)	SPLP East	Solid	3010A	819080
500-268848-11	5-B16 (5-9)	SPLP East	Solid	3010A	819080
500-268848-12	5-B17 (1-5)	SPLP East	Solid	3010A	819080
500-268848-13	5-B17 (5-12)	SPLP East	Solid	3010A	819080
500-268848-14	5-B18 (1-5)	SPLP East	Solid	3010A	819080
LB 500-819080/1-B	Method Blank	SPLP East	Solid	3010A	819080
LCS 500-819323/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Prep Batch: 819352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	Total/NA	Solid	3050B	

Metals (Continued)

Prep Batch: 819352 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-2	5-B12 (5-12)	Total/NA	Solid	3050B	
500-268848-3	5-B13 (1-5)	Total/NA	Solid	3050B	
500-268848-4	5-B13 (5-12)	Total/NA	Solid	3050B	
500-268848-5	5-B14 (1-5)	Total/NA	Solid	3050B	
500-268848-6	5-B14 (5-8)	Total/NA	Solid	3050B	
500-268848-7	5-B15 (1-5)	Total/NA	Solid	3050B	
500-268848-8	5-B15 (1-5)D	Total/NA	Solid	3050B	
500-268848-9	5-B15 (5-12)	Total/NA	Solid	3050B	
500-268848-10	5-B16 (1-5)	Total/NA	Solid	3050B	
500-268848-12	5-B17 (1-5)	Total/NA	Solid	3050B	
500-268848-13	5-B17 (5-12)	Total/NA	Solid	3050B	
500-268848-14	5-B18 (1-5)	Total/NA	Solid	3050B	
500-268848-15	5-B18 (5-12)	Total/NA	Solid	3050B	
500-268848-16	5-B19 (1-5)	Total/NA	Solid	3050B	
500-268848-17	5-B19 (5-12)	Total/NA	Solid	3050B	
500-268848-18	5-B20 (1-5)	Total/NA	Solid	3050B	
500-268848-19	5-B20 (1-5)D	Total/NA	Solid	3050B	
500-268848-20	5-B20 (5-12)	Total/NA	Solid	3050B	
MB 500-819352/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-819352/2-A	Lab Control Sample	Total/NA	Solid	3050B	
500-268848-1 MS	5-B12 (1-5)	Total/NA	Solid	3050B	
500-268848-1 MSD	5-B12 (1-5)	Total/NA	Solid	3050B	
500-268848-1 DU	5-B12 (1-5)	Total/NA	Solid	3050B	

Prep Batch: 819378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	TCLP	Solid	3010A	819064
500-268848-2	5-B12 (5-12)	TCLP	Solid	3010A	819064
500-268848-3	5-B13 (1-5)	TCLP	Solid	3010A	819064
500-268848-4	5-B13 (5-12)	TCLP	Solid	3010A	819064
500-268848-5	5-B14 (1-5)	TCLP	Solid	3010A	819064
500-268848-6	5-B14 (5-8)	TCLP	Solid	3010A	819064
500-268848-7	5-B15 (1-5)	TCLP	Solid	3010A	819064
500-268848-8	5-B15 (1-5)D	TCLP	Solid	3010A	819064
500-268848-9	5-B15 (5-12)	TCLP	Solid	3010A	819064
500-268848-10	5-B16 (1-5)	TCLP	Solid	3010A	819064
500-268848-11	5-B16 (5-9)	TCLP	Solid	3010A	819064
500-268848-12	5-B17 (1-5)	TCLP	Solid	3010A	819064
500-268848-13	5-B17 (5-12)	TCLP	Solid	3010A	819064
500-268848-14	5-B18 (1-5)	TCLP	Solid	3010A	819064
LB 500-819064/1-B	Method Blank	TCLP	Solid	3010A	819064
LCS 500-819378/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 819411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-21	5-B21 (1-5)	Total/NA	Solid	6010D	819247
500-268848-22	5-B21 (5-12)	Total/NA	Solid	6010D	819247
500-268848-23	5-B22 (1-5)	Total/NA	Solid	6010D	819247
500-268848-24	5-B22 (5-12)	Total/NA	Solid	6010D	819247
500-268848-25	5-B23 (1-5)	Total/NA	Solid	6010D	819247
500-268848-26	5-B23 (5-12)	Total/NA	Solid	6010D	819247

Metals (Continued)

Analysis Batch: 819411 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-27	5-B24 (1-5)	Total/NA	Solid	6010D	819247
500-268848-28	5-B24 (5-12)	Total/NA	Solid	6010D	819247
500-268848-29	5-B25 (1-5)	Total/NA	Solid	6010D	819247
500-268848-30	5-B25 (5-12)	Total/NA	Solid	6010D	819247
500-268848-31	5-B25 (5-12)D	Total/NA	Solid	6010D	819247
500-268848-32	5-B26 (1-5)	Total/NA	Solid	6010D	819247
500-268848-33	5-B26 (5-12)	Total/NA	Solid	6010D	819247
MB 500-819247/1-A	Method Blank	Total/NA	Solid	6010D	819247
LCS 500-819247/2-A	Lab Control Sample	Total/NA	Solid	6010D	819247

Analysis Batch: 819412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-11	5-B16 (5-9)	Total/NA	Solid	6010D	819172
MB 500-819172/1-A	Method Blank	Total/NA	Solid	6010D	819172
LCS 500-819172/2-A	Lab Control Sample	Total/NA	Solid	6010D	819172

Prep Batch: 819530

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-15	5-B18 (5-12)	TCLP	Solid	3010A	819250
500-268848-16	5-B19 (1-5)	TCLP	Solid	3010A	819250
500-268848-17	5-B19 (5-12)	TCLP	Solid	3010A	819250
500-268848-18	5-B20 (1-5)	TCLP	Solid	3010A	819250
500-268848-19	5-B20 (1-5)D	TCLP	Solid	3010A	819250
500-268848-20	5-B20 (5-12)	TCLP	Solid	3010A	819250
500-268848-21	5-B21 (1-5)	TCLP	Solid	3010A	819250
500-268848-22	5-B21 (5-12)	TCLP	Solid	3010A	819250
500-268848-23	5-B22 (1-5)	TCLP	Solid	3010A	819250
500-268848-24	5-B22 (5-12)	TCLP	Solid	3010A	819250
500-268848-25	5-B23 (1-5)	TCLP	Solid	3010A	819250
500-268848-26	5-B23 (5-12)	TCLP	Solid	3010A	819250
500-268848-27	5-B24 (1-5)	TCLP	Solid	3010A	819250
500-268848-28	5-B24 (5-12)	TCLP	Solid	3010A	819250
500-268848-29	5-B25 (1-5)	TCLP	Solid	3010A	819250
500-268848-30	5-B25 (5-12)	TCLP	Solid	3010A	819250
500-268848-31	5-B25 (5-12)D	TCLP	Solid	3010A	819250
500-268848-32	5-B26 (1-5)	TCLP	Solid	3010A	819250
500-268848-33	5-B26 (5-12)	TCLP	Solid	3010A	819250
LB 500-819250/1-B	Method Blank	TCLP	Solid	3010A	819250
LCS 500-819530/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-268848-15 MS	5-B18 (5-12)	TCLP	Solid	3010A	819250
500-268848-15 DU	5-B18 (5-12)	TCLP	Solid	3010A	819250

Prep Batch: 819535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-15	5-B18 (5-12)	SPLP East	Solid	3010A	819252
500-268848-16	5-B19 (1-5)	SPLP East	Solid	3010A	819252
500-268848-17	5-B19 (5-12)	SPLP East	Solid	3010A	819252
500-268848-18	5-B20 (1-5)	SPLP East	Solid	3010A	819252
500-268848-19	5-B20 (1-5)D	SPLP East	Solid	3010A	819252
500-268848-20	5-B20 (5-12)	SPLP East	Solid	3010A	819252
500-268848-21	5-B21 (1-5)	SPLP East	Solid	3010A	819252

Metals (Continued)

Prep Batch: 819535 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-22	5-B21 (5-12)	SPLP East	Solid	3010A	819252
500-268848-23	5-B22 (1-5)	SPLP East	Solid	3010A	819252
500-268848-24	5-B22 (5-12)	SPLP East	Solid	3010A	819252
500-268848-25	5-B23 (1-5)	SPLP East	Solid	3010A	819252
500-268848-26	5-B23 (5-12)	SPLP East	Solid	3010A	819252
500-268848-27	5-B24 (1-5)	SPLP East	Solid	3010A	819252
500-268848-27	5-B24 (1-5)	SPLP East	Solid	3010A	819252
500-268848-28	5-B24 (5-12)	SPLP East	Solid	3010A	819252
500-268848-29	5-B25 (1-5)	SPLP East	Solid	3010A	819252
500-268848-30	5-B25 (5-12)	SPLP East	Solid	3010A	819252
500-268848-31	5-B25 (5-12)D	SPLP East	Solid	3010A	819252
500-268848-33	5-B26 (5-12)	SPLP East	Solid	3010A	819252
LB 500-819252/1-B	Method Blank	SPLP East	Solid	3010A	819252
LCS 500-819535/2-A	Lab Control Sample	Total/NA	Solid	3010A	
500-268848-15 MS	5-B18 (5-12)	SPLP East	Solid	3010A	819252
500-268848-15 DU	5-B18 (5-12)	SPLP East	Solid	3010A	819252

Analysis Batch: 819606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-3	5-B13 (1-5)	SPLP East	Solid	6010D	819323
500-268848-4	5-B13 (5-12)	SPLP East	Solid	6010D	819323
500-268848-7	5-B15 (1-5)	SPLP East	Solid	6010D	819323
500-268848-8	5-B15 (1-5)D	SPLP East	Solid	6010D	819323
500-268848-9	5-B15 (5-12)	SPLP East	Solid	6010D	819323
500-268848-10	5-B16 (1-5)	SPLP East	Solid	6010D	819323
500-268848-11	5-B16 (5-9)	SPLP East	Solid	6010D	819323
500-268848-12	5-B17 (1-5)	SPLP East	Solid	6010D	819323
500-268848-13	5-B17 (5-12)	SPLP East	Solid	6010D	819323
500-268848-14	5-B18 (1-5)	SPLP East	Solid	6010D	819323
500-268848-21	5-B21 (1-5)	Total/NA	Solid	6010D	819247
500-268848-21	5-B21 (1-5)	Total/NA	Solid	6010D	819247
500-268848-22	5-B21 (5-12)	Total/NA	Solid	6010D	819247
500-268848-23	5-B22 (1-5)	Total/NA	Solid	6010D	819247
500-268848-23	5-B22 (1-5)	Total/NA	Solid	6010D	819247
500-268848-24	5-B22 (5-12)	Total/NA	Solid	6010D	819247
500-268848-25	5-B23 (1-5)	Total/NA	Solid	6010D	819247
500-268848-25	5-B23 (1-5)	Total/NA	Solid	6010D	819247
500-268848-26	5-B23 (5-12)	Total/NA	Solid	6010D	819247
500-268848-27	5-B24 (1-5)	Total/NA	Solid	6010D	819247
500-268848-27	5-B24 (1-5)	Total/NA	Solid	6010D	819247
500-268848-28	5-B24 (5-12)	Total/NA	Solid	6010D	819247
500-268848-29	5-B25 (1-5)	Total/NA	Solid	6010D	819247
500-268848-29	5-B25 (1-5)	Total/NA	Solid	6010D	819247
500-268848-30	5-B25 (5-12)	Total/NA	Solid	6010D	819247
500-268848-31	5-B25 (5-12)D	Total/NA	Solid	6010D	819247
500-268848-32	5-B26 (1-5)	Total/NA	Solid	6010D	819247
500-268848-32	5-B26 (1-5)	Total/NA	Solid	6010D	819247
500-268848-33	5-B26 (5-12)	Total/NA	Solid	6010D	819247
500-268848-33	5-B26 (5-12)	Total/NA	Solid	6010D	819247
LB 500-819080/1-B	Method Blank	SPLP East	Solid	6010D	819323
MB 500-819247/1-A	Method Blank	Total/NA	Solid	6010D	819247

Metals (Continued)

Analysis Batch: 819606 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-819247/2-A	Lab Control Sample	Total/NA	Solid	6010D	819247
LCS 500-819323/2-A	Lab Control Sample	Total/NA	Solid	6010D	819323
MRL 500-819606/20	Lab Control Sample	Total/NA	Solid	6010D	

Analysis Batch: 819607

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	Total/NA	Solid	6010D	819352
500-268848-2	5-B12 (5-12)	Total/NA	Solid	6010D	819352
500-268848-3	5-B13 (1-5)	Total/NA	Solid	6010D	819352
500-268848-4	5-B13 (5-12)	Total/NA	Solid	6010D	819352
500-268848-5	5-B14 (1-5)	Total/NA	Solid	6010D	819352
500-268848-6	5-B14 (5-8)	Total/NA	Solid	6010D	819352
500-268848-7	5-B15 (1-5)	Total/NA	Solid	6010D	819352
500-268848-8	5-B15 (1-5)D	Total/NA	Solid	6010D	819352
500-268848-9	5-B15 (5-12)	Total/NA	Solid	6010D	819352
500-268848-10	5-B16 (1-5)	Total/NA	Solid	6010D	819352
500-268848-12	5-B17 (1-5)	Total/NA	Solid	6010D	819352
500-268848-13	5-B17 (5-12)	Total/NA	Solid	6010D	819352
500-268848-14	5-B18 (1-5)	Total/NA	Solid	6010D	819352
500-268848-15	5-B18 (5-12)	Total/NA	Solid	6010D	819352
500-268848-16	5-B19 (1-5)	Total/NA	Solid	6010D	819352
500-268848-17	5-B19 (5-12)	Total/NA	Solid	6010D	819352
500-268848-18	5-B20 (1-5)	Total/NA	Solid	6010D	819352
500-268848-19	5-B20 (1-5)D	Total/NA	Solid	6010D	819352
500-268848-20	5-B20 (5-12)	Total/NA	Solid	6010D	819352
MB 500-819352/1-A	Method Blank	Total/NA	Solid	6010D	819352
LCS 500-819352/2-A	Lab Control Sample	Total/NA	Solid	6010D	819352
500-268848-1 MS	5-B12 (1-5)	Total/NA	Solid	6010D	819352
500-268848-1 MSD	5-B12 (1-5)	Total/NA	Solid	6010D	819352
500-268848-1 DU	5-B12 (1-5)	Total/NA	Solid	6010D	819352

Analysis Batch: 819817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	Total/NA	Solid	6010D	819352
500-268848-2	5-B12 (5-12)	Total/NA	Solid	6010D	819352
500-268848-4	5-B13 (5-12)	Total/NA	Solid	6010D	819352
500-268848-5	5-B14 (1-5)	Total/NA	Solid	6010D	819352
500-268848-16	5-B19 (1-5)	Total/NA	Solid	6010D	819352
500-268848-19	5-B20 (1-5)D	Total/NA	Solid	6010D	819352
500-268848-1 MS	5-B12 (1-5)	Total/NA	Solid	6010D	819352
500-268848-1 MSD	5-B12 (1-5)	Total/NA	Solid	6010D	819352
500-268848-1 DU	5-B12 (1-5)	Total/NA	Solid	6010D	819352

Analysis Batch: 819818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-11	5-B16 (5-9)	Total/NA	Solid	6010D	819172
MB 500-819172/1-A	Method Blank	Total/NA	Solid	6010D	819172
LCS 500-819172/2-A	Lab Control Sample	Total/NA	Solid	6010D	819172

Metals

Prep Batch: 820086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	Total/NA	Solid	7471B	
500-268848-2	5-B12 (5-12)	Total/NA	Solid	7471B	
500-268848-3	5-B13 (1-5)	Total/NA	Solid	7471B	
500-268848-4	5-B13 (5-12)	Total/NA	Solid	7471B	
500-268848-5	5-B14 (1-5)	Total/NA	Solid	7471B	
500-268848-6	5-B14 (5-8)	Total/NA	Solid	7471B	
500-268848-7	5-B15 (1-5)	Total/NA	Solid	7471B	
500-268848-8	5-B15 (1-5)D	Total/NA	Solid	7471B	
500-268848-9	5-B15 (5-12)	Total/NA	Solid	7471B	
500-268848-10	5-B16 (1-5)	Total/NA	Solid	7471B	
500-268848-11	5-B16 (5-9)	Total/NA	Solid	7471B	
500-268848-12	5-B17 (1-5)	Total/NA	Solid	7471B	
500-268848-13	5-B17 (5-12)	Total/NA	Solid	7471B	
500-268848-14	5-B18 (1-5)	Total/NA	Solid	7471B	
500-268848-15	5-B18 (5-12)	Total/NA	Solid	7471B	
500-268848-16	5-B19 (1-5)	Total/NA	Solid	7471B	
500-268848-17	5-B19 (5-12)	Total/NA	Solid	7471B	
500-268848-18	5-B20 (1-5)	Total/NA	Solid	7471B	
500-268848-19	5-B20 (1-5)D	Total/NA	Solid	7471B	
500-268848-20	5-B20 (5-12)	Total/NA	Solid	7471B	
MB 500-820086/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-820086/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-268848-12 MS	5-B17 (1-5)	Total/NA	Solid	7471B	
500-268848-12 MSD	5-B17 (1-5)	Total/NA	Solid	7471B	
500-268848-12 DU	5-B17 (1-5)	Total/NA	Solid	7471B	

Prep Batch: 820087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-21	5-B21 (1-5)	Total/NA	Solid	7471B	
500-268848-22	5-B21 (5-12)	Total/NA	Solid	7471B	
500-268848-23	5-B22 (1-5)	Total/NA	Solid	7471B	
500-268848-24	5-B22 (5-12)	Total/NA	Solid	7471B	
500-268848-25	5-B23 (1-5)	Total/NA	Solid	7471B	
500-268848-26	5-B23 (5-12)	Total/NA	Solid	7471B	
500-268848-27	5-B24 (1-5)	Total/NA	Solid	7471B	
500-268848-28	5-B24 (5-12)	Total/NA	Solid	7471B	
500-268848-29	5-B25 (1-5)	Total/NA	Solid	7471B	
500-268848-30	5-B25 (5-12)	Total/NA	Solid	7471B	
500-268848-31	5-B25 (5-12)D	Total/NA	Solid	7471B	
500-268848-32	5-B26 (1-5)	Total/NA	Solid	7471B	
500-268848-33	5-B26 (5-12)	Total/NA	Solid	7471B	
MB 500-820087/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-820087/13-A	Lab Control Sample	Total/NA	Solid	7471B	
500-268848-30 MS	5-B25 (5-12)	Total/NA	Solid	7471B	
500-268848-30 MSD	5-B25 (5-12)	Total/NA	Solid	7471B	
500-268848-30 DU	5-B25 (5-12)	Total/NA	Solid	7471B	

Analysis Batch: 820194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-15	5-B18 (5-12)	SPLP East	Solid	6010D	819535
500-268848-15	5-B18 (5-12)	TCLP	Solid	6010D	819530

Metals (Continued)

Analysis Batch: 820194 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-16	5-B19 (1-5)	SPLP East	Solid	6010D	819535
500-268848-16	5-B19 (1-5)	TCLP	Solid	6010D	819530
500-268848-17	5-B19 (5-12)	SPLP East	Solid	6010D	819535
500-268848-17	5-B19 (5-12)	TCLP	Solid	6010D	819530
500-268848-18	5-B20 (1-5)	SPLP East	Solid	6010D	819535
500-268848-18	5-B20 (1-5)	TCLP	Solid	6010D	819530
500-268848-19	5-B20 (1-5)D	SPLP East	Solid	6010D	819535
500-268848-19	5-B20 (1-5)D	TCLP	Solid	6010D	819530
500-268848-20	5-B20 (5-12)	SPLP East	Solid	6010D	819535
500-268848-20	5-B20 (5-12)	TCLP	Solid	6010D	819530
500-268848-21	5-B21 (1-5)	SPLP East	Solid	6010D	819535
500-268848-21	5-B21 (1-5)	TCLP	Solid	6010D	819530
500-268848-22	5-B21 (5-12)	SPLP East	Solid	6010D	819535
500-268848-22	5-B21 (5-12)	TCLP	Solid	6010D	819530
500-268848-23	5-B22 (1-5)	SPLP East	Solid	6010D	819535
500-268848-23	5-B22 (1-5)	TCLP	Solid	6010D	819530
500-268848-24	5-B22 (5-12)	SPLP East	Solid	6010D	819535
500-268848-24	5-B22 (5-12)	TCLP	Solid	6010D	819530
500-268848-25	5-B23 (1-5)	SPLP East	Solid	6010D	819535
500-268848-25	5-B23 (1-5)	TCLP	Solid	6010D	819530
500-268848-26	5-B23 (5-12)	TCLP	Solid	6010D	819530
500-268848-27	5-B24 (1-5)	SPLP East	Solid	6010D	819535
500-268848-27	5-B24 (1-5)	TCLP	Solid	6010D	819530
500-268848-28	5-B24 (5-12)	TCLP	Solid	6010D	819530
500-268848-29	5-B25 (1-5)	TCLP	Solid	6010D	819530
500-268848-30	5-B25 (5-12)	TCLP	Solid	6010D	819530
500-268848-31	5-B25 (5-12)D	TCLP	Solid	6010D	819530
500-268848-32	5-B26 (1-5)	TCLP	Solid	6010D	819530
500-268848-33	5-B26 (5-12)	TCLP	Solid	6010D	819530
LB 500-819250/1-B	Method Blank	TCLP	Solid	6010D	819530
LB 500-819252/1-B	Method Blank	SPLP East	Solid	6010D	819535
LCS 500-819530/2-A	Lab Control Sample	Total/NA	Solid	6010D	819530
LCS 500-819535/2-A	Lab Control Sample	Total/NA	Solid	6010D	819535
500-268848-15 MS	5-B18 (5-12)	SPLP East	Solid	6010D	819535
500-268848-15 MS	5-B18 (5-12)	TCLP	Solid	6010D	819530
500-268848-15 DU	5-B18 (5-12)	SPLP East	Solid	6010D	819535
500-268848-15 DU	5-B18 (5-12)	TCLP	Solid	6010D	819530

Analysis Batch: 820235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	Total/NA	Solid	7471B	820086
500-268848-2	5-B12 (5-12)	Total/NA	Solid	7471B	820086
500-268848-3	5-B13 (1-5)	Total/NA	Solid	7471B	820086
500-268848-4	5-B13 (5-12)	Total/NA	Solid	7471B	820086
500-268848-5	5-B14 (1-5)	Total/NA	Solid	7471B	820086
500-268848-6	5-B14 (5-8)	Total/NA	Solid	7471B	820086
500-268848-7	5-B15 (1-5)	Total/NA	Solid	7471B	820086
500-268848-8	5-B15 (1-5)D	Total/NA	Solid	7471B	820086
500-268848-9	5-B15 (5-12)	Total/NA	Solid	7471B	820086
500-268848-10	5-B16 (1-5)	Total/NA	Solid	7471B	820086
500-268848-11	5-B16 (5-9)	Total/NA	Solid	7471B	820086

Metals (Continued)

Analysis Batch: 820235 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-12	5-B17 (1-5)	Total/NA	Solid	7471B	820086
500-268848-13	5-B17 (5-12)	Total/NA	Solid	7471B	820086
500-268848-14	5-B18 (1-5)	Total/NA	Solid	7471B	820086
500-268848-15	5-B18 (5-12)	Total/NA	Solid	7471B	820086
500-268848-16	5-B19 (1-5)	Total/NA	Solid	7471B	820086
500-268848-17	5-B19 (5-12)	Total/NA	Solid	7471B	820086
500-268848-18	5-B20 (1-5)	Total/NA	Solid	7471B	820086
500-268848-19	5-B20 (1-5)D	Total/NA	Solid	7471B	820086
500-268848-20	5-B20 (5-12)	Total/NA	Solid	7471B	820086
500-268848-21	5-B21 (1-5)	Total/NA	Solid	7471B	820087
500-268848-22	5-B21 (5-12)	Total/NA	Solid	7471B	820087
500-268848-23	5-B22 (1-5)	Total/NA	Solid	7471B	820087
500-268848-24	5-B22 (5-12)	Total/NA	Solid	7471B	820087
500-268848-25	5-B23 (1-5)	Total/NA	Solid	7471B	820087
500-268848-26	5-B23 (5-12)	Total/NA	Solid	7471B	820087
500-268848-27	5-B24 (1-5)	Total/NA	Solid	7471B	820087
500-268848-28	5-B24 (5-12)	Total/NA	Solid	7471B	820087
500-268848-29	5-B25 (1-5)	Total/NA	Solid	7471B	820087
500-268848-30	5-B25 (5-12)	Total/NA	Solid	7471B	820087
500-268848-31	5-B25 (5-12)D	Total/NA	Solid	7471B	820087
500-268848-32	5-B26 (1-5)	Total/NA	Solid	7471B	820087
500-268848-33	5-B26 (5-12)	Total/NA	Solid	7471B	820087
MB 500-820086/12-A	Method Blank	Total/NA	Solid	7471B	820086
MB 500-820087/12-A	Method Blank	Total/NA	Solid	7471B	820087
LCS 500-820086/13-A	Lab Control Sample	Total/NA	Solid	7471B	820086
LCS 500-820087/13-A	Lab Control Sample	Total/NA	Solid	7471B	820087
500-268848-12 MS	5-B17 (1-5)	Total/NA	Solid	7471B	820086
500-268848-12 MSD	5-B17 (1-5)	Total/NA	Solid	7471B	820086
500-268848-30 MS	5-B25 (5-12)	Total/NA	Solid	7471B	820087
500-268848-30 MSD	5-B25 (5-12)	Total/NA	Solid	7471B	820087
500-268848-12 DU	5-B17 (1-5)	Total/NA	Solid	7471B	820086
500-268848-30 DU	5-B25 (5-12)	Total/NA	Solid	7471B	820087

Analysis Batch: 820359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	TCLP	Solid	6010D	819378
500-268848-2	5-B12 (5-12)	TCLP	Solid	6010D	819378
500-268848-3	5-B13 (1-5)	TCLP	Solid	6010D	819378
500-268848-4	5-B13 (5-12)	TCLP	Solid	6010D	819378
500-268848-5	5-B14 (1-5)	TCLP	Solid	6010D	819378
500-268848-6	5-B14 (5-8)	TCLP	Solid	6010D	819378
500-268848-7	5-B15 (1-5)	TCLP	Solid	6010D	819378
500-268848-8	5-B15 (1-5)D	TCLP	Solid	6010D	819378
500-268848-9	5-B15 (5-12)	TCLP	Solid	6010D	819378
500-268848-10	5-B16 (1-5)	TCLP	Solid	6010D	819378
500-268848-11	5-B16 (5-9)	TCLP	Solid	6010D	819378
500-268848-12	5-B17 (1-5)	TCLP	Solid	6010D	819378
500-268848-13	5-B17 (5-12)	TCLP	Solid	6010D	819378
500-268848-14	5-B18 (1-5)	TCLP	Solid	6010D	819378
500-268848-25	5-B23 (1-5)	SPLP East	Solid	6010D	819535
500-268848-26	5-B23 (5-12)	SPLP East	Solid	6010D	819535

Metals (Continued)

Analysis Batch: 820359 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-27	5-B24 (1-5)	SPLP East	Solid	6010D	819535
500-268848-28	5-B24 (5-12)	SPLP East	Solid	6010D	819535
500-268848-29	5-B25 (1-5)	SPLP East	Solid	6010D	819535
500-268848-30	5-B25 (5-12)	SPLP East	Solid	6010D	819535
500-268848-31	5-B25 (5-12)D	SPLP East	Solid	6010D	819535
500-268848-33	5-B26 (5-12)	SPLP East	Solid	6010D	819535
LB 500-819064/1-B	Method Blank	TCLP	Solid	6010D	819378
LCS 500-819378/2-A	Lab Control Sample	Total/NA	Solid	6010D	819378
MRL 500-820359/20	Lab Control Sample	Total/NA	Solid	6010D	

Analysis Batch: 820550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-6	5-B14 (5-8)	TCLP	Solid	6020B	819378
500-268848-23	5-B22 (1-5)	TCLP	Solid	6020B	819530
500-268848-25	5-B23 (1-5)	TCLP	Solid	6020B	819530
500-268848-27	5-B24 (1-5)	TCLP	Solid	6020B	819530
500-268848-29	5-B25 (1-5)	TCLP	Solid	6020B	819530
500-268848-32	5-B26 (1-5)	TCLP	Solid	6020B	819530
LB 500-819064/1-B	Method Blank	TCLP	Solid	6020B	819378
LB 500-819250/1-B	Method Blank	TCLP	Solid	6020B	819530
LCS 500-819378/2-A	Lab Control Sample	Total/NA	Solid	6020B	819378
LCS 500-819530/2-A	Lab Control Sample	Total/NA	Solid	6020B	819530

Analysis Batch: 820771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-27	5-B24 (1-5)	SPLP East	Solid	6020B	819535
LB 500-819252/1-B	Method Blank	SPLP East	Solid	6020B	819535
LCS 500-819535/2-A	Lab Control Sample	Total/NA	Solid	6020B	819535

General Chemistry

Analysis Batch: 819081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-15	5-B18 (5-12)	Total/NA	Solid	Moisture	
500-268848-16	5-B19 (1-5)	Total/NA	Solid	Moisture	
500-268848-17	5-B19 (5-12)	Total/NA	Solid	Moisture	
500-268848-18	5-B20 (1-5)	Total/NA	Solid	Moisture	
500-268848-19	5-B20 (1-5)D	Total/NA	Solid	Moisture	
500-268848-20	5-B20 (5-12)	Total/NA	Solid	Moisture	
500-268848-21	5-B21 (1-5)	Total/NA	Solid	Moisture	
500-268848-22	5-B21 (5-12)	Total/NA	Solid	Moisture	
500-268848-23	5-B22 (1-5)	Total/NA	Solid	Moisture	
500-268848-24	5-B22 (5-12)	Total/NA	Solid	Moisture	
500-268848-25	5-B23 (1-5)	Total/NA	Solid	Moisture	
500-268848-26	5-B23 (5-12)	Total/NA	Solid	Moisture	
500-268848-27	5-B24 (1-5)	Total/NA	Solid	Moisture	
500-268848-28	5-B24 (5-12)	Total/NA	Solid	Moisture	
500-268848-29	5-B25 (1-5)	Total/NA	Solid	Moisture	
500-268848-30	5-B25 (5-12)	Total/NA	Solid	Moisture	
500-268848-31	5-B25 (5-12)D	Total/NA	Solid	Moisture	
500-268848-32	5-B26 (1-5)	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 819081 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-33	5-B26 (5-12)	Total/NA	Solid	Moisture	

Analysis Batch: 819088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	Total/NA	Solid	Moisture	
500-268848-2	5-B12 (5-12)	Total/NA	Solid	Moisture	
500-268848-3	5-B13 (1-5)	Total/NA	Solid	Moisture	
500-268848-4	5-B13 (5-12)	Total/NA	Solid	Moisture	
500-268848-5	5-B14 (1-5)	Total/NA	Solid	Moisture	
500-268848-6	5-B14 (5-8)	Total/NA	Solid	Moisture	
500-268848-7	5-B15 (1-5)	Total/NA	Solid	Moisture	
500-268848-8	5-B15 (1-5)D	Total/NA	Solid	Moisture	
500-268848-9	5-B15 (5-12)	Total/NA	Solid	Moisture	
500-268848-10	5-B16 (1-5)	Total/NA	Solid	Moisture	
500-268848-11	5-B16 (5-9)	Total/NA	Solid	Moisture	
500-268848-12	5-B17 (1-5)	Total/NA	Solid	Moisture	
500-268848-13	5-B17 (5-12)	Total/NA	Solid	Moisture	
500-268848-14	5-B18 (1-5)	Total/NA	Solid	Moisture	
500-268848-1 DU	5-B12 (1-5)	Total/NA	Solid	Moisture	

Prep Batch: 819144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-20	5-B20 (5-12)	Total/NA	Solid	9010C	
500-268848-21	5-B21 (1-5)	Total/NA	Solid	9010C	
500-268848-22	5-B21 (5-12)	Total/NA	Solid	9010C	
500-268848-23	5-B22 (1-5)	Total/NA	Solid	9010C	
500-268848-24	5-B22 (5-12)	Total/NA	Solid	9010C	
MB 500-819144/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-819144/2-A	Lab Control Sample	Total/NA	Solid	9010C	

Analysis Batch: 819195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	Total/NA	Solid	9045D	
500-268848-2	5-B12 (5-12)	Total/NA	Solid	9045D	
500-268848-3	5-B13 (1-5)	Total/NA	Solid	9045D	
500-268848-4	5-B13 (5-12)	Total/NA	Solid	9045D	
500-268848-5	5-B14 (1-5)	Total/NA	Solid	9045D	
500-268848-6	5-B14 (5-8)	Total/NA	Solid	9045D	
500-268848-7	5-B15 (1-5)	Total/NA	Solid	9045D	
500-268848-8	5-B15 (1-5)D	Total/NA	Solid	9045D	
500-268848-9	5-B15 (5-12)	Total/NA	Solid	9045D	
500-268848-10	5-B16 (1-5)	Total/NA	Solid	9045D	
500-268848-11	5-B16 (5-9)	Total/NA	Solid	9045D	
500-268848-12	5-B17 (1-5)	Total/NA	Solid	9045D	
500-268848-13	5-B17 (5-12)	Total/NA	Solid	9045D	
500-268848-14	5-B18 (1-5)	Total/NA	Solid	9045D	
500-268848-15	5-B18 (5-12)	Total/NA	Solid	9045D	
500-268848-16	5-B19 (1-5)	Total/NA	Solid	9045D	
500-268848-17	5-B19 (5-12)	Total/NA	Solid	9045D	
500-268848-18	5-B20 (1-5)	Total/NA	Solid	9045D	
500-268848-19	5-B20 (1-5)D	Total/NA	Solid	9045D	

General Chemistry (Continued)

Analysis Batch: 819195 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-20	5-B20 (5-12)	Total/NA	Solid	9045D	
500-268848-21	5-B21 (1-5)	Total/NA	Solid	9045D	
500-268848-22	5-B21 (5-12)	Total/NA	Solid	9045D	
500-268848-23	5-B22 (1-5)	Total/NA	Solid	9045D	
500-268848-24	5-B22 (5-12)	Total/NA	Solid	9045D	
500-268848-25	5-B23 (1-5)	Total/NA	Solid	9045D	
500-268848-26	5-B23 (5-12)	Total/NA	Solid	9045D	
500-268848-27	5-B24 (1-5)	Total/NA	Solid	9045D	
500-268848-28	5-B24 (5-12)	Total/NA	Solid	9045D	
500-268848-29	5-B25 (1-5)	Total/NA	Solid	9045D	
500-268848-30	5-B25 (5-12)	Total/NA	Solid	9045D	
500-268848-31	5-B25 (5-12)D	Total/NA	Solid	9045D	
500-268848-32	5-B26 (1-5)	Total/NA	Solid	9045D	
500-268848-33	5-B26 (5-12)	Total/NA	Solid	9045D	
LCS 500-819195/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-819195/3	Lab Control Sample Dup	Total/NA	Solid	9045D	
500-268848-19 DU	5-B20 (1-5)D	Total/NA	Solid	9045D	

Analysis Batch: 819288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-20	5-B20 (5-12)	Total/NA	Solid	9012B	819144
500-268848-21	5-B21 (1-5)	Total/NA	Solid	9012B	819144
500-268848-22	5-B21 (5-12)	Total/NA	Solid	9012B	819144
500-268848-23	5-B22 (1-5)	Total/NA	Solid	9012B	819144
500-268848-24	5-B22 (5-12)	Total/NA	Solid	9012B	819144
MB 500-819144/1-A	Method Blank	Total/NA	Solid	9012B	819144
LCS 500-819144/2-A	Lab Control Sample	Total/NA	Solid	9012B	819144

Prep Batch: 819322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	Total/NA	Solid	9010C	
500-268848-2	5-B12 (5-12)	Total/NA	Solid	9010C	
500-268848-3	5-B13 (1-5)	Total/NA	Solid	9010C	
500-268848-4	5-B13 (5-12)	Total/NA	Solid	9010C	
500-268848-5	5-B14 (1-5)	Total/NA	Solid	9010C	
500-268848-6	5-B14 (5-8)	Total/NA	Solid	9010C	
500-268848-7	5-B15 (1-5)	Total/NA	Solid	9010C	
500-268848-8	5-B15 (1-5)D	Total/NA	Solid	9010C	
500-268848-9	5-B15 (5-12)	Total/NA	Solid	9010C	
500-268848-10	5-B16 (1-5)	Total/NA	Solid	9010C	
500-268848-11	5-B16 (5-9)	Total/NA	Solid	9010C	
500-268848-12	5-B17 (1-5)	Total/NA	Solid	9010C	
500-268848-13	5-B17 (5-12)	Total/NA	Solid	9010C	
500-268848-14	5-B18 (1-5)	Total/NA	Solid	9010C	
500-268848-15	5-B18 (5-12)	Total/NA	Solid	9010C	
500-268848-16	5-B19 (1-5)	Total/NA	Solid	9010C	
500-268848-17	5-B19 (5-12)	Total/NA	Solid	9010C	
500-268848-18	5-B20 (1-5)	Total/NA	Solid	9010C	
500-268848-19	5-B20 (1-5)D	Total/NA	Solid	9010C	
500-268848-25	5-B23 (1-5)	Total/NA	Solid	9010C	
MB 500-819322/1-A	Method Blank	Total/NA	Solid	9010C	

General Chemistry (Continued)

Prep Batch: 819322 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-819322/2-A	Lab Control Sample	Total/NA	Solid	9010C	
500-268848-2 MS	5-B12 (5-12)	Total/NA	Solid	9010C	
500-268848-2 MSD	5-B12 (5-12)	Total/NA	Solid	9010C	
500-268848-14 MS	5-B18 (1-5)	Total/NA	Solid	9010C	
500-268848-14 MSD	5-B18 (1-5)	Total/NA	Solid	9010C	

Prep Batch: 819330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-26	5-B23 (5-12)	Total/NA	Solid	9010C	
500-268848-27	5-B24 (1-5)	Total/NA	Solid	9010C	
500-268848-28	5-B24 (5-12)	Total/NA	Solid	9010C	
500-268848-29	5-B25 (1-5)	Total/NA	Solid	9010C	
500-268848-30	5-B25 (5-12)	Total/NA	Solid	9010C	
500-268848-31	5-B25 (5-12)D	Total/NA	Solid	9010C	
500-268848-32	5-B26 (1-5)	Total/NA	Solid	9010C	
500-268848-33	5-B26 (5-12)	Total/NA	Solid	9010C	
MB 500-819330/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-819330/2-A	Lab Control Sample	Total/NA	Solid	9010C	
500-268848-26 MS	5-B23 (5-12)	Total/NA	Solid	9010C	
500-268848-26 MSD	5-B23 (5-12)	Total/NA	Solid	9010C	

Analysis Batch: 819387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268848-1	5-B12 (1-5)	Total/NA	Solid	9012B	819322
500-268848-2	5-B12 (5-12)	Total/NA	Solid	9012B	819322
500-268848-3	5-B13 (1-5)	Total/NA	Solid	9012B	819322
500-268848-4	5-B13 (5-12)	Total/NA	Solid	9012B	819322
500-268848-5	5-B14 (1-5)	Total/NA	Solid	9012B	819322
500-268848-6	5-B14 (5-8)	Total/NA	Solid	9012B	819322
500-268848-7	5-B15 (1-5)	Total/NA	Solid	9012B	819322
500-268848-8	5-B15 (1-5)D	Total/NA	Solid	9012B	819322
500-268848-9	5-B15 (5-12)	Total/NA	Solid	9012B	819322
500-268848-10	5-B16 (1-5)	Total/NA	Solid	9012B	819322
500-268848-11	5-B16 (5-9)	Total/NA	Solid	9012B	819322
500-268848-12	5-B17 (1-5)	Total/NA	Solid	9012B	819322
500-268848-13	5-B17 (5-12)	Total/NA	Solid	9012B	819322
500-268848-14	5-B18 (1-5)	Total/NA	Solid	9012B	819322
500-268848-15	5-B18 (5-12)	Total/NA	Solid	9012B	819322
500-268848-16	5-B19 (1-5)	Total/NA	Solid	9012B	819322
500-268848-17	5-B19 (5-12)	Total/NA	Solid	9012B	819322
500-268848-18	5-B20 (1-5)	Total/NA	Solid	9012B	819322
500-268848-19	5-B20 (1-5)D	Total/NA	Solid	9012B	819322
500-268848-25	5-B23 (1-5)	Total/NA	Solid	9012B	819322
500-268848-26	5-B23 (5-12)	Total/NA	Solid	9012B	819330
500-268848-27	5-B24 (1-5)	Total/NA	Solid	9012B	819330
500-268848-28	5-B24 (5-12)	Total/NA	Solid	9012B	819330
500-268848-29	5-B25 (1-5)	Total/NA	Solid	9012B	819330
500-268848-30	5-B25 (5-12)	Total/NA	Solid	9012B	819330
500-268848-31	5-B25 (5-12)D	Total/NA	Solid	9012B	819330
500-268848-32	5-B26 (1-5)	Total/NA	Solid	9012B	819330
500-268848-33	5-B26 (5-12)	Total/NA	Solid	9012B	819330

General Chemistry (Continued)

Analysis Batch: 819387 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-819322/1-A	Method Blank	Total/NA	Solid	9012B	819322
MB 500-819330/1-A	Method Blank	Total/NA	Solid	9012B	819330
LCS 500-819322/2-A	Lab Control Sample	Total/NA	Solid	9012B	819322
LCS 500-819330/2-A	Lab Control Sample	Total/NA	Solid	9012B	819330
500-268848-2 MS	5-B12 (5-12)	Total/NA	Solid	9012B	819322
500-268848-2 MSD	5-B12 (5-12)	Total/NA	Solid	9012B	819322
500-268848-14 MS	5-B18 (1-5)	Total/NA	Solid	9012B	819322
500-268848-14 MSD	5-B18 (1-5)	Total/NA	Solid	9012B	819322
500-268848-26 MS	5-B23 (5-12)	Total/NA	Solid	9012B	819330
500-268848-26 MSD	5-B23 (5-12)	Total/NA	Solid	9012B	819330

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B12 (1-5)
Date Collected: 05/22/25 08:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			819064	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819378	S1Z	EET CHI	05/29/25 14:52 - 05/29/25 20:52 [1]
TCLP	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 20:05
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 15:57
Total/NA	Analysis	Moisture		1	819088	RB	EET CHI	05/27/25 11:38

Client Sample ID: 5-B12 (1-5)
Date Collected: 05/22/25 08:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-1
Matrix: Solid
Percent Solids: 80.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819601	MM	EET CHI	05/30/25 12:28
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 23:04
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		1	819683	H7CM	EET CHI	05/30/25 13:29
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8082A		1	819495	H7CM	EET CHI	05/29/25 16:38
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 10:50
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		5	819817	SJ	EET CHI	05/30/25 19:02
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 08:29
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:02

Client Sample ID: 5-B12 (5-12)
Date Collected: 05/22/25 08:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			819064	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819378	S1Z	EET CHI	05/29/25 14:52 - 05/29/25 20:52 [1]
TCLP	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 20:18
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:00
Total/NA	Analysis	Moisture		1	819088	RB	EET CHI	05/27/25 11:38

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B12 (5-12)
Date Collected: 05/22/25 08:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-2
Matrix: Solid
Percent Solids: 78.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	820035	W1T	EET CHI	06/03/25 13:31
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 15:33
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 11:12
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		5	819817	SJ	EET CHI	05/30/25 19:32
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 08:31
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:04

Client Sample ID: 5-B13 (1-5)
Date Collected: 05/22/25 09:20
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819080	JL	EET CHI	05/27/25 14:07 - 05/28/25 07:30 [1]
SPLP East	Prep	3010A			819323	MS	EET CHI	05/28/25 13:01 - 05/28/25 19:01 [1]
SPLP East	Analysis	6010D		1	819606	SJ	EET CHI	05/30/25 01:23
TCLP	Leach	1311			819064	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819378	S1Z	EET CHI	05/29/25 14:52 - 05/29/25 20:52 [1]
TCLP	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 20:23
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:02
Total/NA	Analysis	Moisture		1	819088	RB	EET CHI	05/27/25 11:38

Client Sample ID: 5-B13 (1-5)
Date Collected: 05/22/25 09:20
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-3
Matrix: Solid
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819601	MM	EET CHI	05/30/25 13:20
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 15:57
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		1	819683	H7CM	EET CHI	05/30/25 14:04
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8082A		1	819495	H7CM	EET CHI	05/29/25 17:23
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 11:16
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 08:33

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B13 (1-5)

Date Collected: 05/22/25 09:20
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-3

Matrix: Solid
Percent Solids: 90.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:06

Client Sample ID: 5-B13 (5-12)

Date Collected: 05/22/25 09:25
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819080	JL	EET CHI	05/27/25 14:07 - 05/28/25 07:30 [1]
SPLP East	Prep	3010A			819323	MS	EET CHI	05/28/25 13:01 - 05/28/25 19:01 [1]
SPLP East	Analysis	6010D		1	819606	SJ	EET CHI	05/30/25 01:28
TCLP	Leach	1311			819064	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819378	S1Z	EET CHI	05/29/25 14:52 - 05/29/25 20:52 [1]
TCLP	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 20:27
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:05
Total/NA	Analysis	Moisture		1	819088	RB	EET CHI	05/27/25 11:38

Client Sample ID: 5-B13 (5-12)

Date Collected: 05/22/25 09:25
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-4

Matrix: Solid
Percent Solids: 81.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819601	MM	EET CHI	05/30/25 13:46
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 16:21
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 11:20
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		5	819817	SJ	EET CHI	05/30/25 19:36
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 08:35
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:07

Client Sample ID: 5-B14 (1-5)

Date Collected: 05/22/25 09:55
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			819064	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819378	S1Z	EET CHI	05/29/25 14:52 - 05/29/25 20:52 [1]
TCLP	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 20:32
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:07
Total/NA	Analysis	Moisture		1	819088	RB	EET CHI	05/27/25 11:38

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B14 (1-5)

Date Collected: 05/22/25 09:55
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-5

Matrix: Solid
Percent Solids: 79.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819601	MM	EET CHI	05/30/25 14:12
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 16:45
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		1	819683	H7CM	EET CHI	05/30/25 14:15
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8082A		1	819495	H7CM	EET CHI	05/29/25 17:38
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 11:34
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		5	819817	SJ	EET CHI	05/30/25 19:40
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 08:37
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:07

Client Sample ID: 5-B14 (5-8)

Date Collected: 05/22/25 10:00
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			819064	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819378	S1Z	EET CHI	05/29/25 14:52 - 05/29/25 20:52 [1]
TCLP	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 20:36
TCLP	Leach	1311			819064	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819378	S1Z	EET CHI	05/29/25 14:52 - 05/29/25 20:52 [1]
TCLP	Analysis	6020B		1	820550	RN	EET CHI	06/05/25 15:31
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:10
Total/NA	Analysis	Moisture		1	819088	RB	EET CHI	05/27/25 11:38

Client Sample ID: 5-B14 (5-8)

Date Collected: 05/22/25 10:00
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-6

Matrix: Solid
Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819601	MM	EET CHI	05/30/25 14:38
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 17:08
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 11:38
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 08:39

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B14 (5-8)

Lab Sample ID: 500-268848-6
Date Collected: 05/22/25 10:00
Matrix: Solid
Date Received: 05/23/25 13:40
Percent Solids: 84.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:09

Client Sample ID: 5-B15 (1-5)

Lab Sample ID: 500-268848-7
Date Collected: 05/22/25 10:50
Matrix: Solid
Date Received: 05/23/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819080	JL	EET CHI	05/27/25 14:07 - 05/28/25 07:30 [1]
SPLP East	Prep	3010A			819323	MS	EET CHI	05/28/25 13:01 - 05/28/25 19:01 [1]
SPLP East	Analysis	6010D		1	819606	SJ	EET CHI	05/30/25 01:41
TCLP	Leach	1311			819064	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819378	S1Z	EET CHI	05/29/25 14:52 - 05/29/25 20:52 [1]
TCLP	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 20:41
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:12
Total/NA	Analysis	Moisture		1	819088	RB	EET CHI	05/27/25 11:38

Client Sample ID: 5-B15 (1-5)

Lab Sample ID: 500-268848-7
Date Collected: 05/22/25 10:50
Matrix: Solid
Date Received: 05/23/25 13:40
Percent Solids: 87.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819601	MM	EET CHI	05/30/25 15:04
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 17:32
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		1	819683	H7CM	EET CHI	05/30/25 14:27
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8082A		1	819495	H7CM	EET CHI	05/29/25 17:53
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 11:42
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 08:40
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:11

Client Sample ID: 5-B15 (1-5)D

Lab Sample ID: 500-268848-8
Date Collected: 05/22/25 10:55
Matrix: Solid
Date Received: 05/23/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819080	JL	EET CHI	05/27/25 14:07 - 05/28/25 07:30 [1]
SPLP East	Prep	3010A			819323	MS	EET CHI	05/28/25 13:01 - 05/28/25 19:01 [1]
SPLP East	Analysis	6010D		1	819606	SJ	EET CHI	05/30/25 01:45

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B15 (1-5)D

Lab Sample ID: 500-268848-8

Date Collected: 05/22/25 10:55
Matrix: Solid
Date Received: 05/23/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			819064	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819378	S1Z	EET CHI	05/29/25 14:52 - 05/29/25 20:52 [1]
TCLP	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 20:45
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:15
Total/NA	Analysis	Moisture		1	819088	RB	EET CHI	05/27/25 11:38

Client Sample ID: 5-B15 (1-5)D

Lab Sample ID: 500-268848-8

Date Collected: 05/22/25 10:55
Matrix: Solid
Date Received: 05/23/25 13:40
Percent Solids: 85.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819601	MM	EET CHI	05/30/25 15:30
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 17:56
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		1	819683	H7CM	EET CHI	05/30/25 14:38
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8082A		1	819495	H7CM	EET CHI	05/29/25 18:08
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 11:46
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 08:46
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:12

Client Sample ID: 5-B15 (5-12)

Lab Sample ID: 500-268848-9

Date Collected: 05/22/25 11:00
Matrix: Solid
Date Received: 05/23/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819080	JL	EET CHI	05/27/25 14:07 - 05/28/25 07:30 [1]
SPLP East	Prep	3010A			819323	MS	EET CHI	05/28/25 13:01 - 05/28/25 19:01 [1]
SPLP East	Analysis	6010D		1	819606	SJ	EET CHI	05/30/25 01:50
TCLP	Leach	1311			819064	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819378	S1Z	EET CHI	05/29/25 14:52 - 05/29/25 20:52 [1]
TCLP	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 20:50
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:19
Total/NA	Analysis	Moisture		1	819088	RB	EET CHI	05/27/25 11:38

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B15 (5-12)

Lab Sample ID: 500-268848-9
Date Collected: 05/22/25 11:00
Matrix: Solid
Date Received: 05/23/25 13:40
Percent Solids: 89.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819601	MM	EET CHI	05/30/25 15:56
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 18:20
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 11:50
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 08:48
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:12

Client Sample ID: 5-B16 (1-5)

Lab Sample ID: 500-268848-10
Date Collected: 05/22/25 11:30
Matrix: Solid
Date Received: 05/23/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819080	JL	EET CHI	05/27/25 14:07 - 05/28/25 07:30 [1]
SPLP East	Prep	3010A			819323	MS	EET CHI	05/28/25 13:01 - 05/28/25 19:01 [1]
SPLP East	Analysis	6010D		1	819606	SJ	EET CHI	05/30/25 02:03
TCLP	Leach	1311			819064	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819378	S1Z	EET CHI	05/29/25 14:52 - 05/29/25 20:52 [1]
TCLP	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 20:54
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:22
Total/NA	Analysis	Moisture		1	819088	RB	EET CHI	05/27/25 11:38

Client Sample ID: 5-B16 (1-5)

Lab Sample ID: 500-268848-10
Date Collected: 05/22/25 11:30
Matrix: Solid
Date Received: 05/23/25 13:40
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819601	MM	EET CHI	05/30/25 16:21
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		2	819422	H7CM	EET CHI	05/29/25 22:40
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		1	819902	H7CM	EET CHI	06/02/25 14:37
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		5	819902	H7CM	EET CHI	06/02/25 14:49
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8082A		20	819637	H7CM	EET CHI	05/30/25 12:57
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 11:55
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 08:49

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B16 (1-5)

Date Collected: 05/22/25 11:30
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-10

Matrix: Solid
Percent Solids: 91.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:14

Client Sample ID: 5-B16 (5-9)

Date Collected: 05/22/25 11:35
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819080	JL	EET CHI	05/27/25 14:07 - 05/28/25 07:30 [1]
SPLP East	Prep	3010A			819323	MS	EET CHI	05/28/25 13:01 - 05/28/25 19:01 [1]
SPLP East	Analysis	6010D		1	819606	SJ	EET CHI	05/30/25 02:07
TCLP	Leach	1311			819064	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819378	S1Z	EET CHI	05/29/25 14:52 - 05/29/25 20:52 [1]
TCLP	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 20:59
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:24
Total/NA	Analysis	Moisture		1	819088	RB	EET CHI	05/27/25 11:38

Client Sample ID: 5-B16 (5-9)

Date Collected: 05/22/25 11:35
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-11

Matrix: Solid
Percent Solids: 83.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819601	MM	EET CHI	05/30/25 16:47
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 18:43
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819412	SJ	EET CHI	05/28/25 17:59
Total/NA	Prep	3050B			819172	MS	EET CHI	05/27/25 18:14 - 05/27/25 23:14 [1]
Total/NA	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 19:57
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 08:51
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:14

Client Sample ID: 5-B17 (1-5)

Date Collected: 05/22/25 12:05
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819080	JL	EET CHI	05/27/25 14:07 - 05/28/25 07:30 [1]
SPLP East	Prep	3010A			819323	MS	EET CHI	05/28/25 13:01 - 05/28/25 19:01 [1]
SPLP East	Analysis	6010D		1	819606	SJ	EET CHI	05/30/25 02:12
TCLP	Leach	1311			819064	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819378	S1Z	EET CHI	05/29/25 14:52 - 05/29/25 20:52 [1]
TCLP	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 21:12

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B17 (1-5)
Date Collected: 05/22/25 12:05
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:27
Total/NA	Analysis	Moisture		1	819088	RB	EET CHI	05/27/25 11:38

Client Sample ID: 5-B17 (1-5)
Date Collected: 05/22/25 12:05
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-12
Matrix: Solid
Percent Solids: 87.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819601	MM	EET CHI	05/30/25 17:13
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 19:07
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		1	819902	H7CM	EET CHI	06/02/25 15:00
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		5	819902	H7CM	EET CHI	06/02/25 15:12
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8082A		1	819637	H7CM	EET CHI	05/30/25 10:27
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 11:59
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 08:53
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:14

Client Sample ID: 5-B17 (5-12)
Date Collected: 05/22/25 12:10
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819080	JL	EET CHI	05/27/25 14:07 - 05/28/25 07:30 [1]
SPLP East	Prep	3010A			819323	MS	EET CHI	05/28/25 13:01 - 05/28/25 19:01 [1]
SPLP East	Analysis	6010D		1	819606	SJ	EET CHI	05/30/25 02:16
TCLP	Leach	1311			819064	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819378	S1Z	EET CHI	05/29/25 14:52 - 05/29/25 20:52 [1]
TCLP	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 21:17
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:29
Total/NA	Analysis	Moisture		1	819088	RB	EET CHI	05/27/25 11:38

Client Sample ID: 5-B17 (5-12)

Lab Sample ID: 500-268848-13

Date Collected: 05/22/25 12:10
Matrix: Solid
Date Received: 05/23/25 13:40
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	820035	W1T	EET CHI	06/03/25 13:59
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 19:31
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 12:03
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 09:01
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:16

Client Sample ID: 5-B18 (1-5)

Lab Sample ID: 500-268848-14

Date Collected: 05/22/25 12:40
Matrix: Solid
Date Received: 05/23/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819080	JL	EET CHI	05/27/25 14:07 - 05/28/25 07:30 [1]
SPLP East	Prep	3010A			819323	MS	EET CHI	05/28/25 13:01 - 05/28/25 19:01 [1]
SPLP East	Analysis	6010D		1	819606	SJ	EET CHI	05/30/25 02:20
TCLP	Leach	1311			819064	JL	EET CHI	05/27/25 14:25 - 05/28/25 07:30 [1]
TCLP	Prep	3010A			819378	S1Z	EET CHI	05/29/25 14:52 - 05/29/25 20:52 [1]
TCLP	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 21:21
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:32
Total/NA	Analysis	Moisture		1	819088	RB	EET CHI	05/27/25 11:38

Client Sample ID: 5-B18 (1-5)

Lab Sample ID: 500-268848-14

Date Collected: 05/22/25 12:40
Matrix: Solid
Date Received: 05/23/25 13:40
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819601	MM	EET CHI	05/30/25 18:05
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 19:54
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		1	819902	H7CM	EET CHI	06/02/25 15:23
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		5	819902	H7CM	EET CHI	06/02/25 15:35
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8082A		5	819637	H7CM	EET CHI	05/30/25 13:12
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 12:08
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 09:03

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B18 (1-5)
Date Collected: 05/22/25 12:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-14
Matrix: Solid
Percent Solids: 90.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:16

Client Sample ID: 5-B18 (5-12)
Date Collected: 05/22/25 12:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820194	SJ	EET CHI	06/04/25 00:12
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 22:03
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:34
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Client Sample ID: 5-B18 (5-12)
Date Collected: 05/22/25 12:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-15
Matrix: Solid
Percent Solids: 77.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819601	MM	EET CHI	05/30/25 18:31
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 20:18
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 12:12
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 09:09
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:21

Client Sample ID: 5-B19 (1-5)
Date Collected: 05/22/25 14:00
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820194	SJ	EET CHI	06/04/25 00:38
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 22:21
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:37

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B19 (1-5)
Date Collected: 05/22/25 14:00
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Client Sample ID: 5-B19 (1-5)
Date Collected: 05/22/25 14:00
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-16
Matrix: Solid
Percent Solids: 86.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819601	MM	EET CHI	05/30/25 18:56
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 20:42
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		1	819902	H7CM	EET CHI	06/02/25 15:46
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		5	819902	H7CM	EET CHI	06/02/25 15:58
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8082A		1	819637	H7CM	EET CHI	05/30/25 10:42
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 12:25
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		5	819817	SJ	EET CHI	05/30/25 19:45
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 09:11
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:21

Client Sample ID: 5-B19 (5-12)
Date Collected: 05/22/25 14:05
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820194	SJ	EET CHI	06/04/25 00:43
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 22:26
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:39
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B19 (5-12)

Lab Sample ID: 500-268848-17

Date Collected: 05/22/25 14:05
Date Received: 05/23/25 13:40

Matrix: Solid
Percent Solids: 74.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819601	MM	EET CHI	05/30/25 19:22
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 21:06
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 12:29
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 09:12
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:22

Client Sample ID: 5-B20 (1-5)

Lab Sample ID: 500-268848-18

Date Collected: 05/22/25 14:40
Date Received: 05/23/25 13:40

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820194	SJ	EET CHI	06/04/25 00:47
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 22:30
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:42
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Client Sample ID: 5-B20 (1-5)

Lab Sample ID: 500-268848-18

Date Collected: 05/22/25 14:40
Date Received: 05/23/25 13:40

Matrix: Solid
Percent Solids: 88.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819601	MM	EET CHI	05/30/25 19:47
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 21:29
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		1	819683	H7CM	EET CHI	05/30/25 15:36
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8082A		1	819495	H7CM	EET CHI	05/29/25 19:23
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 12:33
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 09:14
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:23

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B20 (1-5)D

Lab Sample ID: 500-268848-19

Date Collected: 05/22/25 14:45
Matrix: Solid
Date Received: 05/23/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820194	SJ	EET CHI	06/04/25 00:52
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 22:44
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:46
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Client Sample ID: 5-B20 (1-5)D

Lab Sample ID: 500-268848-19

Date Collected: 05/22/25 14:45
Matrix: Solid
Date Received: 05/23/25 13:40
Percent Solids: 87.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819601	MM	EET CHI	05/30/25 20:13
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 21:53
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		1	819902	H7CM	EET CHI	06/02/25 16:09
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		5	819902	H7CM	EET CHI	06/02/25 16:21
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8082A		1	819637	H7CM	EET CHI	05/30/25 10:57
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 12:38
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		5	819817	SJ	EET CHI	05/30/25 19:49
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 09:16
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:24

Client Sample ID: 5-B20 (5-12)

Lab Sample ID: 500-268848-20

Date Collected: 05/22/25 14:50
Matrix: Solid
Date Received: 05/23/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820194	SJ	EET CHI	06/04/25 00:56
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 22:48
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:51

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B20 (5-12)
Date Collected: 05/22/25 14:50
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Client Sample ID: 5-B20 (5-12)
Date Collected: 05/22/25 14:50
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-20
Matrix: Solid
Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819819	MM	EET CHI	06/02/25 17:56
Total/NA	Prep	3546			819401	SC	EET CHI	05/29/25 07:31
Total/NA	Analysis	8270E		1	819422	H7CM	EET CHI	05/29/25 22:17
Total/NA	Prep	3050B			819352	MS	EET CHI	05/28/25 14:50 - 05/28/25 19:50 [1]
Total/NA	Analysis	6010D		1	819607	SJ	EET CHI	05/29/25 12:42
Total/NA	Prep	7471B			820086	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 09:18
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:39

Client Sample ID: 5-B21 (1-5)
Date Collected: 05/22/25 15:25
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-21
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820194	SJ	EET CHI	06/04/25 01:00
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 22:53
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:54
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Client Sample ID: 5-B21 (1-5)
Date Collected: 05/22/25 15:25
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-21
Matrix: Solid
Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	820035	W1T	EET CHI	06/03/25 14:26
Total/NA	Prep	3546			819208	SC	EET CHI	05/28/25 07:45
Total/NA	Analysis	8270E		1	819416	H7CM	EET CHI	05/29/25 21:40
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		1	819902	H7CM	EET CHI	06/02/25 16:32
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		5	819902	H7CM	EET CHI	06/02/25 16:44

Client Sample ID: 5-B21 (1-5)

Lab Sample ID: 500-268848-21

Date Collected: 05/22/25 15:25

Matrix: Solid

Date Received: 05/23/25 13:40

Percent Solids: 85.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8082A		1	819637	H7CM	EET CHI	05/30/25 11:12
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 20:36
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 15:34
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		5	819606	SJ	EET CHI	05/29/25 15:47
Total/NA	Prep	7471B			820087	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 09:23
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:40

Client Sample ID: 5-B21 (5-12)

Lab Sample ID: 500-268848-22

Date Collected: 05/22/25 15:30

Matrix: Solid

Date Received: 05/23/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820194	SJ	EET CHI	06/04/25 01:05
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 22:57
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:56
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Client Sample ID: 5-B21 (5-12)

Lab Sample ID: 500-268848-22

Date Collected: 05/22/25 15:30

Matrix: Solid

Date Received: 05/23/25 13:40

Percent Solids: 83.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819819	MM	EET CHI	06/02/25 18:46
Total/NA	Prep	3546			819208	SC	EET CHI	05/28/25 07:45
Total/NA	Analysis	8270E		1	819416	H7CM	EET CHI	05/29/25 15:35
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 20:40
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 15:51
Total/NA	Prep	7471B			820087	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 09:26
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:40

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B22 (1-5)

Date Collected: 05/22/25 16:10
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820194	SJ	EET CHI	06/04/25 01:09
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 23:02
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6020B		1	820550	RN	EET CHI	06/05/25 15:45
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 16:59
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Client Sample ID: 5-B22 (1-5)

Date Collected: 05/22/25 16:10
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-23

Matrix: Solid
Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819819	MM	EET CHI	06/02/25 19:11
Total/NA	Prep	3546			819208	SC	EET CHI	05/28/25 07:45
Total/NA	Analysis	8270E		1	819416	H7CM	EET CHI	05/29/25 15:59
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		1	819902	H7CM	EET CHI	06/02/25 16:55
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		5	819902	H7CM	EET CHI	06/02/25 17:07
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8082A		1	819637	H7CM	EET CHI	05/30/25 11:27
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 20:53
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 15:56
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		5	819606	SJ	EET CHI	05/29/25 16:00
Total/NA	Prep	7471B			820087	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 09:31
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:42

Client Sample ID: 5-B22 (5-12)

Lab Sample ID: 500-268848-24

Date Collected: 05/22/25 16:05

Matrix: Solid

Date Received: 05/23/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820194	SJ	EET CHI	06/04/25 01:14
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 23:07
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 17:01
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Client Sample ID: 5-B22 (5-12)

Lab Sample ID: 500-268848-24

Date Collected: 05/22/25 16:05

Matrix: Solid

Date Received: 05/23/25 13:40

Percent Solids: 73.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819819	MM	EET CHI	06/02/25 19:36
Total/NA	Prep	3546			819208	SC	EET CHI	05/28/25 07:45
Total/NA	Analysis	8270E		1	819416	H7CM	EET CHI	05/29/25 16:24
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 20:58
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 16:04
Total/NA	Prep	7471B			820087	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 09:33
Total/NA	Prep	9010C			819144	AC	EET CHI	05/27/25 15:17 - 05/27/25 15:47 [1]
Total/NA	Analysis	9012B		1	819288	AC	EET CHI	05/28/25 09:42

Client Sample ID: 5-B23 (1-5)

Lab Sample ID: 500-268848-25

Date Collected: 05/23/25 08:15

Matrix: Solid

Date Received: 05/23/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 17:58
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820194	SJ	EET CHI	06/04/25 01:27
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 23:11
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6020B		1	820550	RN	EET CHI	06/05/25 15:48
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 17:04

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B23 (1-5)
Date Collected: 05/23/25 08:15
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Client Sample ID: 5-B23 (1-5)
Date Collected: 05/23/25 08:15
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-25
Matrix: Solid
Percent Solids: 88.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819819	MM	EET CHI	06/02/25 20:00
Total/NA	Prep	3546			819208	SC	EET CHI	05/28/25 07:45
Total/NA	Analysis	8270E		2	819416	H7CM	EET CHI	05/29/25 19:38
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 ¹
Total/NA	Analysis	8081B		1	819902	H7CM	EET CHI	06/02/25 17:18
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 ¹
Total/NA	Analysis	8081B		5	819902	H7CM	EET CHI	06/02/25 17:30
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 ¹
Total/NA	Analysis	8082A		5	819637	H7CM	EET CHI	05/30/25 13:27
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 ¹
Total/NA	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 21:02
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 ¹
Total/NA	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 16:09
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 ¹
Total/NA	Analysis	6010D		5	819606	SJ	EET CHI	05/29/25 16:13
Total/NA	Prep	7471B			820087	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 09:35
Total/NA	Prep	9010C			819322	AC	EET CHI	05/28/25 14:35 - 05/28/25 15:05 ¹
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:24

Client Sample ID: 5-B23 (5-12)
Date Collected: 05/23/25 08:20
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 ¹
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 ¹
SPLP East	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 18:03
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 ¹
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 ¹
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 23:16
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 17:06
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Client Sample ID: 5-B23 (5-12)

Lab Sample ID: 500-268848-26

Date Collected: 05/23/25 08:20
Date Received: 05/23/25 13:40

Matrix: Solid
Percent Solids: 74.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819819	MM	EET CHI	06/02/25 20:25
Total/NA	Prep	3546			819208	SC	EET CHI	05/28/25 07:45
Total/NA	Analysis	8270E		1	819416	H7CM	EET CHI	05/29/25 16:48
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 21:06
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 16:18
Total/NA	Prep	7471B			820087	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 09:36
Total/NA	Prep	9010C			819330	AC	EET CHI	05/28/25 14:47 - 05/28/25 15:17 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:26

Client Sample ID: 5-B24 (1-5)

Lab Sample ID: 500-268848-27

Date Collected: 05/23/25 08:50
Date Received: 05/23/25 13:40

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 18:07
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820194	SJ	EET CHI	06/04/25 01:36
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 23:20
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6020B		1	820771	RN	EET CHI	06/06/25 16:27
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6020B		1	820550	RN	EET CHI	06/05/25 15:51
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 17:09
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Client Sample ID: 5-B24 (1-5)

Lab Sample ID: 500-268848-27

Date Collected: 05/23/25 08:50
Date Received: 05/23/25 13:40

Matrix: Solid
Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819819	MM	EET CHI	06/02/25 20:50
Total/NA	Prep	3546			819208	SC	EET CHI	05/28/25 07:45
Total/NA	Analysis	8270E		2	819416	H7CM	EET CHI	05/29/25 20:03

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B24 (1-5)

Lab Sample ID: 500-268848-27
Date Collected: 05/23/25 08:50
Matrix: Solid
Date Received: 05/23/25 13:40
Percent Solids: 84.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546	DL		819208	SC	EET CHI	05/28/25 07:45
Total/NA	Analysis	8270E	DL	20	819623	WS	EET CHI	05/30/25 23:54
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		5	819683	H7CM	EET CHI	05/30/25 16:33
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8082A		1	819637	H7CM	EET CHI	05/30/25 11:42
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 21:11
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 16:22
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		5	819606	SJ	EET CHI	05/29/25 16:26
Total/NA	Prep	7471B			820087	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 09:39
Total/NA	Prep	9010C			819330	AC	EET CHI	05/28/25 14:47 - 05/28/25 15:17 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:31

Client Sample ID: 5-B24 (5-12)

Lab Sample ID: 500-268848-28
Date Collected: 05/23/25 08:55
Matrix: Solid
Date Received: 05/23/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 18:12
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 23:25
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 17:13
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Client Sample ID: 5-B24 (5-12)

Lab Sample ID: 500-268848-28
Date Collected: 05/23/25 08:55
Matrix: Solid
Date Received: 05/23/25 13:40
Percent Solids: 77.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819819	MM	EET CHI	06/02/25 21:15
Total/NA	Prep	3546			819208	SC	EET CHI	05/28/25 07:45
Total/NA	Analysis	8270E		1	819416	H7CM	EET CHI	05/29/25 17:13
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 21:15
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 17:58

Client Sample ID: 5-B24 (5-12)

Lab Sample ID: 500-268848-28

Date Collected: 05/23/25 08:55
Matrix: Solid
Date Received: 05/23/25 13:40
Percent Solids: 77.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7471B			820087	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 09:40
Total/NA	Prep	9010C			819330	AC	EET CHI	05/28/25 14:47 - 05/28/25 15:17 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:31

Client Sample ID: 5-B25 (1-5)

Lab Sample ID: 500-268848-29

Date Collected: 05/23/25 09:35
Matrix: Solid
Date Received: 05/23/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 18:29
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 23:39
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6020B		1	820550	RN	EET CHI	06/05/25 15:54
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 17:16
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Client Sample ID: 5-B25 (1-5)

Lab Sample ID: 500-268848-29

Date Collected: 05/23/25 09:35
Matrix: Solid
Date Received: 05/23/25 13:40
Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819819	MM	EET CHI	06/02/25 21:40
Total/NA	Prep	3546			819208	SC	EET CHI	05/28/25 07:45
Total/NA	Analysis	8270E		1	819416	H7CM	EET CHI	05/29/25 17:37
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		1	819902	H7CM	EET CHI	06/02/25 17:41
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		5	819902	H7CM	EET CHI	06/02/25 17:52
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8082A		1	819637	H7CM	EET CHI	05/30/25 11:57
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 21:20
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 18:02
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		5	819606	SJ	EET CHI	05/29/25 18:07
Total/NA	Prep	7471B			820087	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 09:42

Client Sample ID: 5-B25 (1-5)
Date Collected: 05/23/25 09:35
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-29
Matrix: Solid
Percent Solids: 87.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	9010C			819330	AC	EET CHI	05/28/25 14:47 - 05/28/25 15:17 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:33

Client Sample ID: 5-B25 (5-12)
Date Collected: 05/23/25 09:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 18:34
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 23:43
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 17:18
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Client Sample ID: 5-B25 (5-12)
Date Collected: 05/23/25 09:40
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-30
Matrix: Solid
Percent Solids: 78.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	820035	W1T	EET CHI	06/03/25 14:53
Total/NA	Prep	3546			819208	SC	EET CHI	05/28/25 07:45
Total/NA	Analysis	8270E		1	819416	H7CM	EET CHI	05/29/25 18:01
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 21:24
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 18:11
Total/NA	Prep	7471B			820087	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 09:44
Total/NA	Prep	9010C			819330	AC	EET CHI	05/28/25 14:47 - 05/28/25 15:17 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:33

Client Sample ID: 5-B25 (5-12)D
Date Collected: 05/23/25 09:45
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 18:38
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 23:48

Client Sample ID: 5-B25 (5-12)D

Lab Sample ID: 500-268848-31

Date Collected: 05/23/25 09:45

Matrix: Solid

Date Received: 05/23/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 17:21
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Client Sample ID: 5-B25 (5-12)D

Lab Sample ID: 500-268848-31

Date Collected: 05/23/25 09:45

Matrix: Solid

Date Received: 05/23/25 13:40

Percent Solids: 80.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	820035	W1T	EET CHI	06/03/25 15:19
Total/NA	Prep	3546			819208	SC	EET CHI	05/28/25 07:45
Total/NA	Analysis	8270E		1	819416	H7CM	EET CHI	05/29/25 18:26
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 21:28
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 18:16
Total/NA	Prep	7471B			820087	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 10:00
Total/NA	Prep	9010C			819330	AC	EET CHI	05/28/25 14:47 - 05/28/25 15:17 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:34

Client Sample ID: 5-B26 (1-5)

Lab Sample ID: 500-268848-32

Date Collected: 05/23/25 10:30

Matrix: Solid

Date Received: 05/23/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 23:53
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6020B		1	820550	RN	EET CHI	06/05/25 15:56
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 17:23
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Client Sample ID: 5-B26 (1-5)

Lab Sample ID: 500-268848-32

Date Collected: 05/23/25 10:30

Matrix: Solid

Date Received: 05/23/25 13:40

Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819819	MM	EET CHI	06/02/25 22:55
Total/NA	Prep	3546			819208	SC	EET CHI	05/28/25 07:45
Total/NA	Analysis	8270E		1	819416	H7CM	EET CHI	05/29/25 18:50

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B26 (1-5)

Lab Sample ID: 500-268848-32
Date Collected: 05/23/25 10:30
Matrix: Solid
Date Received: 05/23/25 13:40
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		1	819902	H7CM	EET CHI	06/02/25 18:04
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8081B		5	819902	H7CM	EET CHI	06/02/25 18:15
Total/NA	Prep	3541			819344	SV	EET CHI	05/28/25 14:20 - 05/28/25 20:00 [1]
Total/NA	Analysis	8082A		1	819495	H7CM	EET CHI	05/29/25 21:08
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 21:33
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 18:20
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		5	819606	SJ	EET CHI	05/29/25 18:25
Total/NA	Prep	7471B			820087	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 10:02
Total/NA	Prep	9010C			819330	AC	EET CHI	05/28/25 14:47 - 05/28/25 15:17 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:35

Client Sample ID: 5-B26 (5-12)

Lab Sample ID: 500-268848-33
Date Collected: 05/23/25 10:35
Matrix: Solid
Date Received: 05/23/25 13:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819252	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819535	MS	EET CHI	05/29/25 14:34 - 05/29/25 20:34 [1]
SPLP East	Analysis	6010D		1	820359	SJ	EET CHI	06/04/25 18:47
TCLP	Leach	1311			819250	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
TCLP	Prep	3010A			819530	MS	EET CHI	05/29/25 14:30 - 05/29/25 20:30 [1]
TCLP	Analysis	6010D		1	820194	SJ	EET CHI	06/03/25 23:57
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 17:26
Total/NA	Analysis	Moisture		1	819081	RB	EET CHI	05/27/25 11:09

Client Sample ID: 5-B26 (5-12)

Lab Sample ID: 500-268848-33
Date Collected: 05/23/25 10:35
Matrix: Solid
Date Received: 05/23/25 13:40
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			819648	OP	EET CHI	05/23/25 18:10
Total/NA	Analysis	8260D		1	819819	MM	EET CHI	06/02/25 23:20
Total/NA	Prep	3546			819208	SC	EET CHI	05/28/25 07:45
Total/NA	Analysis	8270E		1	819416	H7CM	EET CHI	05/29/25 19:14
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819411	SJ	EET CHI	05/28/25 21:46
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		1	819606	SJ	EET CHI	05/29/25 18:29

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Client Sample ID: 5-B26 (5-12)

Date Collected: 05/23/25 10:35
Date Received: 05/23/25 13:40

Lab Sample ID: 500-268848-33

Matrix: Solid
Percent Solids: 84.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			819247	BDE	EET CHI	05/28/25 08:58 - 05/28/25 14:58 [1]
Total/NA	Analysis	6010D		5	819606	SJ	EET CHI	05/29/25 18:33
Total/NA	Prep	7471B			820087	MJG	EET CHI	06/03/25 14:55
Total/NA	Analysis	7471B		1	820235	MJG	EET CHI	06/04/25 10:04
Total/NA	Prep	9010C			819330	AC	EET CHI	05/28/25 14:47 - 05/28/25 15:17 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:36

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 500-268848-1
Project/Site: Bend Boulevard, East Moline, IL

Laboratory: Eurofins Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D	5035	Solid	1,3-Dichloropropene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CHI
8081B	Organochlorine Pesticides (GC)	SW846	EET CHI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CHI
6010D	Metals (ICP)	SW846	EET CHI
6020B	Metals (ICP/MS)	SW846	EET CHI
7471B	Mercury (CVAA)	SW846	EET CHI
9012B	Cyanide, Total andor Amenable	SW846	EET CHI
9045D	pH	SW846	EET CHI
Moisture	Percent Moisture	EPA	EET CHI
1311	TCLP Extraction	SW846	EET CHI
1312	SPLP Extraction	SW846	EET CHI
3010A	Preparation, Total Metals	SW846	EET CHI
3050B	Preparation, Metals	SW846	EET CHI
3541	Automated Soxhlet Extraction	SW846	EET CHI
3546	Microwave Extraction	SW846	EET CHI
5035	Closed System Purge and Trap	SW846	EET CHI
7471B	Preparation, Mercury	SW846	EET CHI
9010C	Cyanide, Distillation	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268848-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-268848-1	5-B12 (1-5)	Solid	05/22/25 08:40	05/23/25 13:40
500-268848-2	5-B12 (5-12)	Solid	05/22/25 08:45	05/23/25 13:40
500-268848-3	5-B13 (1-5)	Solid	05/22/25 09:20	05/23/25 13:40
500-268848-4	5-B13 (5-12)	Solid	05/22/25 09:25	05/23/25 13:40
500-268848-5	5-B14 (1-5)	Solid	05/22/25 09:55	05/23/25 13:40
500-268848-6	5-B14 (5-8)	Solid	05/22/25 10:00	05/23/25 13:40
500-268848-7	5-B15 (1-5)	Solid	05/22/25 10:50	05/23/25 13:40
500-268848-8	5-B15 (1-5)D	Solid	05/22/25 10:55	05/23/25 13:40
500-268848-9	5-B15 (5-12)	Solid	05/22/25 11:00	05/23/25 13:40
500-268848-10	5-B16 (1-5)	Solid	05/22/25 11:30	05/23/25 13:40
500-268848-11	5-B16 (5-9)	Solid	05/22/25 11:35	05/23/25 13:40
500-268848-12	5-B17 (1-5)	Solid	05/22/25 12:05	05/23/25 13:40
500-268848-13	5-B17 (5-12)	Solid	05/22/25 12:10	05/23/25 13:40
500-268848-14	5-B18 (1-5)	Solid	05/22/25 12:40	05/23/25 13:40
500-268848-15	5-B18 (5-12)	Solid	05/22/25 12:45	05/23/25 13:40
500-268848-16	5-B19 (1-5)	Solid	05/22/25 14:00	05/23/25 13:40
500-268848-17	5-B19 (5-12)	Solid	05/22/25 14:05	05/23/25 13:40
500-268848-18	5-B20 (1-5)	Solid	05/22/25 14:40	05/23/25 13:40
500-268848-19	5-B20 (1-5)D	Solid	05/22/25 14:45	05/23/25 13:40
500-268848-20	5-B20 (5-12)	Solid	05/22/25 14:50	05/23/25 13:40
500-268848-21	5-B21 (1-5)	Solid	05/22/25 15:25	05/23/25 13:40
500-268848-22	5-B21 (5-12)	Solid	05/22/25 15:30	05/23/25 13:40
500-268848-23	5-B22 (1-5)	Solid	05/22/25 16:10	05/23/25 13:40
500-268848-24	5-B22 (5-12)	Solid	05/22/25 16:05	05/23/25 13:40
500-268848-25	5-B23 (1-5)	Solid	05/23/25 08:15	05/23/25 13:40
500-268848-26	5-B23 (5-12)	Solid	05/23/25 08:20	05/23/25 13:40
500-268848-27	5-B24 (1-5)	Solid	05/23/25 08:50	05/23/25 13:40
500-268848-28	5-B24 (5-12)	Solid	05/23/25 08:55	05/23/25 13:40
500-268848-29	5-B25 (1-5)	Solid	05/23/25 09:35	05/23/25 13:40
500-268848-30	5-B25 (5-12)	Solid	05/23/25 09:40	05/23/25 13:40
500-268848-31	5-B25 (5-12)D	Solid	05/23/25 09:45	05/23/25 13:40
500-268848-32	5-B26 (1-5)	Solid	05/23/25 10:30	05/23/25 13:40
500-268848-33	5-B26 (5-12)	Solid	05/23/25 10:35	05/23/25 13:40

Eurofins Chicago
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: DGH	Lab PM: Knapp, Jim D	Carrier Tracking No(s):	COC No: 500-136972-52720 5
Client Contact: Dominick Gagliano	Phone:	E-Mail: Jim Knapp@et.eurofinsus com	State of Origin: IL	Page: Page 5 of 7 1 of 3
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #: 500-268848
Address: 192 Exchange Blvd	Due Date Requested: STANDARD TURN			
City: Glendale Heights	TAT Requested (days): STANDARD TURN			
State, Zip: IL, 60139	Compliance Project: Δ Yes Δ No			
Phone: 630-445-0203(Tel)	PO #: 11247243B			
Email: Dominick Gagliano@terracon com	WO #:			
Project Name: Bend Boulevard, East Moline, IL	Project #: 50024921			
Site: 11247243B	SSOW#:			

Analysis Requested

Preservation Codes
PL MeOH/NaHS04
N None
A HCL
D HNO3
B NaOH

500-268848 COC

Other

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	VOC's	SVOC's	TAL metals	Cyanide	PAH	Pesticides / PCB's	TCLP 1312 if min	40 moisture	SPLP metals * (Hold)	TCLP metals * (Hold)	Total Number of containers	Special Instructions/Note:
			Preservation Code:															
1 S-B12 (1-5)	5-22-25	0840	G	Solid			X	X	X	X	X	X	X	X	X	X		* Note PLEASE
2 S-B12 (5-12)	5 22 25	0845	G	Solid			X	X	X	X	X		X	X	X	X		Hold SPLP metals
3 S B13 (1-5)	5-22 25	0920	G	Solid			X	X	X	X	X	X	X	X	X	X		and TCLP metals
4 S B13 (5-12)	5 22 25	0925	G	Solid			X	X	X	X	X		X	X	X	X		
5 S-B14 (1-5)	5-22-25	0955	G	Solid			X	X	X	X	X	X	X	X	X	X		
6 S-B14 (5-8)	5 22 25	1000	G	Solid			X	X	X	X	X		X	X	X	X		* Run TCLP
7 S-B15 (1-5)	5 22 25	1050	G	Solid			X	X	X	X	X	X	X	X	X	X		FE & MN only
8 S-B15 (1-5) D	5 22 25	1055	G	Solid			X	X	X	X	X	X	X	X	X	X		Hold Additional
9 S-B15 (5-12)	5 22 25	1100	G	Solid			X	X	X	X	X		X	X	X	X		TCLP
10 S-B16 (1-5)	5 22 25	1130	G	Solid			X	X	X	X	X	X	X	X	X	X		
11 S-B16 (5-9)	5 22 25	1135	G	Solid			X	X	X	X	X		X	X	X	X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment.

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		5 23 25 1100			5 23 25 1100	
2		5-23-25 1340			5/23/25 1340	EETA
3						

Custody Seals Intact. Δ Yes Δ No | Custody Seal No

Cooler Temperature(s) °C and Other Remarks: 3.8+3.4, 3.2+2.8, 2.7+2.3

Eurofins Chicago
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone 708-534-5200 Fax. 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: D. GFT	Lab PM: Knapp, Jim D	Carrier Tracking No(s):	COC No: 500-136972-52720 4
Client Contact: Dominick Gagliano	Phone	E-Mail: Jim Knapp@et eurofinsus.com	State of Origin: IL	Page: Page ~~1 of 1~~ 2 of 3
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #: 500-2698948
Address: 192 Exchange Blvd	Due Date Requested: STANDARD TURN			
City: Glendale Heights	TAT Requested (days): STANDARD TURN			
State, Zip: IL, 60139	Compliance Project: Δ Yes Δ No			
Phone: 630-445-0203(Tel)	PO #: 11247243B			
Email: Dominick Gagliano@terracon com	WO #:			
Project Name: Bend Boulevard, East Moline, IL	Project #: 50024921			
Site: 11247243B	SSOW#:			

Analysis Requested

Preservation Codes:
PL - MeOH/NaHS04
N None
A HCL
D HNO3
B - NaOH

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	VOC's	SVOC's	TAL metals	Cyanide	PCB's	Pesticides	TCLP FF + mn	6 metals * (Acid)	SPLP metals * (Acid)	TCLP metals * (Acid)	Total Number of containers	Special Instructions/Note:
	Preservation Code:																		
12	S-B17 (1-5)	5-22-25	1205	G	Solid			X	X	X	X	X	X	X	X	X	X		X waste PLEASE
13	S-B17 (5-12)	5-22-25	1210	G	Solid			X	X	X	X	X		X	X	X	X		Hold SPLP metals
14	S-B18 (1-5)	5-22-25	1240	G	Solid			X	X	X	X	X	X	X	X	X	X		and TCLP metals
15	S-B18 (5-12)	5-22-25	1245	G	Solid			X	X	X	X	X		X	X	X	X		
16	S-B19 (1-5)	5-22-25	1400	G	Solid			X	X	X	X	X	X	X	X	X	X		
17	S-B19 (5-12)	5-22-25	1405	G	Solid			X	X	X	X	X		X	X	X	X		X RUN TCLP
18	S-B20 (1-5)	5-22-25	1440	G	Solid			X	X	X	X	X	X	X	X	X	X		FE+MN only
19	S-B20 (1-5) D	5-22-25	1445	G	Solid			X	X	X	X	X	X	X	X	X	X		Hold Additional
20	S-B20 (5-12)	5-22-25	1450	G	Solid			X	X	X	X	X		X	X	X	X		TCLP
21	S-B21 (1-5)	5-22-25	1525	G	Solid			X	X	X	X	X	X	X	X	X	X		
22	S-B21 (5-12)	5-22-25	1530	G	Solid			X	X	X	X	X		X	X	X	X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment.

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		5/23/25 1100	TCALSAC		5-23-25 1100	
2					5/23/25 1340	EETA
3						

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks

Tinley Park, IL 60487
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

Environment Testing

Client Information	Sampler: D. Gift	Lab PM: Knapp, Jim D	Carrier Tracking No(s):	COC No: 500-136972-52720.6
Client Contact: Dominick Gagliano	Phone	E-Mail: Jim Knapp@et eurofinsus com	State of Origin: IL	Page: Page 3 of 3
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #: 500-26848
Address: 192 Exchange Blvd	Due Date Requested: STANDARD TURN			
City: Glendale Heights	TAT Requested (days): STANDARD TURN			
State, Zip: IL, 60139	Compliance Project: Δ Yes Δ No			
Phone: 630-445-0203(Tel)	PO #: 11247243B			
Email: Dominick Gagliano@terracon com	WO #:			
Project Name: Bend Boulevard, East Moline, IL	Project #: 50024921			
Site: 11247243B	SSOW#:			

Analysis Requested

Preservation Codes:
PL MeOH/NaHS04
N None
A - HCL
D - HNO3
B - NaOH

Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	VOC's	SVOC's	TAL metals	Cyan, dc	pH	Pesticides/PCB's	TCLP FE & Mn	% moisture	SPLP metals *(Hold)	TCLP metals *(Hold)	Total Number of containers	Special Instructions/Note:
				Preservation Code:															
23	S-B22 (1-5)	5-22-25	1610	G	Solid			X	X	X	X	X	X	X	X	X	X		* Note RELEASE
24	S-B22 (5-12)	5-22-25	1615	G	Solid			X	X	X	X	X		X	X	X	X		Hold SPLP metals
25	S-B23 (1-5)	5-23-25	0815	G	Solid			X	X	X	X	X	X	X	X	X	X		and TCLP metals
26	S-B23 (5-12)	5-23-25	0820	G	Solid			X	X	X	X	X		X	X	X	X		
27	S-B24 (1-5)	5-23-25	0850	G	Solid			X	X	X	X	X	X	X	X	X	X		
28	S-B24 (5-12)	5-23-25	0855	G	Solid			X	X	X	X	X		X	X	X	X		* Run TCLP
29	S-B25 (1-5)	5-23-25	0935	G	Solid			X	X	X	X	X	X	X	X	X	X		FE & Mn only
30	S-B25 (5-12)	5-23-25	0940	G	Solid			X	X	X	X	X		X	X	X	X		Hold Additional
31	S-B25 (5-12) D	5-23-25	0945	G	Solid			X	X	X	X	X		X	X	X	X		TCLP
32	S-B26 (1-5)	5-23-25	1030	G	Solid			X	X	X	X	X	X	X	X	X	X		
33	S-B26 (5-12)	5-23-25	1035	G	Solid			X	X	X	X	X		X	X	X	X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		5-23-25 1100	Terracon		5 23 25 1100	
2	Relinquished by:	Date/Time:	Company	Received by: Engel Knopf	Date/Time: 05/23/25 1340	Company EETA
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 500-268848-1

Login Number: 268848
List Number: 1
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.4,2.8,2.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jackie Setterdahl
Terracon Consulting Eng & Scientists
192 Exchange Blvd
Glendale Heights, Illinois 60139

Generated 6/9/2025 3:08:47 PM

JOB DESCRIPTION

Bend Boulevard, East Moline, IL

JOB NUMBER

500-268875-1

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization

Generated
6/9/2025 3:08:47 PM

Authorized for release by
Jim Knapp, Senior Project Manager
Jim.Knapp@et.eurofinsus.com
(630)758-0262

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Job Narrative
500-268875-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/23/2025 4:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.7°C.

GC/MS VOA
Method 8260D: Surrogate recovery for the following sample was outside the upper control limit: 5-B29 (1-5) (500-268875-6). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 500-820175 recovered outside control limits for the following analytes: Bromomethane, Chloroethane, trans-1,2-Dichloroethene and Vinyl chloride. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-820175 was outside the method criteria for the following analyte(s): 2-Hexanone, 4-Methyl-2-pentanone (MIBK) and trans-1,2-Dichloroethene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) analyzed in batch 500-819413 was outside the method criteria for the following analyte(s): Hexachlorocyclopentadiene and 2-Methylphenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-819413 was outside the method criteria for the following analyte(s): Benzo[b]fluoranthene and 4,6-Dinitro-2-methylphenol. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 500-819417 was outside the method criteria for the following analyte(s): Hexachlorocyclopentadiene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-819417 was outside the method criteria for the following analyte(s): Benzo[b]fluoranthene, 4,6-Dinitro-2-methylphenol, Indeno[1,2,3-cd]pyrene and Nitrobenzene. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 500-819623 was outside the method criteria for the following analyte(s): Hexachlorobutadiene, Hexachlorocyclopentadiene and 2,4,6-Tribromophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-819623 was outside the method criteria for the

following analyte(s): Bis(2-ethylhexyl) phthalate, Butyl benzyl phthalate, 2-Nitroaniline and 2,2'-oxybis[1-chloropropane]. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The following samples were diluted due to the nature of the sample matrix: 5-B27 (1-5) (500-268875-1), 5-B29 (5-12) (500-268875-7), (500-268875-F-1-E MS) and (500-268875-F-1-F MSD). Elevated reporting limits (RLs) are provided.

Method 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 500-819404 and analytical batch 500-819623 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: DCB Decachlorobiphenyl surrogate recovery for the following samples were outside control limits: 5-B27 (1-5) (500-268875-1), 5-B28 (1-5) (500-268875-3), 5-B28 (1-5)D (500-268875-4) and 5-B29 (1-5) (500-268875-6). Tetrachloro-m-xylene surrogate was within the control limits; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides
Method 8081B: Internal standard (ISTD) response for the following sample exceeded the control limit on Column 0: 5-B27 (1-5) (500-268875-1). As such, the sample results associated with this ISTD were reported from the other column, which met ISTD acceptance criteria.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D: The method blank for preparation batch 500-819445 and analytical batch 500-819817 contained Manganese above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Job ID: 500-268875-3 — Eurofins Chicago

Job Narrative
500-268875-3

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/23/2025 4:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.7°C.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B27 (1-5) — Lab Sample ID: 500-268875-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.022		0.016	0.0066	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0058		0.0039	0.0017	mg/Kg	1	☼	8260D	Total/NA
Acenaphthene	0.29	F1	0.069	0.014	mg/Kg	2	☼	8270E	Total/NA
Acenaphthylene	0.054	J F1	0.069	0.012	mg/Kg	2	☼	8270E	Total/NA
Anthracene	0.26		0.069	0.014	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]anthracene	0.28		0.069	0.015	mg/Kg	2	☼	8270E	Total/NA
Benzo[a]pyrene	0.30		0.069	0.067	mg/Kg	2	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.48		0.069	0.066	mg/Kg	2	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.26	F1	0.069	0.031	mg/Kg	2	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.15		0.069	0.027	mg/Kg	2	☼	8270E	Total/NA
Chrysene	0.33		0.069	0.018	mg/Kg	2	☼	8270E	Total/NA
Dibenzofuran	0.19	J	0.35	0.025	mg/Kg	2	☼	8270E	Total/NA
Fluoranthene	0.65		0.069	0.016	mg/Kg	2	☼	8270E	Total/NA
Fluorene	0.41		0.069	0.021	mg/Kg	2	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.25	F1	0.069	0.068	mg/Kg	2	☼	8270E	Total/NA
2-Methylnaphthalene	0.20	F1	0.14	0.014	mg/Kg	2	☼	8270E	Total/NA
Naphthalene	0.11	F1	0.069	0.013	mg/Kg	2	☼	8270E	Total/NA
Phenanthrene	0.91	F2 F1	0.069	0.015	mg/Kg	2	☼	8270E	Total/NA
Pyrene	0.81		0.069	0.019	mg/Kg	2	☼	8270E	Total/NA
Arsenic	3.4		1.1	0.36	mg/Kg	1	☼	6010D	Total/NA
Barium	48		1.1	0.12	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.45		0.42	0.098	mg/Kg	1	☼	6010D	Total/NA
Boron	15		5.3	0.49	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.91		0.21	0.038	mg/Kg	1	☼	6010D	Total/NA
Chromium	15		1.1	0.52	mg/Kg	1	☼	6010D	Total/NA
Cobalt	4.5		2.6	0.69	mg/Kg	5	☼	6010D	Total/NA
Copper	12		1.1	0.29	mg/Kg	1	☼	6010D	Total/NA
Iron	15000		21	11	mg/Kg	1	☼	6010D	Total/NA
Lead	30		0.53	0.24	mg/Kg	1	☼	6010D	Total/NA
Magnesium	7900		11	5.2	mg/Kg	1	☼	6010D	Total/NA
Manganese	380	B	1.1	0.15	mg/Kg	1	☼	6010D	Total/NA
Nickel	13		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Silver	3.8		0.53	0.14	mg/Kg	1	☼	6010D	Total/NA
Thallium	2.5		1.1	0.52	mg/Kg	1	☼	6010D	Total/NA
Vanadium	19		2.6	0.62	mg/Kg	5	☼	6010D	Total/NA
Zinc	140		11	4.6	mg/Kg	5	☼	6010D	Total/NA
Iron	0.11	J	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	3.9		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.0059	J	0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	1.0		0.081	0.034	mg/Kg	5	☼	7471B	Total/NA
pH	7.4		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B27 (5-12) — Lab Sample ID: 500-268875-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.0		1.4	0.47	mg/Kg	1	☼	6010D	Total/NA
Barium	240		1.4	0.16	mg/Kg	1	☼	6010D	Total/NA
Beryllium	1.1		0.55	0.13	mg/Kg	1	☼	6010D	Total/NA
Boron	9.7		6.9	0.64	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.15	J	0.27	0.049	mg/Kg	1	☼	6010D	Total/NA
Chromium	29		1.4	0.68	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B27 (5-12) (Continued) — Lab Sample ID: 500-268875-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	18		0.69	0.18	mg/Kg	1	☼	6010D	Total/NA
Copper	13		1.4	0.38	mg/Kg	1	☼	6010D	Total/NA
Iron	33000		27	14	mg/Kg	1	☼	6010D	Total/NA
Lead	17		0.69	0.32	mg/Kg	1	☼	6010D	Total/NA
Magnesium	5100		14	6.8	mg/Kg	1	☼	6010D	Total/NA
Manganese	460	B	1.4	0.20	mg/Kg	1	☼	6010D	Total/NA
Nickel	23		1.4	0.40	mg/Kg	1	☼	6010D	Total/NA
Silver	7.7		0.69	0.18	mg/Kg	1	☼	6010D	Total/NA
Thallium	3.2		1.4	0.68	mg/Kg	1	☼	6010D	Total/NA
Vanadium	57		0.69	0.16	mg/Kg	1	☼	6010D	Total/NA
Zinc	110		2.7	1.2	mg/Kg	1	☼	6010D	Total/NA
Chromium	0.0018	J	0.010	0.0017	mg/L	1		6010D	TCLP
Iron	0.33		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	2.4		0.010	0.0023	mg/L	1		6010D	TCLP
Silver	0.0055		0.0050	0.0015	mg/L	1		6010D	TCLP
Manganese	0.57		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.040		0.023	0.0094	mg/Kg	1	☼	7471B	Total/NA
pH	7.6		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B28 (1-5) — Lab Sample ID: 500-268875-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Anthracene	0.0095	J	0.035	0.0071	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.040		0.035	0.0074	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.034	J	0.035	0.034	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.057		0.035	0.033	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.023	J	0.035	0.016	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.020	J	0.035	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.050		0.035	0.0092	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.094		0.035	0.0081	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.020	J	0.035	0.0063	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.060		0.035	0.0076	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.077		0.035	0.0095	mg/Kg	1	☼	8270E	Total/NA
Arsenic	4.5		0.96	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	72		0.96	0.11	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.71		0.39	0.090	mg/Kg	1	☼	6010D	Total/NA
Boron	8.5		4.8	0.45	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.11	J	0.19	0.035	mg/Kg	1	☼	6010D	Total/NA
Chromium	24		0.96	0.48	mg/Kg	1	☼	6010D	Total/NA
Cobalt	12		2.4	0.63	mg/Kg	5	☼	6010D	Total/NA
Copper	19		0.96	0.27	mg/Kg	1	☼	6010D	Total/NA
Iron	21000		19	10	mg/Kg	1	☼	6010D	Total/NA
Lead	12		0.48	0.22	mg/Kg	1	☼	6010D	Total/NA
Magnesium	3600		9.6	4.8	mg/Kg	1	☼	6010D	Total/NA
Manganese	300	B	0.96	0.14	mg/Kg	1	☼	6010D	Total/NA
Nickel	19		0.96	0.28	mg/Kg	1	☼	6010D	Total/NA
Silver	4.9		0.48	0.12	mg/Kg	1	☼	6010D	Total/NA
Thallium	2.1		0.96	0.48	mg/Kg	1	☼	6010D	Total/NA
Vanadium	49		2.4	0.57	mg/Kg	5	☼	6010D	Total/NA
Zinc	48		9.6	4.2	mg/Kg	5	☼	6010D	Total/NA
Chromium	0.0021	J	0.010	0.0017	mg/L	1		6010D	TCLP

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B28 (1-5) (Continued)

Lab Sample ID: 500-268875-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	1.7		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	0.40		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.074		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.020		0.018	0.0074	mg/Kg	1	☼	7471B	Total/NA
pH	7.1		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B28 (1-5)D

Lab Sample ID: 500-268875-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.066		0.037	0.0075	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.13		0.037	0.0076	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.33		0.037	0.0079	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.33		0.037	0.036	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.47		0.037	0.035	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.21		0.037	0.017	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.16		0.037	0.014	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.086	J	0.19	0.015	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.40		0.037	0.0098	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.052		0.037	0.037	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.029	J	0.19	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.86		0.037	0.0086	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.050		0.037	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.21		0.037	0.036	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.023	J	0.075	0.0074	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.020	J	0.037	0.0067	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.67		0.037	0.0081	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.80		0.037	0.010	mg/Kg	1	☼	8270E	Total/NA
Arsenic	5.4		1.1	0.37	mg/Kg	1	☼	6010D	Total/NA
Barium	100		1.1	0.12	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.71		0.44	0.10	mg/Kg	1	☼	6010D	Total/NA
Boron	8.9		5.5	0.51	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.16	J	0.22	0.039	mg/Kg	1	☼	6010D	Total/NA
Chromium	25		1.1	0.54	mg/Kg	1	☼	6010D	Total/NA
Cobalt	11		2.7	0.72	mg/Kg	5	☼	6010D	Total/NA
Copper	22		1.1	0.31	mg/Kg	1	☼	6010D	Total/NA
Iron	23000		22	11	mg/Kg	1	☼	6010D	Total/NA
Lead	24		0.55	0.25	mg/Kg	1	☼	6010D	Total/NA
Magnesium	4200		11	5.4	mg/Kg	1	☼	6010D	Total/NA
Manganese	510	B	1.1	0.16	mg/Kg	1	☼	6010D	Total/NA
Nickel	21		1.1	0.32	mg/Kg	1	☼	6010D	Total/NA
Silver	5.7		0.55	0.14	mg/Kg	1	☼	6010D	Total/NA
Thallium	3.4		1.1	0.55	mg/Kg	1	☼	6010D	Total/NA
Vanadium	47		2.7	0.65	mg/Kg	5	☼	6010D	Total/NA
Zinc	52		11	4.8	mg/Kg	5	☼	6010D	Total/NA
Iron	0.29		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	0.84		0.010	0.0023	mg/L	1		6010D	TCLP
Silver	0.0022	J	0.0050	0.0015	mg/L	1		6010D	TCLP
Manganese	0.019		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.022		0.018	0.0074	mg/Kg	1	☼	7471B	Total/NA
pH	7.1		0.2	0.2	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B28 (5-12) — Lab Sample ID: 500-268875-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.013	J	0.015	0.0063	mg/Kg	1	☼	8260D	Total/NA
Anthracene	0.016	J	0.037	0.0077	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.033	J	0.037	0.0080	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.042		0.037	0.036	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.023	J	0.037	0.017	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.037		0.037	0.0099	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.020	J	0.19	0.013	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.013	J	0.19	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.063		0.037	0.0087	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.013	J	0.037	0.011	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.087		0.076	0.0075	mg/Kg	1	☼	8270E	Total/NA
2-Methylphenol	0.030	J	0.19	0.020	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.077		0.037	0.0068	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.11		0.037	0.0082	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.060		0.037	0.010	mg/Kg	1	☼	8270E	Total/NA
Arsenic	6.5		0.98	0.34	mg/Kg	1	☼	6010D	Total/NA
Barium	90		0.98	0.11	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.60		0.39	0.092	mg/Kg	1	☼	6010D	Total/NA
Boron	6.1		4.9	0.46	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.28		0.20	0.035	mg/Kg	1	☼	6010D	Total/NA
Chromium	27		0.98	0.49	mg/Kg	1	☼	6010D	Total/NA
Cobalt	21		2.5	0.64	mg/Kg	5	☼	6010D	Total/NA
Copper	28		0.98	0.28	mg/Kg	1	☼	6010D	Total/NA
Iron	31000		20	10	mg/Kg	1	☼	6010D	Total/NA
Lead	42		0.49	0.23	mg/Kg	1	☼	6010D	Total/NA
Magnesium	3400		9.8	4.9	mg/Kg	1	☼	6010D	Total/NA
Manganese	4000	B	4.9	0.71	mg/Kg	5	☼	6010D	Total/NA
Nickel	29		0.98	0.29	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.5		0.98	0.58	mg/Kg	1	☼	6010D	Total/NA
Silver	4.0		2.5	0.63	mg/Kg	5	☼	6010D	Total/NA
Thallium	6.0		4.9	2.5	mg/Kg	5	☼	6010D	Total/NA
Vanadium	34		2.5	0.58	mg/Kg	5	☼	6010D	Total/NA
Zinc	82		9.8	4.3	mg/Kg	5	☼	6010D	Total/NA
Chromium	0.0035	J	0.010	0.0017	mg/L	1		6010D	TCLP
Iron	0.80		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	4.6		0.010	0.0023	mg/L	1		6010D	TCLP
Silver	0.010		0.0050	0.0015	mg/L	1		6010D	TCLP
Selenium	0.010	B	0.010	0.0053	mg/L	1		6010D	TCLP
Manganese	1.3		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.016	J	0.018	0.0074	mg/Kg	1	☼	7471B	Total/NA
pH	6.6		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B29 (1-5) — Lab Sample ID: 500-268875-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthene	0.021	J	0.037	0.0075	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.081		0.037	0.0075	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.42		0.037	0.0078	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.36		0.037	0.036	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.55		0.037	0.035	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.19		0.037	0.017	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Client Sample ID: 5-B29 (1-5) (Continued)

Lab Sample ID: 500-268875-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[k]fluoranthene	0.23		0.037	0.014	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.061	J	0.19	0.015	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.49		0.037	0.0097	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.055		0.037	0.037	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.96		0.037	0.0086	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.019	J	0.037	0.011	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.19		0.037	0.036	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.0085	J	0.037	0.0067	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.42		0.037	0.0080	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.84		0.037	0.010	mg/Kg	1	☼	8270E	Total/NA
PCB-1248	0.017	J	0.019	0.0089	mg/Kg	1	☼	8082A	Total/NA
Arsenic	4.5		0.97	0.33	mg/Kg	1	☼	6010D	Total/NA
Barium	82		0.97	0.11	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.60		0.39	0.091	mg/Kg	1	☼	6010D	Total/NA
Boron	5.8		4.9	0.45	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.15	J	0.19	0.035	mg/Kg	1	☼	6010D	Total/NA
Chromium	21		0.97	0.48	mg/Kg	1	☼	6010D	Total/NA
Cobalt	8.9		2.4	0.64	mg/Kg	5	☼	6010D	Total/NA
Copper	17		0.97	0.27	mg/Kg	1	☼	6010D	Total/NA
Iron	19000		19	10	mg/Kg	1	☼	6010D	Total/NA
Lead	28		0.49	0.22	mg/Kg	1	☼	6010D	Total/NA
Magnesium	3100		9.7	4.8	mg/Kg	1	☼	6010D	Total/NA
Manganese	530	B	0.97	0.14	mg/Kg	1	☼	6010D	Total/NA
Nickel	17		0.97	0.28	mg/Kg	1	☼	6010D	Total/NA
Silver	4.8		0.49	0.13	mg/Kg	1	☼	6010D	Total/NA
Thallium	3.6		0.97	0.49	mg/Kg	1	☼	6010D	Total/NA
Vanadium	37		2.4	0.57	mg/Kg	5	☼	6010D	Total/NA
Zinc	47		9.7	4.3	mg/Kg	5	☼	6010D	Total/NA
Iron	0.19	J	0.20	0.082	mg/L	1		6010D	TCLP
Manganese	4.3		0.010	0.0023	mg/L	1		6010D	TCLP
Silver	0.0095		0.0050	0.0015	mg/L	1		6010D	TCLP
Manganese	0.16		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.020		0.018	0.0074	mg/Kg	1	☼	7471B	Total/NA
pH	6.8		0.2	0.2	SU	1		9045D	Total/NA

Client Sample ID: 5-B29 (5-12)

Lab Sample ID: 500-268875-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.028		0.020	0.0084	mg/Kg	1	☼	8260D	Total/NA
2-Butanone (MEK)	0.0084		0.0050	0.0022	mg/Kg	1	☼	8260D	Total/NA
Fluoranthene	0.059	J	0.089	0.021	mg/Kg	2	☼	8270E	Total/NA
Phenanthrene	0.046	J	0.089	0.019	mg/Kg	2	☼	8270E	Total/NA
Phenol	0.042	J	0.45	0.039	mg/Kg	2	☼	8270E	Total/NA
Pyrene	0.045	J	0.089	0.024	mg/Kg	2	☼	8270E	Total/NA
Arsenic	3.7		1.2	0.42	mg/Kg	1	☼	6010D	Total/NA
Barium	180		1.2	0.14	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.80		0.49	0.11	mg/Kg	1	☼	6010D	Total/NA
Boron	14		6.1	0.57	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.62		0.25	0.044	mg/Kg	1	☼	6010D	Total/NA
Chromium	20		1.2	0.61	mg/Kg	1	☼	6010D	Total/NA
Cobalt	6.0		0.61	0.16	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B29 (5-12) (Continued)

Lab Sample ID: 500-268875-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Copper	24		1.2	0.34	mg/Kg	1	☼	6010D	Total/NA
Iron	17000		25	13	mg/Kg	1	☼	6010D	Total/NA
Lead	23		0.61	0.28	mg/Kg	1	☼	6010D	Total/NA
Magnesium	4000		12	6.1	mg/Kg	1	☼	6010D	Total/NA
Manganese	330	B	1.2	0.18	mg/Kg	1	☼	6010D	Total/NA
Nickel	22		1.2	0.36	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.86	J	1.2	0.72	mg/Kg	1	☼	6010D	Total/NA
Silver	4.2		0.61	0.16	mg/Kg	1	☼	6010D	Total/NA
Thallium	2.4		1.2	0.61	mg/Kg	1	☼	6010D	Total/NA
Vanadium	32		0.61	0.14	mg/Kg	1	☼	6010D	Total/NA
Zinc	83		2.5	1.1	mg/Kg	1	☼	6010D	Total/NA
Iron	0.90		0.20	0.082	mg/L	1		6010D	TCLP
Manganese	4.3		0.010	0.0023	mg/L	1		6010D	TCLP
Manganese	0.51		0.010	0.0023	mg/L	1		6010D	SPLP East
Mercury	0.042		0.021	0.0087	mg/Kg	1	☼	7471B	Total/NA
pH	7.0		0.2	0.2	SU	1		9045D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: 5-B27 (1-5)
Date Collected: 05/23/25 11:25
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-1
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.022**		0.016	0.0066	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Benzene	<0.0016		0.0016	0.00049	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Bromodichloromethane	<0.0016		0.0016	0.00050	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Bromoform	<0.0016		0.0016	0.00091	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Bromomethane	<0.0039	*+	0.0039	0.0019	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
2-Butanone (MEK)	**0.0058**		0.0039	0.0017	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Carbon disulfide	<0.0039		0.0039	0.00072	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Carbon tetrachloride	<0.0016		0.0016	0.00053	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Chlorobenzene	<0.0016		0.0016	0.00066	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Chloroethane	<0.0039	*+	0.0039	0.0013	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Chloroform	<0.0016		0.0016	0.0011	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Chloromethane	<0.0039		0.0039	0.00076	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
cis-1,2-Dichloroethene	<0.0016		0.0016	0.00063	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
cis-1,3-Dichloropropene	<0.0016		0.0016	0.00063	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Dibromochloromethane	<0.0016		0.0016	0.00073	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
1,1-Dichloroethane	<0.0016		0.0016	0.00059	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
1,2-Dichloroethane	<0.0039		0.0039	0.0010	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
1,1-Dichloroethene	<0.0016		0.0016	0.00064	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
1,2-Dichloropropane	<0.0016		0.0016	0.00040	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Ethylbenzene	<0.0016		0.0016	0.00082	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
2-Hexanone	<0.0039		0.0039	0.0024	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Methylene Chloride	<0.0039		0.0039	0.0017	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
4-Methyl-2-pentanone (MIBK)	<0.0039		0.0039	0.0028	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Methyl tert-butyl ether	<0.0016		0.0016	0.00051	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Styrene	<0.0016		0.0016	0.00071	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
1,1,2,2-Tetrachloroethane	<0.0016		0.0016	0.00078	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Tetrachloroethene	<0.0016		0.0016	0.00088	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Toluene	<0.0016		0.0016	0.00032	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
trans-1,2-Dichloroethene	<0.0016	*+	0.0016	0.00059	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
trans-1,3-Dichloropropene	<0.0016		0.0016	0.00075	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
1,1,1-Trichloroethane	<0.0016		0.0016	0.00063	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
1,1,2-Trichloroethane	<0.0016		0.0016	0.00059	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Trichloroethene	<0.0016		0.0016	0.00043	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Vinyl acetate	<0.0039		0.0039	0.00094	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Vinyl chloride	<0.0016	*+	0.0016	0.00064	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
Xylenes, Total	<0.0031		0.0031	0.00054	mg/Kg	☼	05/24/25 09:17	06/04/25 16:20	1
1,3-Dichloropropene, Total	<1.6		1.6	0.75	ug/Kg	☼	05/24/25 09:17	06/04/25 16:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*75 - 131*	*05/24/25 09:17*	*06/04/25 16:20*	*1*
Dibromofluoromethane	*99*		*75 - 126*	*05/24/25 09:17*	*06/04/25 16:20*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*70 - 134*	*05/24/25 09:17*	*06/04/25 16:20*	*1*
Toluene-d8 (Surr)	*103*		*75 - 124*	*05/24/25 09:17*	*06/04/25 16:20*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.29**	**F1**	0.069	0.014	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Acenaphthylene	**0.054**	**J F1**	0.069	0.012	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Anthracene	**0.26**		0.069	0.014	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Benzo[a]anthracene	**0.28**		0.069	0.015	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B27 (1-5)
Date Collected: 05/23/25 11:25
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-1
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.30**		0.069	0.067	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Benzo[b]fluoranthene	**0.48**		0.069	0.066	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Benzo[g,h,i]perylene	**0.26**	**F1**	0.069	0.031	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Benzo[k]fluoranthene	**0.15**		0.069	0.027	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Bis(2-chloroethoxy)methane	<0.35		0.35	0.026	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Bis(2-chloroethyl)ether	<0.35		0.35	0.032	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Bis(2-ethylhexyl) phthalate	<0.35		0.35	0.27	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
4-Bromophenyl phenyl ether	<0.35	F1	0.35	0.048	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Butyl benzyl phthalate	<0.35		0.35	0.035	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Carbazole	<0.35		0.35	0.028	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
4-Chloroaniline	<1.4		1.4	0.73	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
4-Chloro-3-methylphenol	<0.69		0.69	0.058	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
2-Chloronaphthalene	<0.35	F1	0.35	0.026	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
2-Chlorophenol	<0.35	F1	0.35	0.023	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
4-Chlorophenyl phenyl ether	<0.35	F1	0.35	0.092	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Chrysene	**0.33**		0.069	0.018	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Dibenz(a,h)anthracene	<0.069	F1	0.069	0.069	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Dibenzofuran	**0.19**	**J**	0.35	0.025	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
1,2-Dichlorobenzene	<0.35	F1	0.35	0.028	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
1,3-Dichlorobenzene	<0.35	F1	0.35	0.032	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
1,4-Dichlorobenzene	<0.35	F1	0.35	0.033	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
3,3'-Dichlorobenzidine	<0.35		0.35	0.31	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
2,4-Dichlorophenol	<0.69	F1	0.69	0.025	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Diethyl phthalate	<0.35		0.35	0.032	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
2,4-Dimethylphenol	<0.69		0.69	0.16	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Dimethyl phthalate	<0.35	F1	0.35	0.015	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Di-n-butyl phthalate	<0.35		0.35	0.022	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
4,6-Dinitro-2-methylphenol	<1.4	F2	1.4	0.39	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
2,4-Dinitrophenol	<1.4	F2 F1	1.4	0.40	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
2,4-Dinitrotoluene	<0.35	F1	0.35	0.040	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
2,6-Dinitrotoluene	<0.35	F1	0.35	0.049	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Di-n-octyl phthalate	<0.69		0.69	0.49	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Fluoranthene	**0.65**		0.069	0.016	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Fluorene	**0.41**		0.069	0.021	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Hexachlorobenzene	<0.14	F1	0.14	0.013	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Hexachlorobutadiene	<0.35	F1	0.35	0.039	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Hexachlorocyclopentadiene	<1.4	F1	1.4	0.74	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Hexachloroethane	<0.35	F1	0.35	0.035	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Indeno[1,2,3-cd]pyrene	**0.25**	**F1**	0.069	0.068	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Isophorone	<0.35		0.35	0.036	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
2-Methylnaphthalene	**0.20**	**F1**	0.14	0.014	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
2-Methylphenol	<0.35		0.35	0.037	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
3 & 4 Methylphenol	<0.35		0.35	0.051	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Naphthalene	**0.11**	**F1**	0.069	0.013	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
2-Nitroaniline	<0.35		0.35	0.037	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
3-Nitroaniline	<0.69		0.69	0.032	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
4-Nitroaniline	<0.69		0.69	0.052	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Nitrobenzene	<0.069		0.069	0.022	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
2-Nitrophenol	<0.69	F1	0.69	0.047	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2

Client Sample ID: 5-B27 (1-5)
Date Collected: 05/23/25 11:25
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-1
Matrix: Solid
Percent Solids: 89.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<1.4		1.4	0.76	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
N-Nitrosodi-n-propylamine	<0.14		0.14	0.040	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
N-Nitrosodiphenylamine	<0.35	F1	0.35	0.14	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
2,2'-oxybis[1-chloropropane]	<0.35		0.35	0.050	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Pentachlorophenol	<1.4		1.4	0.78	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Phenanthrene	**0.91**	**F2 F1**	0.069	0.015	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Phenol	<0.35		0.35	0.030	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
Pyrene	**0.81**		0.069	0.019	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
1,2,4-Trichlorobenzene	<0.35	F1	0.35	0.050	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
2,4,5-Trichlorophenol	<0.69		0.69	0.026	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2
2,4,6-Trichlorophenol	<0.69		0.69	0.024	mg/Kg	☼	05/29/25 07:33	05/30/25 22:43	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*73*		*43 - 145*	*05/29/25 07:33*	*05/30/25 22:43*	*2*
2-Fluorophenol	*80*		*31 - 166*	*05/29/25 07:33*	*05/30/25 22:43*	*2*
Nitrobenzene-d5 (Surr)	*78*		*37 - 147*	*05/29/25 07:33*	*05/30/25 22:43*	*2*
Phenol-d5	*87*		*30 - 153*	*05/29/25 07:33*	*05/30/25 22:43*	*2*
Terphenyl-d14 (Surr)	*75*		*42 - 157*	*05/29/25 07:33*	*05/30/25 22:43*	*2*
2,4,6-Tribromophenol	*60*		*31 - 143*	*05/29/25 07:33*	*05/30/25 22:43*	*2*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.9		1.9	1.1	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
beta-BHC	<1.9		1.9	1.5	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
delta-BHC	<1.9		1.9	0.90	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
gamma-BHC (Lindane)	<1.9		1.9	0.94	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
Heptachlor	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
Aldrin	<1.9		1.9	1.3	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
Heptachlor epoxide	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
Endosulfan I	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
Dieldrin	<1.9		1.9	0.98	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
4,4'-DDE	<1.9		1.9	0.97	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
Endrin	<1.9		1.9	0.96	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
Endosulfan II	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
4,4'-DDD	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
Endosulfan sulfate	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
4,4'-DDT	<1.9		1.9	0.89	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
Methoxychlor	<9.3		9.3	1.2	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
Endrin ketone	<1.9		1.9	0.92	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
Endrin aldehyde	<1.9		1.9	1.1	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
alpha-Chlordane	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
gamma-Chlordane	<1.9		1.9	1.1	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1
Toxaphene	<19		19	7.5	ug/Kg	☼	05/27/25 14:12	06/09/25 13:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*76*		*33 - 148*	*05/27/25 14:12*	*06/09/25 13:06*	*1*
Tetrachloro-m-xylene	*84*		*30 - 121*	*05/27/25 14:12*	*06/09/25 13:06*	*1*

Client Sample ID: 5-B27 (1-5)

Date Collected: 05/23/25 11:25
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-1

Matrix: Solid
Percent Solids: 89.3

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.019		0.019	0.0073	mg/Kg	☼	05/27/25 14:12	05/28/25 22:58	1
PCB-1221	<0.019		0.019	0.0073	mg/Kg	☼	05/27/25 14:12	05/28/25 22:58	1
PCB-1232	<0.019		0.019	0.0050	mg/Kg	☼	05/27/25 14:12	05/28/25 22:58	1
PCB-1242	<0.019		0.019	0.0072	mg/Kg	☼	05/27/25 14:12	05/28/25 22:58	1
PCB-1248	<0.019		0.019	0.0088	mg/Kg	☼	05/27/25 14:12	05/28/25 22:58	1
PCB-1254	<0.019		0.019	0.0063	mg/Kg	☼	05/27/25 14:12	05/28/25 22:58	1
PCB-1260	<0.019		0.019	0.0070	mg/Kg	☼	05/27/25 14:12	05/28/25 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*49 - 129*	*05/27/25 14:12*	*05/28/25 22:58*	*1*
DCB Decachlorobiphenyl	*36*	*S1-*	*37 - 121*	*05/27/25 14:12*	*05/28/25 22:58*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.1		2.1	0.41	mg/Kg	☼	05/29/25 08:59	05/30/25 17:16	1
Arsenic	**3.4**		1.1	0.36	mg/Kg	☼	05/29/25 08:59	05/30/25 17:16	1
Barium	**48**		1.1	0.12	mg/Kg	☼	05/29/25 08:59	05/30/25 17:16	1
Beryllium	**0.45**		0.42	0.098	mg/Kg	☼	05/29/25 08:59	05/30/25 17:16	1
Boron	**15**		5.3	0.49	mg/Kg	☼	05/29/25 08:59	05/30/25 17:16	1
Cadmium	**0.91**		0.21	0.038	mg/Kg	☼	05/29/25 08:59	05/30/25 17:16	1
Chromium	**15**		1.1	0.52	mg/Kg	☼	05/29/25 08:59	05/30/25 17:16	1
Cobalt	**4.5**		2.6	0.69	mg/Kg	☼	05/29/25 08:59	06/02/25 15:24	5
Copper	**12**		1.1	0.29	mg/Kg	☼	05/29/25 08:59	05/30/25 17:16	1
Iron	**15000**		21	11	mg/Kg	☼	05/29/25 08:59	05/30/25 17:16	1
Lead	**30**		0.53	0.24	mg/Kg	☼	05/29/25 08:59	05/30/25 17:16	1
Magnesium	**7900**		11	5.2	mg/Kg	☼	05/29/25 08:59	05/30/25 17:16	1
Manganese	**380**	**B**	1.1	0.15	mg/Kg	☼	05/29/25 08:59	05/30/25 17:16	1
Nickel	**13**		1.1	0.31	mg/Kg	☼	05/29/25 08:59	05/30/25 17:16	1
Selenium	<1.1		1.1	0.62	mg/Kg	☼	05/29/25 08:59	05/30/25 17:16	1
Silver	**3.8**		0.53	0.14	mg/Kg	☼	05/29/25 08:59	05/30/25 17:16	1
Thallium	**2.5**		1.1	0.52	mg/Kg	☼	05/29/25 08:59	05/30/25 17:16	1
Vanadium	**19**		2.6	0.62	mg/Kg	☼	05/29/25 08:59	06/02/25 15:24	5
Zinc	**140**		11	4.6	mg/Kg	☼	05/29/25 08:59	06/02/25 15:24	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.11**	**J**	0.20	0.082	mg/L		05/29/25 14:20	05/30/25 23:34	1
Manganese	**3.9**		0.010	0.0023	mg/L		05/29/25 14:20	05/30/25 23:34	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.0059**	**J**	0.010	0.0023	mg/L		05/29/25 14:20	05/30/25 22:36	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**1.0**		0.081	0.034	mg/Kg	☼	06/05/25 15:20	06/06/25 12:03	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.24		0.24	0.12	mg/Kg	☼	05/28/25 14:47	05/28/25 17:45	1
pH (SW846 9045D)	**7.4**		0.2	0.2	SU			05/27/25 15:33	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B27 (5-12)
Date Collected: 05/23/25 11:30
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-2
Matrix: Solid
Percent Solids: 67.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.019		0.019	0.0081	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Benzene	<0.0019		0.0019	0.00061	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Bromodichloromethane	<0.0019		0.0019	0.00062	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Bromoform	<0.0019		0.0019	0.0011	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Bromomethane	<0.0049	*+	0.0049	0.0024	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
2-Butanone (MEK)	<0.0049		0.0049	0.0021	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Carbon disulfide	<0.0049		0.0049	0.00089	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Carbon tetrachloride	<0.0019		0.0019	0.00066	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Chlorobenzene	<0.0019		0.0019	0.00082	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Chloroethane	<0.0049	*+	0.0049	0.0016	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Chloroform	<0.0019		0.0019	0.0014	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Chloromethane	<0.0049		0.0049	0.00094	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
cis-1,2-Dichloroethene	<0.0019		0.0019	0.00078	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
cis-1,3-Dichloropropene	<0.0019		0.0019	0.00078	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Dibromochloromethane	<0.0019		0.0019	0.00090	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
1,1-Dichloroethane	<0.0019		0.0019	0.00073	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
1,2-Dichloroethane	<0.0049		0.0049	0.0013	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
1,1-Dichloroethene	<0.0019		0.0019	0.00080	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
1,2-Dichloropropane	<0.0019		0.0019	0.00050	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Ethylbenzene	<0.0019		0.0019	0.0010	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
2-Hexanone	<0.0049		0.0049	0.0029	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Methylene Chloride	<0.0049		0.0049	0.0021	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
4-Methyl-2-pentanone (MIBK)	<0.0049		0.0049	0.0035	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Methyl tert-butyl ether	<0.0019		0.0019	0.00063	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Styrene	<0.0019		0.0019	0.00087	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
1,1,2,2-Tetrachloroethane	<0.0019		0.0019	0.00096	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Tetrachloroethene	<0.0019		0.0019	0.0011	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Toluene	<0.0019		0.0019	0.00039	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
trans-1,2-Dichloroethene	<0.0019	*+	0.0019	0.00073	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
trans-1,3-Dichloropropene	<0.0019		0.0019	0.00093	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
1,1,1-Trichloroethane	<0.0019		0.0019	0.00079	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
1,1,2-Trichloroethane	<0.0019		0.0019	0.00073	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Trichloroethene	<0.0019		0.0019	0.00053	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Vinyl acetate	<0.0049		0.0049	0.0012	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Vinyl chloride	<0.0019	*+	0.0019	0.00079	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
Xylenes, Total	<0.0039		0.0039	0.00067	mg/Kg	☼	05/24/25 09:17	06/04/25 16:46	1
1,3-Dichloropropene, Total	<1.9		1.9	0.93	ug/Kg	☼	05/24/25 09:17	06/04/25 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*75 - 131*	*05/24/25 09:17*	*06/04/25 16:46*	*1*
Dibromofluoromethane	*100*		*75 - 126*	*05/24/25 09:17*	*06/04/25 16:46*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 134*	*05/24/25 09:17*	*06/04/25 16:46*	*1*
Toluene-d8 (Surr)	*102*		*75 - 124*	*05/24/25 09:17*	*06/04/25 16:46*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.047		0.047	0.0096	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Acenaphthylene	<0.047		0.047	0.0080	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Anthracene	<0.047		0.047	0.0096	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Benzo[a]anthracene	<0.047		0.047	0.010	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1

Client Sample ID: 5-B27 (5-12)
Date Collected: 05/23/25 11:30
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-2
Matrix: Solid
Percent Solids: 67.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.047		0.047	0.045	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Benzo[b]fluoranthene	<0.047		0.047	0.045	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Benzo[g,h,i]perylene	<0.047		0.047	0.021	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Benzo[k]fluoranthene	<0.047		0.047	0.018	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Bis(2-chloroethoxy)methane	<0.24		0.24	0.018	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Bis(2-chloroethyl)ether	<0.24		0.24	0.022	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Bis(2-ethylhexyl) phthalate	<0.24		0.24	0.18	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
4-Bromophenyl phenyl ether	<0.24		0.24	0.032	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Butyl benzyl phthalate	<0.24		0.24	0.023	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Carbazole	<0.24		0.24	0.019	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
4-Chloroaniline	<0.95		0.95	0.49	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
4-Chloro-3-methylphenol	<0.47		0.47	0.039	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
2-Chloronaphthalene	<0.24		0.24	0.018	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
2-Chlorophenol	<0.24		0.24	0.015	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
4-Chlorophenyl phenyl ether	<0.24		0.24	0.062	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Chrysene	<0.047		0.047	0.012	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Dibenz(a,h)anthracene	<0.047		0.047	0.047	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Dibenzofuran	<0.24		0.24	0.017	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
1,2-Dichlorobenzene	<0.24		0.24	0.019	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
1,3-Dichlorobenzene	<0.24		0.24	0.021	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
1,4-Dichlorobenzene	<0.24		0.24	0.022	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
3,3'-Dichlorobenzidine	<0.24		0.24	0.21	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
2,4-Dichlorophenol	<0.47		0.47	0.017	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Diethyl phthalate	<0.24		0.24	0.022	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
2,4-Dimethylphenol	<0.47		0.47	0.11	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Dimethyl phthalate	<0.24		0.24	0.010	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Di-n-butyl phthalate	<0.24		0.24	0.015	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
4,6-Dinitro-2-methylphenol	<0.95		0.95	0.26	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
2,4-Dinitrophenol	<0.95		0.95	0.27	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
2,4-Dinitrotoluene	<0.24		0.24	0.027	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
2,6-Dinitrotoluene	<0.24		0.24	0.033	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Di-n-octyl phthalate	<0.47		0.47	0.33	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Fluoranthene	<0.047		0.047	0.011	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Fluorene	<0.047		0.047	0.014	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Hexachlorobenzene	<0.095		0.095	0.0090	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Hexachlorobutadiene	<0.24		0.24	0.026	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Hexachlorocyclopentadiene	<0.95		0.95	0.50	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Hexachloroethane	<0.24		0.24	0.024	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Indeno[1,2,3-cd]pyrene	<0.047		0.047	0.046	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Isophorone	<0.24		0.24	0.024	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
2-Methylnaphthalene	<0.095		0.095	0.0094	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
2-Methylphenol	<0.24		0.24	0.025	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
3 & 4 Methylphenol	<0.24		0.24	0.034	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Naphthalene	<0.047		0.047	0.0085	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
2-Nitroaniline	<0.24		0.24	0.025	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
3-Nitroaniline	<0.47		0.47	0.021	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
4-Nitroaniline	<0.47		0.47	0.035	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Nitrobenzene	<0.047		0.047	0.015	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
2-Nitrophenol	<0.47		0.47	0.032	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1

Client Sample ID: 5-B27 (5-12)

Date Collected: 05/23/25 11:30
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-2

Matrix: Solid
Percent Solids: 67.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.95		0.95	0.51	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
N-Nitrosodi-n-propylamine	<0.095		0.095	0.027	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
N-Nitrosodiphenylamine	<0.24		0.24	0.093	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
2,2'-oxybis[1-chloropropane]	<0.24		0.24	0.034	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Pentachlorophenol	<0.95		0.95	0.53	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Phenanthrene	<0.047		0.047	0.010	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Phenol	<0.24		0.24	0.020	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
Pyrene	<0.047		0.047	0.013	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
1,2,4-Trichlorobenzene	<0.24		0.24	0.034	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
2,4,5-Trichlorophenol	<0.47		0.47	0.018	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1
2,4,6-Trichlorophenol	<0.47		0.47	0.016	mg/Kg	☼	05/29/25 07:33	05/29/25 16:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*73*		*43 - 145*	*05/29/25 07:33*	*05/29/25 16:35*	*1*
2-Fluorophenol	*69*		*31 - 166*	*05/29/25 07:33*	*05/29/25 16:35*	*1*
Nitrobenzene-d5 (Surr)	*61*		*37 - 147*	*05/29/25 07:33*	*05/29/25 16:35*	*1*
Phenol-d5	*64*		*30 - 153*	*05/29/25 07:33*	*05/29/25 16:35*	*1*
Terphenyl-d14 (Surr)	*100*		*42 - 157*	*05/29/25 07:33*	*05/29/25 16:35*	*1*
2,4,6-Tribromophenol	*89*		*31 - 143*	*05/29/25 07:33*	*05/29/25 16:35*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.7		2.7	0.53	mg/Kg	☼	05/29/25 08:59	05/30/25 17:21	1
Arsenic	**7.0**		1.4	0.47	mg/Kg	☼	05/29/25 08:59	05/30/25 17:21	1
Barium	**240**		1.4	0.16	mg/Kg	☼	05/29/25 08:59	05/30/25 17:21	1
Beryllium	**1.1**		0.55	0.13	mg/Kg	☼	05/29/25 08:59	05/30/25 17:21	1
Boron	**9.7**		6.9	0.64	mg/Kg	☼	05/29/25 08:59	05/30/25 17:21	1
Cadmium	**0.15**	**J**	0.27	0.049	mg/Kg	☼	05/29/25 08:59	05/30/25 17:21	1
Chromium	**29**		1.4	0.68	mg/Kg	☼	05/29/25 08:59	05/30/25 17:21	1
Cobalt	**18**		0.69	0.18	mg/Kg	☼	05/29/25 08:59	05/30/25 17:21	1
Copper	**13**		1.4	0.38	mg/Kg	☼	05/29/25 08:59	05/30/25 17:21	1
Iron	**33000**		27	14	mg/Kg	☼	05/29/25 08:59	05/30/25 17:21	1
Lead	**17**		0.69	0.32	mg/Kg	☼	05/29/25 08:59	05/30/25 17:21	1
Magnesium	**5100**		14	6.8	mg/Kg	☼	05/29/25 08:59	05/30/25 17:21	1
Manganese	**460**	**B**	1.4	0.20	mg/Kg	☼	05/29/25 08:59	05/30/25 17:21	1
Nickel	**23**		1.4	0.40	mg/Kg	☼	05/29/25 08:59	05/30/25 17:21	1
Selenium	<1.4		1.4	0.81	mg/Kg	☼	05/29/25 08:59	05/30/25 17:21	1
Silver	**7.7**		0.69	0.18	mg/Kg	☼	05/29/25 08:59	05/30/25 17:21	1
Thallium	**3.2**		1.4	0.68	mg/Kg	☼	05/29/25 08:59	05/30/25 17:21	1
Vanadium	**57**		0.69	0.16	mg/Kg	☼	05/29/25 08:59	05/30/25 17:21	1
Zinc	**110**		2.7	1.2	mg/Kg	☼	05/29/25 08:59	06/02/25 15:28	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0018**	**J**	0.010	0.0017	mg/L		05/29/25 14:20	06/02/25 19:12	1
Iron	**0.33**		0.20	0.082	mg/L		05/29/25 14:20	05/30/25 23:38	1
Manganese	**2.4**		0.010	0.0023	mg/L		05/29/25 14:20	05/30/25 23:38	1
Silver	**0.0055**		0.0050	0.0015	mg/L		05/29/25 14:20	05/30/25 23:38	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B27 (5-12)
Date Collected: 05/23/25 11:30
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-2
Matrix: Solid
Percent Solids: 67.7

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.57		0.010	0.0023	mg/L		05/29/25 14:20	05/30/25 22:54	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.0020		0.0020	0.00057	mg/L		05/29/25 14:20	06/04/25 16:35	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.040		0.023	0.0094	mg/Kg	☼	06/05/25 15:20	06/06/25 11:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.31		0.31	0.16	mg/Kg	☼	05/28/25 14:47	05/28/25 17:46	1
pH (SW846 9045D)	7.6		0.2	0.2	SU			05/27/25 15:36	1

Client Sample ID: 5-B28 (1-5)

Date Collected: 05/23/25 11:55
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-3

Matrix: Solid
Percent Solids: 89.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0061	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Benzene	<0.0015		0.0015	0.00046	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Bromodichloromethane	<0.0015		0.0015	0.00047	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Bromoform	<0.0015		0.0015	0.00085	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Bromomethane	<0.0037	*+	0.0037	0.0018	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
2-Butanone (MEK)	<0.0037		0.0037	0.0016	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Carbon disulfide	<0.0037		0.0037	0.00067	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Carbon tetrachloride	<0.0015		0.0015	0.00050	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Chlorobenzene	<0.0015		0.0015	0.00062	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Chloroethane	<0.0037	*+	0.0037	0.0012	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Chloromethane	<0.0037		0.0037	0.00071	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00059	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00059	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Dibromochloromethane	<0.0015		0.0015	0.00068	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
1,1-Dichloroethane	<0.0015		0.0015	0.00055	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
1,2-Dichloroethane	<0.0037		0.0037	0.00095	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
1,1-Dichloroethene	<0.0015		0.0015	0.00060	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Ethylbenzene	<0.0015		0.0015	0.00077	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
2-Hexanone	<0.0037		0.0037	0.0022	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Methylene Chloride	<0.0037		0.0037	0.0016	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
4-Methyl-2-pentanone (MIBK)	<0.0037		0.0037	0.0026	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00047	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Styrene	<0.0015		0.0015	0.00066	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00073	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Tetrachloroethene	<0.0015		0.0015	0.00082	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Toluene	<0.0015		0.0015	0.00029	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
trans-1,2-Dichloroethene	<0.0015	*+	0.0015	0.00055	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00070	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00059	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00055	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Trichloroethene	<0.0015		0.0015	0.00040	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Vinyl acetate	<0.0037		0.0037	0.00087	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Vinyl chloride	<0.0015	*+	0.0015	0.00060	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
Xylenes, Total	<0.0029		0.0029	0.00050	mg/Kg	☼	05/24/25 09:17	06/04/25 17:12	1
1,3-Dichloropropene, Total	<1.5		1.5	0.70	ug/Kg	☼	05/24/25 09:17	06/04/25 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*75 - 131*	*05/24/25 09:17*	*06/04/25 17:12*	*1*
Dibromofluoromethane	*99*		*75 - 126*	*05/24/25 09:17*	*06/04/25 17:12*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 134*	*05/24/25 09:17*	*06/04/25 17:12*	*1*
Toluene-d8 (Surr)	*104*		*75 - 124*	*05/24/25 09:17*	*06/04/25 17:12*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.035		0.035	0.0071	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Acenaphthylene	<0.035		0.035	0.0059	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Anthracene	**0.0095**	**J**	0.035	0.0071	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Benzo[a]anthracene	**0.040**		0.035	0.0074	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B28 (1-5)
Date Collected: 05/23/25 11:55
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-3
Matrix: Solid
Percent Solids: 89.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.034**	**J**	0.035	0.034	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Benzo[b]fluoranthene	**0.057**		0.035	0.033	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Benzo[g,h,i]perylene	**0.023**	**J**	0.035	0.016	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Benzo[k]fluoranthene	**0.020**	**J**	0.035	0.013	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.013	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.14	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.024	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Butyl benzyl phthalate	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Carbazole	<0.18		0.18	0.014	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
4-Chloroaniline	<0.71		0.71	0.37	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
4-Chloro-3-methylphenol	<0.35		0.35	0.029	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
2-Chloronaphthalene	<0.18		0.18	0.013	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
2-Chlorophenol	<0.18		0.18	0.011	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.046	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Chrysene	**0.050**		0.035	0.0092	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Dibenz(a,h)anthracene	<0.035		0.035	0.035	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Dibenzofuran	<0.18		0.18	0.012	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
1,2-Dichlorobenzene	<0.18		0.18	0.014	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
1,3-Dichlorobenzene	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
1,4-Dichlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.15	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
2,4-Dichlorophenol	<0.35		0.35	0.012	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Diethyl phthalate	<0.18		0.18	0.016	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
2,4-Dimethylphenol	<0.35		0.35	0.078	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Dimethyl phthalate	<0.18		0.18	0.0076	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Di-n-butyl phthalate	<0.18		0.18	0.011	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
4,6-Dinitro-2-methylphenol	<0.71		0.71	0.20	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
2,4-Dinitrophenol	<0.71		0.71	0.20	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
2,4-Dinitrotoluene	<0.18		0.18	0.020	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
2,6-Dinitrotoluene	<0.18		0.18	0.025	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Di-n-octyl phthalate	<0.35		0.35	0.24	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Fluoranthene	**0.094**		0.035	0.0081	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Fluorene	<0.035		0.035	0.010	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Hexachlorobenzene	<0.071		0.071	0.0067	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Hexachlorobutadiene	<0.18		0.18	0.020	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Hexachlorocyclopentadiene	<0.71		0.71	0.37	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Hexachloroethane	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Indeno[1,2,3-cd]pyrene	<0.035		0.035	0.034	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Isophorone	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
2-Methylnaphthalene	<0.071		0.071	0.0070	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
2-Methylphenol	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
3 & 4 Methylphenol	<0.18		0.18	0.026	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Naphthalene	**0.020**	**J**	0.035	0.0063	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
2-Nitroaniline	<0.18		0.18	0.019	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
3-Nitroaniline	<0.35		0.35	0.016	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
4-Nitroaniline	<0.35		0.35	0.026	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Nitrobenzene	<0.035		0.035	0.011	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
2-Nitrophenol	<0.35		0.35	0.024	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B28 (1-5)
Date Collected: 05/23/25 11:55
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-3
Matrix: Solid
Percent Solids: 89.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.71		0.71	0.38	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
N-Nitrosodi-n-propylamine	<0.071		0.071	0.020	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
N-Nitrosodiphenylamine	<0.18		0.18	0.069	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.025	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Pentachlorophenol	<0.71		0.71	0.39	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Phenanthrene	**0.060**		0.035	0.0076	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Phenol	<0.18		0.18	0.015	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
Pyrene	**0.077**		0.035	0.0095	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.025	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
2,4,5-Trichlorophenol	<0.35		0.35	0.013	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1
2,4,6-Trichlorophenol	<0.35		0.35	0.012	mg/Kg	☼	05/29/25 07:33	05/30/25 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*66*		*43 - 145*	*05/29/25 07:33*	*05/30/25 17:09*	*1*
2-Fluorophenol	*70*		*31 - 166*	*05/29/25 07:33*	*05/30/25 17:09*	*1*
Nitrobenzene-d5 (Surr)	*74*		*37 - 147*	*05/29/25 07:33*	*05/30/25 17:09*	*1*
Phenol-d5	*76*		*30 - 153*	*05/29/25 07:33*	*05/30/25 17:09*	*1*
Terphenyl-d14 (Surr)	*83*		*42 - 157*	*05/29/25 07:33*	*05/30/25 17:09*	*1*
2,4,6-Tribromophenol	*56*		*31 - 143*	*05/29/25 07:33*	*05/30/25 17:09*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.9		1.9	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
beta-BHC	<1.9		1.9	1.5	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
delta-BHC	<1.9		1.9	0.90	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
gamma-BHC (Lindane)	<1.9		1.9	0.93	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
Heptachlor	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
Aldrin	<1.9		1.9	1.3	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
Heptachlor epoxide	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
Endosulfan I	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
Dieldrin	<1.9		1.9	0.98	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
4,4'-DDE	<1.9		1.9	0.96	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
Endrin	<1.9		1.9	0.96	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
Endosulfan II	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
4,4'-DDD	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
Endosulfan sulfate	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
4,4'-DDT	<1.9		1.9	0.89	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
Methoxychlor	<9.2		9.2	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
Endrin ketone	<1.9		1.9	0.91	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
Endrin aldehyde	<1.9		1.9	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
alpha-Chlordane	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
gamma-Chlordane	<1.9		1.9	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1
Toxaphene	<19		19	7.5	ug/Kg	☼	05/27/25 14:12	05/28/25 18:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*86*		*33 - 148*	*05/27/25 14:12*	*05/28/25 18:11*	*1*
Tetrachloro-m-xylene	*76*		*30 - 121*	*05/27/25 14:12*	*05/28/25 18:11*	*1*

Client Sample ID: 5-B28 (1-5)

Date Collected: 05/23/25 11:55
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-3

Matrix: Solid
Percent Solids: 89.7

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.019		0.019	0.0073	mg/Kg	☼	05/27/25 14:12	05/28/25 23:13	1
PCB-1221	<0.019		0.019	0.0073	mg/Kg	☼	05/27/25 14:12	05/28/25 23:13	1
PCB-1232	<0.019		0.019	0.0050	mg/Kg	☼	05/27/25 14:12	05/28/25 23:13	1
PCB-1242	<0.019		0.019	0.0072	mg/Kg	☼	05/27/25 14:12	05/28/25 23:13	1
PCB-1248	<0.019		0.019	0.0088	mg/Kg	☼	05/27/25 14:12	05/28/25 23:13	1
PCB-1254	<0.019		0.019	0.0063	mg/Kg	☼	05/27/25 14:12	05/28/25 23:13	1
PCB-1260	<0.019		0.019	0.0070	mg/Kg	☼	05/27/25 14:12	05/28/25 23:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*49 - 129*	*05/27/25 14:12*	*05/28/25 23:13*	*1*
DCB Decachlorobiphenyl	*31*	*S1-*	*37 - 121*	*05/27/25 14:12*	*05/28/25 23:13*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.9		1.9	0.37	mg/Kg	☼	05/29/25 08:59	05/30/25 17:25	1
Arsenic	**4.5**		0.96	0.33	mg/Kg	☼	05/29/25 08:59	05/30/25 17:25	1
Barium	**72**		0.96	0.11	mg/Kg	☼	05/29/25 08:59	05/30/25 17:25	1
Beryllium	**0.71**		0.39	0.090	mg/Kg	☼	05/29/25 08:59	05/30/25 17:25	1
Boron	**8.5**		4.8	0.45	mg/Kg	☼	05/29/25 08:59	05/30/25 17:25	1
Cadmium	**0.11**	**J**	0.19	0.035	mg/Kg	☼	05/29/25 08:59	05/30/25 17:25	1
Chromium	**24**		0.96	0.48	mg/Kg	☼	05/29/25 08:59	05/30/25 17:25	1
Cobalt	**12**		2.4	0.63	mg/Kg	☼	05/29/25 08:59	06/02/25 15:32	5
Copper	**19**		0.96	0.27	mg/Kg	☼	05/29/25 08:59	05/30/25 17:25	1
Iron	**21000**		19	10	mg/Kg	☼	05/29/25 08:59	05/30/25 17:25	1
Lead	**12**		0.48	0.22	mg/Kg	☼	05/29/25 08:59	05/30/25 17:25	1
Magnesium	**3600**		9.6	4.8	mg/Kg	☼	05/29/25 08:59	05/30/25 17:25	1
Manganese	**300**	**B**	0.96	0.14	mg/Kg	☼	05/29/25 08:59	05/30/25 17:25	1
Nickel	**19**		0.96	0.28	mg/Kg	☼	05/29/25 08:59	05/30/25 17:25	1
Selenium	<0.96		0.96	0.57	mg/Kg	☼	05/29/25 08:59	05/30/25 17:25	1
Silver	**4.9**		0.48	0.12	mg/Kg	☼	05/29/25 08:59	05/30/25 17:25	1
Thallium	**2.1**		0.96	0.48	mg/Kg	☼	05/29/25 08:59	05/30/25 17:25	1
Vanadium	**49**		2.4	0.57	mg/Kg	☼	05/29/25 08:59	06/02/25 15:32	5
Zinc	**48**		9.6	4.2	mg/Kg	☼	05/29/25 08:59	06/02/25 15:32	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0021**	**J**	0.010	0.0017	mg/L		05/29/25 14:20	06/02/25 19:25	1
Iron	**1.7**		0.20	0.082	mg/L		05/29/25 14:20	05/30/25 23:43	1
Manganese	**0.40**		0.010	0.0023	mg/L		05/29/25 14:20	05/30/25 23:43	1
Silver	<0.0050		0.0050	0.0015	mg/L		05/29/25 14:20	05/30/25 23:43	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.074**		0.010	0.0023	mg/L		05/29/25 14:20	05/30/25 23:07	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.020**		0.018	0.0074	mg/Kg	☼	06/05/25 15:20	06/06/25 11:32	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B28 (1-5)
Date Collected: 05/23/25 11:55
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-3
Matrix: Solid
Percent Solids: 89.7

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.25		0.25	0.12	mg/Kg	☼	05/28/25 14:47	05/28/25 17:47	1
pH (SW846 9045D)	**7.1**		0.2	0.2	SU			05/27/25 15:38	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B28 (1-5)D
Date Collected: 05/23/25 12:00
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-4
Matrix: Solid
Percent Solids: 88.2

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.013		0.013	0.0055	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Benzene	<0.0013		0.0013	0.00042	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Bromodichloromethane	<0.0013		0.0013	0.00042	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Bromoform	<0.0013		0.0013	0.00077	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Bromomethane	<0.0033	*+	0.0033	0.0016	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
2-Butanone (MEK)	<0.0033		0.0033	0.0015	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Carbon disulfide	<0.0033		0.0033	0.00061	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Carbon tetrachloride	<0.0013		0.0013	0.00045	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Chlorobenzene	<0.0013		0.0013	0.00056	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Chloroethane	<0.0033	*+	0.0033	0.0011	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Chloroform	<0.0013		0.0013	0.00095	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Chloromethane	<0.0033		0.0033	0.00064	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
cis-1,2-Dichloroethene	<0.0013		0.0013	0.00053	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
cis-1,3-Dichloropropene	<0.0013		0.0013	0.00053	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Dibromochloromethane	<0.0013		0.0013	0.00061	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
1,1-Dichloroethane	<0.0013		0.0013	0.00050	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
1,2-Dichloroethane	<0.0033		0.0033	0.00086	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
1,1-Dichloroethene	<0.0013		0.0013	0.00054	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
1,2-Dichloropropane	<0.0013		0.0013	0.00034	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Ethylbenzene	<0.0013		0.0013	0.00069	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
2-Hexanone	<0.0033		0.0033	0.0020	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Methylene Chloride	<0.0033		0.0033	0.0014	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
4-Methyl-2-pentanone (MIBK)	<0.0033		0.0033	0.0023	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Methyl tert-butyl ether	<0.0013		0.0013	0.00043	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Styrene	<0.0013		0.0013	0.00059	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
1,1,2,2-Tetrachloroethane	<0.0013		0.0013	0.00066	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Tetrachloroethene	<0.0013		0.0013	0.00074	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Toluene	<0.0013		0.0013	0.00027	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
trans-1,2-Dichloroethene	<0.0013	*+	0.0013	0.00050	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
trans-1,3-Dichloropropene	<0.0013		0.0013	0.00063	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
1,1,1-Trichloroethane	<0.0013		0.0013	0.00053	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
1,1,2-Trichloroethane	<0.0013		0.0013	0.00049	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Trichloroethene	<0.0013		0.0013	0.00036	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Vinyl acetate	<0.0033		0.0033	0.00079	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Vinyl chloride	<0.0013	*+	0.0013	0.00054	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
Xylenes, Total	<0.0026		0.0026	0.00045	mg/Kg	☼	05/24/25 09:17	06/04/25 17:38	1
1,3-Dichloropropene, Total	<1.3		1.3	0.63	ug/Kg	☼	05/24/25 09:17	06/04/25 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*75 - 131*	*05/24/25 09:17*	*06/04/25 17:38*	*1*
Dibromofluoromethane	*100*		*75 - 126*	*05/24/25 09:17*	*06/04/25 17:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*105*		*70 - 134*	*05/24/25 09:17*	*06/04/25 17:38*	*1*
Toluene-d8 (Surr)	*102*		*75 - 124*	*05/24/25 09:17*	*06/04/25 17:38*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.066**		0.037	0.0075	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Anthracene	**0.13**		0.037	0.0076	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Benzo[a]anthracene	**0.33**		0.037	0.0079	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B28 (1-5)D
Date Collected: 05/23/25 12:00
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-4
Matrix: Solid
Percent Solids: 88.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.33**		0.037	0.036	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Benzo[b]fluoranthene	**0.47**		0.037	0.035	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Benzo[g,h,i]perylene	**0.21**		0.037	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Benzo[k]fluoranthene	**0.16**		0.037	0.014	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.025	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Butyl benzyl phthalate	<0.19		0.19	0.018	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Carbazole	**0.086**	**J**	0.19	0.015	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
4-Chloroaniline	<0.75		0.75	0.39	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Chrysene	**0.40**		0.037	0.0098	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Dibenz(a,h)anthracene	**0.052**		0.037	0.037	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Dibenzofuran	**0.029**	**J**	0.19	0.013	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
2,4-Dimethylphenol	<0.37		0.37	0.083	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Dimethyl phthalate	<0.19		0.19	0.0081	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.21	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
2,4-Dinitrophenol	<0.75		0.75	0.21	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Fluoranthene	**0.86**		0.037	0.0086	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Fluorene	**0.050**		0.037	0.011	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Hexachlorobenzene	<0.075		0.075	0.0071	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Hexachlorocyclopentadiene	<0.75		0.75	0.39	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Indeno[1,2,3-cd]pyrene	**0.21**		0.037	0.036	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
2-Methylnaphthalene	**0.023**	**J**	0.075	0.0074	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
2-Methylphenol	<0.19		0.19	0.020	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Naphthalene	**0.020**	**J**	0.037	0.0067	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1

Client Sample ID: 5-B28 (1-5)D
Lab Sample ID: 500-268875-4

Date Collected: 05/23/25 12:00
Matrix: Solid

Date Received: 05/23/25 16:20
Percent Solids: 88.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.75		0.75	0.40	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.021	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
N-Nitrosodiphenylamine	<0.19		0.19	0.073	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Pentachlorophenol	<0.75		0.75	0.42	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Phenanthrene	**0.67**		0.037	0.0081	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Phenol	<0.19		0.19	0.016	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
Pyrene	**0.80**		0.037	0.010	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/29/25 07:33	05/30/25 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*74*		*43 - 145*	*05/29/25 07:33*	*05/30/25 17:33*	*1*
2-Fluorophenol	*83*		*31 - 166*	*05/29/25 07:33*	*05/30/25 17:33*	*1*
Nitrobenzene-d5 (Surr)	*84*		*37 - 147*	*05/29/25 07:33*	*05/30/25 17:33*	*1*
Phenol-d5	*87*		*30 - 153*	*05/29/25 07:33*	*05/30/25 17:33*	*1*
Terphenyl-d14 (Surr)	*86*		*42 - 157*	*05/29/25 07:33*	*05/30/25 17:33*	*1*
2,4,6-Tribromophenol	*54*		*31 - 143*	*05/29/25 07:33*	*05/30/25 17:33*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
beta-BHC	<1.9		1.9	1.5	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
delta-BHC	<1.9		1.9	0.88	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
gamma-BHC (Lindane)	<1.9		1.9	0.92	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
Heptachlor	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
Aldrin	<1.9		1.9	1.3	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
Heptachlor epoxide	<1.9		1.9	0.99	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
Endosulfan I	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
Dieldrin	<1.9		1.9	0.97	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
4,4'-DDE	<1.9		1.9	0.95	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
Endrin	<1.9		1.9	0.94	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
Endosulfan II	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
4,4'-DDD	<1.9		1.9	0.99	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
Endosulfan sulfate	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
4,4'-DDT	<1.9		1.9	0.88	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
Methoxychlor	<9.1		9.1	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
Endrin ketone	<1.9		1.9	0.90	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
Endrin aldehyde	<1.9		1.9	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
alpha-Chlordane	<1.9		1.9	0.99	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
gamma-Chlordane	<1.9		1.9	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1
Toxaphene	<18		18	7.4	ug/Kg	☼	05/27/25 14:12	05/28/25 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*81*		*33 - 148*	*05/27/25 14:12*	*05/28/25 18:23*	*1*
Tetrachloro-m-xylene	*69*		*30 - 121*	*05/27/25 14:12*	*05/28/25 18:23*	*1*

Client Sample ID: 5-B28 (1-5)D

Date Collected: 05/23/25 12:00
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-4

Matrix: Solid
Percent Solids: 88.2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.018		0.018	0.0072	mg/Kg	☼	05/27/25 14:12	05/28/25 23:28	1
PCB-1221	<0.018		0.018	0.0072	mg/Kg	☼	05/27/25 14:12	05/28/25 23:28	1
PCB-1232	<0.018		0.018	0.0049	mg/Kg	☼	05/27/25 14:12	05/28/25 23:28	1
PCB-1242	<0.018		0.018	0.0071	mg/Kg	☼	05/27/25 14:12	05/28/25 23:28	1
PCB-1248	<0.018		0.018	0.0087	mg/Kg	☼	05/27/25 14:12	05/28/25 23:28	1
PCB-1254	<0.018		0.018	0.0062	mg/Kg	☼	05/27/25 14:12	05/28/25 23:28	1
PCB-1260	<0.018		0.018	0.0069	mg/Kg	☼	05/27/25 14:12	05/28/25 23:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*80*		*49 - 129*	*05/27/25 14:12*	*05/28/25 23:28*	*1*
DCB Decachlorobiphenyl	*28*	*S1-*	*37 - 121*	*05/27/25 14:12*	*05/28/25 23:28*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.2		2.2	0.43	mg/Kg	☼	05/29/25 08:59	05/30/25 17:29	1
Arsenic	**5.4**		1.1	0.37	mg/Kg	☼	05/29/25 08:59	05/30/25 17:29	1
Barium	**100**		1.1	0.12	mg/Kg	☼	05/29/25 08:59	05/30/25 17:29	1
Beryllium	**0.71**		0.44	0.10	mg/Kg	☼	05/29/25 08:59	05/30/25 17:29	1
Boron	**8.9**		5.5	0.51	mg/Kg	☼	05/29/25 08:59	05/30/25 17:29	1
Cadmium	**0.16**	**J**	0.22	0.039	mg/Kg	☼	05/29/25 08:59	05/30/25 17:29	1
Chromium	**25**		1.1	0.54	mg/Kg	☼	05/29/25 08:59	05/30/25 17:29	1
Cobalt	**11**		2.7	0.72	mg/Kg	☼	05/29/25 08:59	06/02/25 15:45	5
Copper	**22**		1.1	0.31	mg/Kg	☼	05/29/25 08:59	05/30/25 17:29	1
Iron	**23000**		22	11	mg/Kg	☼	05/29/25 08:59	05/30/25 17:29	1
Lead	**24**		0.55	0.25	mg/Kg	☼	05/29/25 08:59	05/30/25 17:29	1
Magnesium	**4200**		11	5.4	mg/Kg	☼	05/29/25 08:59	05/30/25 17:29	1
Manganese	**510**	**B**	1.1	0.16	mg/Kg	☼	05/29/25 08:59	05/30/25 17:29	1
Nickel	**21**		1.1	0.32	mg/Kg	☼	05/29/25 08:59	05/30/25 17:29	1
Selenium	<1.1		1.1	0.64	mg/Kg	☼	05/29/25 08:59	05/30/25 17:29	1
Silver	**5.7**		0.55	0.14	mg/Kg	☼	05/29/25 08:59	05/30/25 17:29	1
Thallium	**3.4**		1.1	0.55	mg/Kg	☼	05/29/25 08:59	05/30/25 17:29	1
Vanadium	**47**		2.7	0.65	mg/Kg	☼	05/29/25 08:59	06/02/25 15:45	5
Zinc	**52**		11	4.8	mg/Kg	☼	05/29/25 08:59	06/02/25 15:45	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.010		0.010	0.0017	mg/L		05/29/25 14:20	06/02/25 19:30	1
Iron	**0.29**		0.20	0.082	mg/L		05/29/25 14:20	05/30/25 23:48	1
Manganese	**0.84**		0.010	0.0023	mg/L		05/29/25 14:20	05/30/25 23:48	1
Silver	**0.0022**	**J**	0.0050	0.0015	mg/L		05/29/25 14:20	05/30/25 23:48	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.019**		0.010	0.0023	mg/L		05/29/25 14:20	05/30/25 23:11	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.0020		0.0020	0.00057	mg/L		05/29/25 14:20	06/04/25 16:37	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B28 (1-5)D
Date Collected: 05/23/25 12:00
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-4
Matrix: Solid
Percent Solids: 88.2

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.018	0.0074	mg/Kg	☼	06/05/25 15:20	06/06/25 11:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.26		0.26	0.13	mg/Kg	☼	05/28/25 14:47	05/28/25 17:50	1
pH (SW846 9045D)	7.1		0.2	0.2	SU			05/27/25 15:41	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B28 (5-12)
Date Collected: 05/23/25 12:05
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-5
Matrix: Solid
Percent Solids: 85.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.013**	**J**	0.015	0.0063	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Benzene	<0.0015		0.0015	0.00047	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Bromodichloromethane	<0.0015		0.0015	0.00048	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Bromoform	<0.0015		0.0015	0.00088	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Bromomethane	<0.0038	*+	0.0038	0.0019	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
2-Butanone (MEK)	<0.0038		0.0038	0.0017	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Carbon disulfide	<0.0038		0.0038	0.00069	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Carbon tetrachloride	<0.0015		0.0015	0.00051	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Chlorobenzene	<0.0015		0.0015	0.00064	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Chloroethane	<0.0038	*+	0.0038	0.0012	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Chloromethane	<0.0038		0.0038	0.00073	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00061	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00061	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Dibromochloromethane	<0.0015		0.0015	0.00070	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
1,1-Dichloroethane	<0.0015		0.0015	0.00057	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
1,2-Dichloroethane	<0.0038		0.0038	0.00098	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
1,1-Dichloroethene	<0.0015		0.0015	0.00062	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
1,2-Dichloropropane	<0.0015		0.0015	0.00039	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Ethylbenzene	<0.0015		0.0015	0.00079	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
2-Hexanone	<0.0038		0.0038	0.0023	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Methylene Chloride	<0.0038		0.0038	0.0016	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
4-Methyl-2-pentanone (MIBK)	<0.0038		0.0038	0.0027	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00049	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Styrene	<0.0015		0.0015	0.00068	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00075	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Tetrachloroethene	<0.0015		0.0015	0.00085	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Toluene	<0.0015		0.0015	0.00030	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
trans-1,2-Dichloroethene	<0.0015	*+	0.0015	0.00057	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00072	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00061	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00056	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Trichloroethene	<0.0015		0.0015	0.00041	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Vinyl acetate	<0.0038		0.0038	0.00090	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Vinyl chloride	<0.0015	*+	0.0015	0.00062	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
Xylenes, Total	<0.0030		0.0030	0.00052	mg/Kg	☼	05/24/25 09:17	06/04/25 18:03	1
1,3-Dichloropropene, Total	<1.5		1.5	0.72	ug/Kg	☼	05/24/25 09:17	06/04/25 18:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*75 - 131*	*05/24/25 09:17*	*06/04/25 18:03*	*1*
Dibromofluoromethane	*101*		*75 - 126*	*05/24/25 09:17*	*06/04/25 18:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 134*	*05/24/25 09:17*	*06/04/25 18:03*	*1*
Toluene-d8 (Surr)	*90*		*75 - 124*	*05/24/25 09:17*	*06/04/25 18:03*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.037		0.037	0.0077	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Acenaphthylene	<0.037		0.037	0.0064	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Anthracene	**0.016**	**J**	0.037	0.0077	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Benzo[a]anthracene	**0.033**	**J**	0.037	0.0080	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B28 (5-12)
Date Collected: 05/23/25 12:05
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-5
Matrix: Solid
Percent Solids: 85.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.037		0.037	0.036	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Benzo[b]fluoranthene	**0.042**		0.037	0.036	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Benzo[g,h,i]perylene	**0.023**	**J**	0.037	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Benzo[k]fluoranthene	<0.037		0.037	0.014	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.15	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.026	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Butyl benzyl phthalate	<0.19		0.19	0.019	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Carbazole	<0.19		0.19	0.015	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
4-Chloroaniline	<0.76		0.76	0.39	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
4-Chloro-3-methylphenol	<0.37		0.37	0.032	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.049	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Chrysene	**0.037**		0.037	0.0099	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Dibenz(a,h)anthracene	<0.037		0.037	0.037	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Dibenzofuran	**0.020**	**J**	0.19	0.013	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
1,4-Dichlorobenzene	<0.19		0.19	0.018	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
2,4-Dimethylphenol	<0.37		0.37	0.084	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Dimethyl phthalate	<0.19		0.19	0.0082	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Di-n-butyl phthalate	**0.013**	**J**	0.19	0.012	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
4,6-Dinitro-2-methylphenol	<0.76		0.76	0.21	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
2,4-Dinitrophenol	<0.76		0.76	0.22	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Fluoranthene	**0.063**		0.037	0.0087	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Fluorene	**0.013**	**J**	0.037	0.011	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Hexachlorobenzene	<0.076		0.076	0.0072	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Hexachlorocyclopentadiene	<0.76		0.76	0.40	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Hexachloroethane	<0.19		0.19	0.019	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Indeno[1,2,3-cd]pyrene	<0.037		0.037	0.037	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
2-Methylnaphthalene	**0.087**		0.076	0.0075	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
2-Methylphenol	**0.030**	**J**	0.19	0.020	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
3 & 4 Methylphenol	<0.19		0.19	0.028	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Naphthalene	**0.077**		0.037	0.0068	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
4-Nitroaniline	<0.37		0.37	0.028	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
2-Nitrophenol	<0.37		0.37	0.026	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1

Client Sample ID: 5-B28 (5-12)
Lab Sample ID: 500-268875-5
Date Collected: 05/23/25 12:05
Matrix: Solid
Date Received: 05/23/25 16:20
Percent Solids: 85.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.76		0.76	0.41	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
N-Nitrosodi-n-propylamine	<0.076		0.076	0.022	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
N-Nitrosodiphenylamine	<0.19		0.19	0.074	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Pentachlorophenol	<0.76		0.76	0.42	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Phenanthrene	**0.11**		0.037	0.0082	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Phenol	<0.19		0.19	0.016	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
Pyrene	**0.060**		0.037	0.010	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.027	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/29/25 07:33	05/30/25 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*82*		*43 - 145*	*05/29/25 07:33*	*05/30/25 17:57*	*1*
2-Fluorophenol	*93*		*31 - 166*	*05/29/25 07:33*	*05/30/25 17:57*	*1*
Nitrobenzene-d5 (Surr)	*94*		*37 - 147*	*05/29/25 07:33*	*05/30/25 17:57*	*1*
Phenol-d5	*96*		*30 - 153*	*05/29/25 07:33*	*05/30/25 17:57*	*1*
Terphenyl-d14 (Surr)	*88*		*42 - 157*	*05/29/25 07:33*	*05/30/25 17:57*	*1*
2,4,6-Tribromophenol	*69*		*31 - 143*	*05/29/25 07:33*	*05/30/25 17:57*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.38	mg/Kg	☼	05/29/25 08:59	05/30/25 17:34	1
Arsenic	**6.5**		0.98	0.34	mg/Kg	☼	05/29/25 08:59	05/30/25 17:34	1
Barium	**90**		0.98	0.11	mg/Kg	☼	05/29/25 08:59	05/30/25 17:34	1
Beryllium	**0.60**		0.39	0.092	mg/Kg	☼	05/29/25 08:59	05/30/25 17:34	1
Boron	**6.1**		4.9	0.46	mg/Kg	☼	05/29/25 08:59	05/30/25 17:34	1
Cadmium	**0.28**		0.20	0.035	mg/Kg	☼	05/29/25 08:59	05/30/25 17:34	1
Chromium	**27**		0.98	0.49	mg/Kg	☼	05/29/25 08:59	05/30/25 17:34	1
Cobalt	**21**		2.5	0.64	mg/Kg	☼	05/29/25 08:59	06/02/25 15:50	5
Copper	**28**		0.98	0.28	mg/Kg	☼	05/29/25 08:59	05/30/25 17:34	1
Iron	**31000**		20	10	mg/Kg	☼	05/29/25 08:59	05/30/25 17:34	1
Lead	**42**		0.49	0.23	mg/Kg	☼	05/29/25 08:59	05/30/25 17:34	1
Magnesium	**3400**		9.8	4.9	mg/Kg	☼	05/29/25 08:59	05/30/25 17:34	1
Manganese	**4000**	**B**	4.9	0.71	mg/Kg	☼	05/29/25 08:59	06/02/25 15:50	5
Nickel	**29**		0.98	0.29	mg/Kg	☼	05/29/25 08:59	05/30/25 17:34	1
Selenium	**1.5**		0.98	0.58	mg/Kg	☼	05/29/25 08:59	05/30/25 17:34	1
Silver	**4.0**		2.5	0.63	mg/Kg	☼	05/29/25 08:59	06/02/25 15:50	5
Thallium	**6.0**		4.9	2.5	mg/Kg	☼	05/29/25 08:59	06/02/25 15:50	5
Vanadium	**34**		2.5	0.58	mg/Kg	☼	05/29/25 08:59	06/02/25 15:50	5
Zinc	**82**		9.8	4.3	mg/Kg	☼	05/29/25 08:59	06/02/25 15:50	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	**0.0035**	**J**	0.010	0.0017	mg/L		05/29/25 14:20	06/02/25 19:34	1
Iron	**0.80**		0.20	0.082	mg/L		05/29/25 14:20	05/31/25 00:01	1
Manganese	**4.6**		0.010	0.0023	mg/L		05/29/25 14:20	05/31/25 00:01	1
Silver	**0.010**		0.0050	0.0015	mg/L		05/29/25 14:20	05/31/25 00:01	1
Selenium	**0.010**	**B**	0.010	0.0053	mg/L		05/29/25 14:20	05/31/25 00:01	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B28 (5-12)
Date Collected: 05/23/25 12:05
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-5
Matrix: Solid
Percent Solids: 85.8

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**1.3**		0.010	0.0023	mg/L		05/29/25 14:20	05/30/25 23:15	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.0020		0.0020	0.00057	mg/L		05/29/25 14:20	06/04/25 16:40	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.016**	**J**	0.018	0.0074	mg/Kg	☼	06/05/25 15:20	06/06/25 11:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.26		0.26	0.13	mg/Kg	☼	05/28/25 14:47	05/28/25 17:50	1
pH (SW846 9045D)	**6.6**		0.2	0.2	SU			05/27/25 15:43	1

Client Sample ID: 5-B29 (1-5)

Date Collected: 05/23/25 12:40
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-6

Matrix: Solid
Percent Solids: 86.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.015		0.015	0.0062	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Benzene	<0.0015		0.0015	0.00047	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Bromodichloromethane	<0.0015		0.0015	0.00048	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Bromoform	<0.0015		0.0015	0.00086	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Bromomethane	<0.0037	*+	0.0037	0.0018	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
2-Butanone (MEK)	<0.0037		0.0037	0.0016	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Carbon disulfide	<0.0037		0.0037	0.00068	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Carbon tetrachloride	<0.0015		0.0015	0.00050	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Chlorobenzene	<0.0015		0.0015	0.00063	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Chloroethane	<0.0037	*+	0.0037	0.0012	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Chloroform	<0.0015		0.0015	0.0011	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Chloromethane	<0.0037		0.0037	0.00072	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
cis-1,2-Dichloroethene	<0.0015		0.0015	0.00060	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
cis-1,3-Dichloropropene	<0.0015		0.0015	0.00059	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Dibromochloromethane	<0.0015		0.0015	0.00069	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
1,1-Dichloroethane	<0.0015		0.0015	0.00056	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
1,2-Dichloroethane	<0.0037		0.0037	0.00096	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
1,1-Dichloroethene	<0.0015		0.0015	0.00061	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
1,2-Dichloropropane	<0.0015		0.0015	0.00038	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Ethylbenzene	<0.0015		0.0015	0.00078	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
2-Hexanone	<0.0037		0.0037	0.0022	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Methylene Chloride	<0.0037		0.0037	0.0016	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
4-Methyl-2-pentanone (MIBK)	<0.0037		0.0037	0.0026	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Methyl tert-butyl ether	<0.0015		0.0015	0.00048	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Styrene	<0.0015		0.0015	0.00067	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
1,1,2,2-Tetrachloroethane	<0.0015		0.0015	0.00073	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Tetrachloroethene	<0.0015		0.0015	0.00083	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Toluene	<0.0015		0.0015	0.00030	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
trans-1,2-Dichloroethene	<0.0015	*+	0.0015	0.00056	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
trans-1,3-Dichloropropene	<0.0015		0.0015	0.00071	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
1,1,1-Trichloroethane	<0.0015		0.0015	0.00060	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
1,1,2-Trichloroethane	<0.0015		0.0015	0.00055	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Trichloroethene	<0.0015		0.0015	0.00040	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Vinyl acetate	<0.0037		0.0037	0.00088	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Vinyl chloride	<0.0015	*+	0.0015	0.00060	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
Xylenes, Total	<0.0030		0.0030	0.00051	mg/Kg	☼	05/24/25 09:17	06/04/25 18:29	1
1,3-Dichloropropene, Total	<1.5		1.5	0.71	ug/Kg	☼	05/24/25 09:17	06/04/25 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*75 - 131*	*05/24/25 09:17*	*06/04/25 18:29*	*1*
Dibromofluoromethane	*99*		*75 - 126*	*05/24/25 09:17*	*06/04/25 18:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*70 - 134*	*05/24/25 09:17*	*06/04/25 18:29*	*1*
Toluene-d8 (Surr)	*102*		*75 - 124*	*05/24/25 09:17*	*06/04/25 18:29*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**0.021**	**J**	0.037	0.0075	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Acenaphthylene	<0.037		0.037	0.0063	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Anthracene	**0.081**		0.037	0.0075	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Benzo[a]anthracene	**0.42**		0.037	0.0078	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1

Client Sample ID: 5-B29 (1-5)
Date Collected: 05/23/25 12:40
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-6
Matrix: Solid
Percent Solids: 86.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.36**		0.037	0.036	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Benzo[b]fluoranthene	**0.55**		0.037	0.035	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Benzo[g,h,i]perylene	**0.19**		0.037	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Benzo[k]fluoranthene	**0.23**		0.037	0.014	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Bis(2-chloroethoxy)methane	<0.19		0.19	0.014	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.14	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
4-Bromophenyl phenyl ether	<0.19		0.19	0.025	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Butyl benzyl phthalate	<0.19		0.19	0.018	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Carbazole	**0.061**	**J**	0.19	0.015	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
4-Chloroaniline	<0.75		0.75	0.39	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
4-Chloro-3-methylphenol	<0.37		0.37	0.031	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
2-Chloronaphthalene	<0.19		0.19	0.014	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
2-Chlorophenol	<0.19		0.19	0.012	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
4-Chlorophenyl phenyl ether	<0.19		0.19	0.048	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Chrysene	**0.49**		0.037	0.0097	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Dibenz(a,h)anthracene	**0.055**		0.037	0.037	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Dibenzofuran	<0.19		0.19	0.013	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
1,2-Dichlorobenzene	<0.19		0.19	0.015	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
1,3-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
1,4-Dichlorobenzene	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
3,3'-Dichlorobenzidine	<0.19		0.19	0.16	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
2,4-Dichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Diethyl phthalate	<0.19		0.19	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
2,4-Dimethylphenol	<0.37		0.37	0.083	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Dimethyl phthalate	<0.19		0.19	0.0080	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Di-n-butyl phthalate	<0.19		0.19	0.012	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
4,6-Dinitro-2-methylphenol	<0.75		0.75	0.21	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
2,4-Dinitrophenol	<0.75		0.75	0.21	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
2,4-Dinitrotoluene	<0.19		0.19	0.021	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
2,6-Dinitrotoluene	<0.19		0.19	0.026	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Di-n-octyl phthalate	<0.37		0.37	0.26	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Fluoranthene	**0.96**		0.037	0.0086	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Fluorene	**0.019**	**J**	0.037	0.011	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Hexachlorobenzene	<0.075		0.075	0.0071	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Hexachlorobutadiene	<0.19		0.19	0.021	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Hexachlorocyclopentadiene	<0.75		0.75	0.39	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Hexachloroethane	<0.19		0.19	0.018	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Indeno[1,2,3-cd]pyrene	**0.19**		0.037	0.036	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Isophorone	<0.19		0.19	0.019	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
2-Methylnaphthalene	<0.075		0.075	0.0074	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
2-Methylphenol	<0.19		0.19	0.019	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
3 & 4 Methylphenol	<0.19		0.19	0.027	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Naphthalene	**0.0085**	**J**	0.037	0.0067	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
2-Nitroaniline	<0.19		0.19	0.020	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
3-Nitroaniline	<0.37		0.37	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
4-Nitroaniline	<0.37		0.37	0.027	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Nitrobenzene	<0.037		0.037	0.012	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
2-Nitrophenol	<0.37		0.37	0.025	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1

Client Sample ID: 5-B29 (1-5)
Lab Sample ID: 500-268875-6
Date Collected: 05/23/25 12:40
Matrix: Solid
Date Received: 05/23/25 16:20
Percent Solids: 86.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<0.75		0.75	0.40	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
N-Nitrosodi-n-propylamine	<0.075		0.075	0.021	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
N-Nitrosodiphenylamine	<0.19		0.19	0.073	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
2,2'-oxybis[1-chloropropane]	<0.19		0.19	0.027	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Pentachlorophenol	<0.75		0.75	0.41	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Phenanthrene	**0.42**		0.037	0.0080	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Phenol	<0.19		0.19	0.016	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
Pyrene	**0.84**		0.037	0.010	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
1,2,4-Trichlorobenzene	<0.19		0.19	0.026	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
2,4,5-Trichlorophenol	<0.37		0.37	0.014	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1
2,4,6-Trichlorophenol	<0.37		0.37	0.013	mg/Kg	☼	05/29/25 07:33	05/30/25 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*67*		*43 - 145*	*05/29/25 07:33*	*05/30/25 18:20*	*1*
2-Fluorophenol	*74*		*31 - 166*	*05/29/25 07:33*	*05/30/25 18:20*	*1*
Nitrobenzene-d5 (Surr)	*77*		*37 - 147*	*05/29/25 07:33*	*05/30/25 18:20*	*1*
Phenol-d5	*78*		*30 - 153*	*05/29/25 07:33*	*05/30/25 18:20*	*1*
Terphenyl-d14 (Surr)	*82*		*42 - 157*	*05/29/25 07:33*	*05/30/25 18:20*	*1*
2,4,6-Tribromophenol	*51*		*31 - 143*	*05/29/25 07:33*	*05/30/25 18:20*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.9		1.9	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
beta-BHC	<1.9		1.9	1.5	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
delta-BHC	<1.9		1.9	0.91	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
gamma-BHC (Lindane)	<1.9		1.9	0.94	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
Heptachlor	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
Aldrin	<1.9		1.9	1.3	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
Heptachlor epoxide	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
Endosulfan I	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
Dieldrin	<1.9		1.9	0.99	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
4,4'-DDE	<1.9		1.9	0.98	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
Endrin	<1.9		1.9	0.97	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
Endosulfan II	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
4,4'-DDD	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
Endosulfan sulfate	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
4,4'-DDT	<1.9		1.9	0.90	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
Methoxychlor	<9.3		9.3	1.2	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
Endrin ketone	<1.9		1.9	0.92	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
Endrin aldehyde	<1.9		1.9	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
alpha-Chlordane	<1.9		1.9	1.0	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
gamma-Chlordane	<1.9		1.9	1.1	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1
Toxaphene	<19		19	7.6	ug/Kg	☼	05/27/25 14:12	05/28/25 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*76*		*33 - 148*	*05/27/25 14:12*	*05/28/25 18:35*	*1*
Tetrachloro-m-xylene	*69*		*30 - 121*	*05/27/25 14:12*	*05/28/25 18:35*	*1*

Client Sample ID: 5-B29 (1-5)

Date Collected: 05/23/25 12:40
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-6

Matrix: Solid
Percent Solids: 86.3

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.019		0.019	0.0073	mg/Kg	☼	05/27/25 14:12	05/28/25 23:43	1
PCB-1221	<0.019		0.019	0.0073	mg/Kg	☼	05/27/25 14:12	05/28/25 23:43	1
PCB-1232	<0.019		0.019	0.0051	mg/Kg	☼	05/27/25 14:12	05/28/25 23:43	1
PCB-1242	<0.019		0.019	0.0073	mg/Kg	☼	05/27/25 14:12	05/28/25 23:43	1
PCB-1248	**0.017**	**J**	0.019	0.0089	mg/Kg	☼	05/27/25 14:12	05/28/25 23:43	1
PCB-1254	<0.019		0.019	0.0064	mg/Kg	☼	05/27/25 14:12	05/28/25 23:43	1
PCB-1260	<0.019		0.019	0.0071	mg/Kg	☼	05/27/25 14:12	05/28/25 23:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*98*		*49 - 129*	*05/27/25 14:12*	*05/28/25 23:43*	*1*
DCB Decachlorobiphenyl	*20*	*S1-*	*37 - 121*	*05/27/25 14:12*	*05/28/25 23:43*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.9		1.9	0.38	mg/Kg	☼	05/29/25 08:59	05/30/25 17:47	1
Arsenic	**4.5**		0.97	0.33	mg/Kg	☼	05/29/25 08:59	05/30/25 17:47	1
Barium	**82**		0.97	0.11	mg/Kg	☼	05/29/25 08:59	05/30/25 17:47	1
Beryllium	**0.60**		0.39	0.091	mg/Kg	☼	05/29/25 08:59	05/30/25 17:47	1
Boron	**5.8**		4.9	0.45	mg/Kg	☼	05/29/25 08:59	05/30/25 17:47	1
Cadmium	**0.15**	**J**	0.19	0.035	mg/Kg	☼	05/29/25 08:59	05/30/25 17:47	1
Chromium	**21**		0.97	0.48	mg/Kg	☼	05/29/25 08:59	05/30/25 17:47	1
Cobalt	**8.9**		2.4	0.64	mg/Kg	☼	05/29/25 08:59	06/02/25 15:54	5
Copper	**17**		0.97	0.27	mg/Kg	☼	05/29/25 08:59	05/30/25 17:47	1
Iron	**19000**		19	10	mg/Kg	☼	05/29/25 08:59	05/30/25 17:47	1
Lead	**28**		0.49	0.22	mg/Kg	☼	05/29/25 08:59	05/30/25 17:47	1
Magnesium	**3100**		9.7	4.8	mg/Kg	☼	05/29/25 08:59	05/30/25 17:47	1
Manganese	**530**	**B**	0.97	0.14	mg/Kg	☼	05/29/25 08:59	05/30/25 17:47	1
Nickel	**17**		0.97	0.28	mg/Kg	☼	05/29/25 08:59	05/30/25 17:47	1
Selenium	<0.97		0.97	0.57	mg/Kg	☼	05/29/25 08:59	05/30/25 17:47	1
Silver	**4.8**		0.49	0.13	mg/Kg	☼	05/29/25 08:59	05/30/25 17:47	1
Thallium	**3.6**		0.97	0.49	mg/Kg	☼	05/29/25 08:59	05/30/25 17:47	1
Vanadium	**37**		2.4	0.57	mg/Kg	☼	05/29/25 08:59	06/02/25 15:54	5
Zinc	**47**		9.7	4.3	mg/Kg	☼	05/29/25 08:59	06/02/25 15:54	5

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.010		0.010	0.0017	mg/L		05/29/25 14:20	06/02/25 19:39	1
Iron	**0.19**	**J**	0.20	0.082	mg/L		05/29/25 14:20	05/31/25 00:06	1
Manganese	**4.3**		0.010	0.0023	mg/L		05/29/25 14:20	05/31/25 00:06	1
Silver	**0.0095**		0.0050	0.0015	mg/L		05/29/25 14:20	05/31/25 00:06	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.16**		0.010	0.0023	mg/L		05/29/25 14:20	05/30/25 23:20	1

Method: SW846 6020B - Metals (ICP/MS) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.0020		0.0020	0.00057	mg/L		05/29/25 14:20	06/04/25 16:42	1

Client Sample Results

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B29 (1-5)
Date Collected: 05/23/25 12:40
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-6
Matrix: Solid
Percent Solids: 86.3

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.020**		0.018	0.0074	mg/Kg	☼	06/05/25 15:20	06/06/25 11:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.27		0.27	0.13	mg/Kg	☼	05/29/25 10:32	05/29/25 14:07	1
pH (SW846 9045D)	**6.8**		0.2	0.2	SU			05/27/25 15:45	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B29 (5-12)
Date Collected: 05/23/25 12:45
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-7
Matrix: Solid
Percent Solids: 73.8

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	**0.028**		0.020	0.0084	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Bromodichloromethane	<0.0020		0.0020	0.00065	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Bromomethane	<0.0050	*+	0.0050	0.0025	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
2-Butanone (MEK)	**0.0084**		0.0050	0.0022	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Carbon disulfide	<0.0050		0.0050	0.00093	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Carbon tetrachloride	<0.0020		0.0020	0.00069	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Chlorobenzene	<0.0020		0.0020	0.00085	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Chloroethane	<0.0050	*+	0.0050	0.0017	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Chloromethane	<0.0050		0.0050	0.00098	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00081	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
1,1-Dichloroethane	<0.0020		0.0020	0.00076	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
1,1-Dichloroethene	<0.0020		0.0020	0.00083	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
2-Hexanone	<0.0050		0.0050	0.0031	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Styrene	<0.0020		0.0020	0.00091	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.0010	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
trans-1,2-Dichloroethene	<0.0020	*+	0.0020	0.00076	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00097	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Trichloroethene	<0.0020		0.0020	0.00055	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Vinyl chloride	<0.0020	*+	0.0020	0.00082	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg	☼	05/24/25 09:17	06/04/25 18:54	1
1,3-Dichloropropene, Total	<2.0		2.0	0.97	ug/Kg	☼	05/24/25 09:17	06/04/25 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*75 - 131*	*05/24/25 09:17*	*06/04/25 18:54*	*1*
Dibromofluoromethane	*103*		*75 - 126*	*05/24/25 09:17*	*06/04/25 18:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*70 - 134*	*05/24/25 09:17*	*06/04/25 18:54*	*1*
Toluene-d8 (Surr)	*90*		*75 - 124*	*05/24/25 09:17*	*06/04/25 18:54*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.089		0.089	0.018	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Acenaphthylene	<0.089		0.089	0.015	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Anthracene	<0.089		0.089	0.018	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Benzo[a]anthracene	<0.089		0.089	0.019	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B29 (5-12)
Date Collected: 05/23/25 12:45
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-7
Matrix: Solid
Percent Solids: 73.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	<0.089		0.089	0.086	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Benzo[b]fluoranthene	<0.089		0.089	0.085	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Benzo[g,h,i]perylene	<0.089		0.089	0.040	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Benzo[k]fluoranthene	<0.089		0.089	0.034	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Bis(2-chloroethoxy)methane	<0.45		0.45	0.033	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Bis(2-chloroethyl)ether	<0.45		0.45	0.041	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Bis(2-ethylhexyl) phthalate	<0.45		0.45	0.35	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
4-Bromophenyl phenyl ether	<0.45		0.45	0.061	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Butyl benzyl phthalate	<0.45		0.45	0.044	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Carbazole	<0.45		0.45	0.035	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
4-Chloroaniline	<1.8		1.8	0.94	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
4-Chloro-3-methylphenol	<0.89		0.89	0.075	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
2-Chloronaphthalene	<0.45		0.45	0.033	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
2-Chlorophenol	<0.45		0.45	0.029	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
4-Chlorophenyl phenyl ether	<0.45		0.45	0.12	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Chrysene	<0.089		0.089	0.024	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Dibenz(a,h)anthracene	<0.089		0.089	0.089	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Dibenzofuran	<0.45		0.45	0.032	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
1,2-Dichlorobenzene	<0.45		0.45	0.036	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
1,3-Dichlorobenzene	<0.45		0.45	0.040	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
1,4-Dichlorobenzene	<0.45		0.45	0.042	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
3,3'-Dichlorobenzidine	<0.45		0.45	0.39	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
2,4-Dichlorophenol	<0.89		0.89	0.032	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Diethyl phthalate	<0.45		0.45	0.041	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
2,4-Dimethylphenol	<0.89		0.89	0.20	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Dimethyl phthalate	<0.45		0.45	0.019	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Di-n-butyl phthalate	<0.45		0.45	0.028	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
4,6-Dinitro-2-methylphenol	<1.8		1.8	0.50	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
2,4-Dinitrophenol	<1.8		1.8	0.52	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
2,4-Dinitrotoluene	<0.45		0.45	0.051	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
2,6-Dinitrotoluene	<0.45		0.45	0.063	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Di-n-octyl phthalate	<0.89		0.89	0.63	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Fluoranthene	**0.059**	**J**	0.089	0.021	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Fluorene	<0.089		0.089	0.026	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Hexachlorobenzene	<0.18		0.18	0.017	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Hexachlorobutadiene	<0.45		0.45	0.050	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Hexachlorocyclopentadiene	<1.8		1.8	0.95	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Hexachloroethane	<0.45		0.45	0.045	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Indeno[1,2,3-cd]pyrene	<0.089		0.089	0.087	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Isophorone	<0.45		0.45	0.046	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
2-Methylnaphthalene	<0.18		0.18	0.018	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
2-Methylphenol	<0.45		0.45	0.047	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
3 & 4 Methylphenol	<0.45		0.45	0.066	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Naphthalene	<0.089		0.089	0.016	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
2-Nitroaniline	<0.45		0.45	0.048	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
3-Nitroaniline	<0.89		0.89	0.041	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
4-Nitroaniline	<0.89		0.89	0.066	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Nitrobenzene	<0.089		0.089	0.028	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
2-Nitrophenol	<0.89		0.89	0.061	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2

Client Sample ID: 5-B29 (5-12)
Date Collected: 05/23/25 12:45
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-7
Matrix: Solid
Percent Solids: 73.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	<1.8		1.8	0.97	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
N-Nitrosodi-n-propylamine	<0.18		0.18	0.051	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
N-Nitrosodiphenylamine	<0.45		0.45	0.18	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
2,2'-oxybis[1-chloropropane]	<0.45		0.45	0.064	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Pentachlorophenol	<1.8		1.8	1.0	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Phenanthrene	**0.046**	**J**	0.089	0.019	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Phenol	**0.042**	**J**	0.45	0.039	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
Pyrene	**0.045**	**J**	0.089	0.024	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
1,2,4-Trichlorobenzene	<0.45		0.45	0.064	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
2,4,5-Trichlorophenol	<0.89		0.89	0.034	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2
2,4,6-Trichlorophenol	<0.89		0.89	0.030	mg/Kg	☼	05/29/25 07:33	05/30/25 22:19	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*87*		*43 - 145*	*05/29/25 07:33*	*05/30/25 22:19*	*2*
2-Fluorophenol	*93*		*31 - 166*	*05/29/25 07:33*	*05/30/25 22:19*	*2*
Nitrobenzene-d5 (Surr)	*76*		*37 - 147*	*05/29/25 07:33*	*05/30/25 22:19*	*2*
Phenol-d5	*99*		*30 - 153*	*05/29/25 07:33*	*05/30/25 22:19*	*2*
Terphenyl-d14 (Surr)	*88*		*42 - 157*	*05/29/25 07:33*	*05/30/25 22:19*	*2*
2,4,6-Tribromophenol	*69*		*31 - 143*	*05/29/25 07:33*	*05/30/25 22:19*	*2*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.5		2.5	0.48	mg/Kg	☼	05/29/25 08:59	05/30/25 17:51	1
Arsenic	**3.7**		1.2	0.42	mg/Kg	☼	05/29/25 08:59	05/30/25 17:51	1
Barium	**180**		1.2	0.14	mg/Kg	☼	05/29/25 08:59	05/30/25 17:51	1
Beryllium	**0.80**		0.49	0.11	mg/Kg	☼	05/29/25 08:59	05/30/25 17:51	1
Boron	**14**		6.1	0.57	mg/Kg	☼	05/29/25 08:59	05/30/25 17:51	1
Cadmium	**0.62**		0.25	0.044	mg/Kg	☼	05/29/25 08:59	05/30/25 17:51	1
Chromium	**20**		1.2	0.61	mg/Kg	☼	05/29/25 08:59	05/30/25 17:51	1
Cobalt	**6.0**		0.61	0.16	mg/Kg	☼	05/29/25 08:59	05/30/25 17:51	1
Copper	**24**		1.2	0.34	mg/Kg	☼	05/29/25 08:59	05/30/25 17:51	1
Iron	**17000**		25	13	mg/Kg	☼	05/29/25 08:59	05/30/25 17:51	1
Lead	**23**		0.61	0.28	mg/Kg	☼	05/29/25 08:59	05/30/25 17:51	1
Magnesium	**4000**		12	6.1	mg/Kg	☼	05/29/25 08:59	05/30/25 17:51	1
Manganese	**330**	**B**	1.2	0.18	mg/Kg	☼	05/29/25 08:59	05/30/25 17:51	1
Nickel	**22**		1.2	0.36	mg/Kg	☼	05/29/25 08:59	05/30/25 17:51	1
Selenium	**0.86**	**J**	1.2	0.72	mg/Kg	☼	05/29/25 08:59	05/30/25 17:51	1
Silver	**4.2**		0.61	0.16	mg/Kg	☼	05/29/25 08:59	05/30/25 17:51	1
Thallium	**2.4**		1.2	0.61	mg/Kg	☼	05/29/25 08:59	05/30/25 17:51	1
Vanadium	**32**		0.61	0.14	mg/Kg	☼	05/29/25 08:59	05/30/25 17:51	1
Zinc	**83**		2.5	1.1	mg/Kg	☼	05/29/25 08:59	06/02/25 15:58	1

Method: SW846 6010D - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.90**		0.20	0.082	mg/L		05/29/25 14:20	05/31/25 00:10	1
Manganese	**4.3**		0.010	0.0023	mg/L		05/29/25 14:20	05/31/25 00:10	1

Method: SW846 6010D - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	**0.51**		0.010	0.0023	mg/L		05/29/25 14:20	05/30/25 23:24	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B29 (5-12)
Date Collected: 05/23/25 12:45
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-7
Matrix: Solid
Percent Solids: 73.8

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.042		0.021	0.0087	mg/Kg	☼	06/05/25 15:20	06/06/25 11:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.29		0.29	0.15	mg/Kg	☼	05/29/25 10:32	05/29/25 14:08	1
pH (SW846 9045D)	7.0		0.2	0.2	SU			05/27/25 15:48	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		BFB	DBFM	DCA	TOL
Lab Sample ID	Client Sample ID	(75-131)	(75-126)	(70-134)	(75-124)
500-268875-1	5-B27 (1-5)	121	99	111	103
500-268875-2	5-B27 (5-12)	112	100	105	102
500-268875-3	5-B28 (1-5)	112	99	107	104
500-268875-4	5-B28 (1-5)D	112	100	105	102
500-268875-5	5-B28 (5-12)	111	101	107	90
500-268875-6	5-B29 (1-5)	134 S1+	99	104	102
500-268875-7	5-B29 (5-12)	114	103	112	90
LCS 500-820175/4	Lab Control Sample	108	104	107	104
LCSD 500-820175/5	Lab Control Sample Dup	113	104	106	100
MB 500-820175/7	Method Blank	112	98	101	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPHL	TBP
Lab Sample ID	Client Sample ID	(43-145)	(31-166)	(37-147)	(30-153)	(42-157)	(31-143)
500-268875-1	5-B27 (1-5)	73	80	78	87	75	60
500-268875-1 MS	5-B27 (1-5)	66	71	66	75	71	61
500-268875-1 MSD	5-B27 (1-5)	62	66	69	68	65	53
500-268875-2	5-B27 (5-12)	73	69	61	64	100	89
500-268875-3	5-B28 (1-5)	66	70	74	76	83	56
500-268875-4	5-B28 (1-5)D	74	83	84	87	86	54
500-268875-5	5-B28 (5-12)	82	93	94	96	88	69
500-268875-6	5-B29 (1-5)	67	74	77	78	82	51
500-268875-7	5-B29 (5-12)	87	93	76	99	88	69
LCS 500-819404/2-A	Lab Control Sample	79	79	77	72	87	91
MB 500-819404/1-A	Method Blank	103	101	107	101	108	103

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5
TPHL = Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(33-148)	(33-148)	(30-121)	(30-121)
500-268875-1	5-B27 (1-5)		76		84
500-268875-3	5-B28 (1-5)	86		76	

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCBP1 (33-148)	DCBP2 (33-148)	TCX1 (30-121)	TCX2 (30-121)
500-268875-4	5-B28 (1-5)D	81		69	
500-268875-6	5-B29 (1-5)	76		69	
LCS 500-819138/2-A	Lab Control Sample	96	95	80	80
MB 500-819138/1-A	Method Blank	112	114	95	96

Surrogate Legend

DCBP = DCB Decachlorobiphenyl

TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (49-129)	DCBP1 (37-121)
500-268875-1	5-B27 (1-5)	80	36 S1-
500-268875-3	5-B28 (1-5)	84	31 S1-
500-268875-4	5-B28 (1-5)D	80	28 S1-
500-268875-6	5-B29 (1-5)	98	20 S1-
LCS 500-819138/3-A	Lab Control Sample	81	56
MB 500-819138/1-A	Method Blank	84	62

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 500-820175/7
Matrix: Solid
Analysis Batch: 820175

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.020		0.020	0.0084	mg/Kg			06/04/25 11:39	1
Benzene	<0.0020		0.0020	0.00063	mg/Kg			06/04/25 11:39	1
Bromodichloromethane	<0.0020		0.0020	0.00064	mg/Kg			06/04/25 11:39	1
Bromoform	<0.0020		0.0020	0.0012	mg/Kg			06/04/25 11:39	1
Bromomethane	<0.0050		0.0050	0.0025	mg/Kg			06/04/25 11:39	1
2-Butanone (MEK)	<0.0050		0.0050	0.0022	mg/Kg			06/04/25 11:39	1
Carbon disulfide	<0.0050		0.0050	0.00092	mg/Kg			06/04/25 11:39	1
Carbon tetrachloride	<0.0020		0.0020	0.00068	mg/Kg			06/04/25 11:39	1
Chlorobenzene	<0.0020		0.0020	0.00084	mg/Kg			06/04/25 11:39	1
Chloroethane	<0.0050		0.0050	0.0016	mg/Kg			06/04/25 11:39	1
Chloroform	<0.0020		0.0020	0.0014	mg/Kg			06/04/25 11:39	1
Chloromethane	<0.0050		0.0050	0.00097	mg/Kg			06/04/25 11:39	1
cis-1,2-Dichloroethene	<0.0020		0.0020	0.00081	mg/Kg			06/04/25 11:39	1
cis-1,3-Dichloropropene	<0.0020		0.0020	0.00080	mg/Kg			06/04/25 11:39	1
Dibromochloromethane	<0.0020		0.0020	0.00093	mg/Kg			06/04/25 11:39	1
1,1-Dichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/04/25 11:39	1
1,2-Dichloroethane	<0.0050		0.0050	0.0013	mg/Kg			06/04/25 11:39	1
1,1-Dichloroethene	<0.0020		0.0020	0.00082	mg/Kg			06/04/25 11:39	1
1,2-Dichloropropane	<0.0020		0.0020	0.00052	mg/Kg			06/04/25 11:39	1
Ethylbenzene	<0.0020		0.0020	0.0011	mg/Kg			06/04/25 11:39	1
2-Hexanone	<0.0050		0.0050	0.0030	mg/Kg			06/04/25 11:39	1
Methylene Chloride	<0.0050		0.0050	0.0021	mg/Kg			06/04/25 11:39	1
4-Methyl-2-pentanone (MIBK)	<0.0050		0.0050	0.0036	mg/Kg			06/04/25 11:39	1
Methyl tert-butyl ether	<0.0020		0.0020	0.00065	mg/Kg			06/04/25 11:39	1
Styrene	<0.0020		0.0020	0.00090	mg/Kg			06/04/25 11:39	1
1,1,2,2-Tetrachloroethane	<0.0020		0.0020	0.00099	mg/Kg			06/04/25 11:39	1
Tetrachloroethene	<0.0020		0.0020	0.0011	mg/Kg			06/04/25 11:39	1
Toluene	<0.0020		0.0020	0.00040	mg/Kg			06/04/25 11:39	1
trans-1,2-Dichloroethene	<0.0020		0.0020	0.00076	mg/Kg			06/04/25 11:39	1
trans-1,3-Dichloropropene	<0.0020		0.0020	0.00096	mg/Kg			06/04/25 11:39	1
1,1,1-Trichloroethane	<0.0020		0.0020	0.00081	mg/Kg			06/04/25 11:39	1
1,1,2-Trichloroethane	<0.0020		0.0020	0.00075	mg/Kg			06/04/25 11:39	1
Trichloroethene	<0.0020		0.0020	0.00054	mg/Kg			06/04/25 11:39	1
Vinyl acetate	<0.0050		0.0050	0.0012	mg/Kg			06/04/25 11:39	1
Vinyl chloride	<0.0020		0.0020	0.00082	mg/Kg			06/04/25 11:39	1
Xylenes, Total	<0.0040		0.0040	0.00069	mg/Kg			06/04/25 11:39	1
1,3-Dichloropropene, Total	<2.0		2.0	0.96	ug/Kg			06/04/25 11:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*75 - 131*		*06/04/25 11:39*	*1*
Dibromofluoromethane	*98*		*75 - 126*		*06/04/25 11:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 134*		*06/04/25 11:39*	*1*
Toluene-d8 (Surr)	*93*		*75 - 124*		*06/04/25 11:39*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-820175/4
Matrix: Solid
Analysis Batch: 820175

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acetone	0.0500	0.0476		mg/Kg		95	40 - 150
Benzene	0.0500	0.0603		mg/Kg		121	70 - 125
Bromodichloromethane	0.0500	0.0584		mg/Kg		117	67 - 129
Bromoform	0.0500	0.0470		mg/Kg		94	68 - 136
Bromomethane	0.0500	0.0656	*+	mg/Kg		131	70 - 130
2-Butanone (MEK)	0.0500	0.0470		mg/Kg		94	47 - 138
Carbon disulfide	0.0500	0.0560		mg/Kg		112	70 - 129
Carbon tetrachloride	0.0500	0.0606		mg/Kg		121	75 - 125
Chlorobenzene	0.0500	0.0552		mg/Kg		110	50 - 150
Chloroethane	0.0500	0.0574		mg/Kg		115	75 - 125
Chloroform	0.0500	0.0603		mg/Kg		121	57 - 135
Chloromethane	0.0500	0.0618		mg/Kg		124	70 - 125
cis-1,2-Dichloroethene	0.0500	0.0608		mg/Kg		122	70 - 125
cis-1,3-Dichloropropene	0.0500	0.0613		mg/Kg		123	70 - 125
Dibromochloromethane	0.0500	0.0535		mg/Kg		107	69 - 125
1,1-Dichloroethane	0.0500	0.0583		mg/Kg		117	70 - 125
1,2-Dichloroethane	0.0500	0.0611		mg/Kg		122	70 - 130
1,1-Dichloroethene	0.0500	0.0557		mg/Kg		111	70 - 120
1,2-Dichloropropane	0.0500	0.0565		mg/Kg		113	70 - 125
Ethylbenzene	0.0500	0.0548		mg/Kg		110	61 - 136
2-Hexanone	0.0500	0.0473		mg/Kg		95	48 - 146
Methylene Chloride	0.0500	0.0525		mg/Kg		105	70 - 126
4-Methyl-2-pentanone (MIBK)	0.0500	0.0443		mg/Kg		89	50 - 148
Methyl tert-butyl ether	0.0500	0.0640		mg/Kg		128	50 - 140
Styrene	0.0500	0.0546		mg/Kg		109	70 - 125
1,1,2,2-Tetrachloroethane	0.0500	0.0555		mg/Kg		111	70 - 122
Tetrachloroethene	0.0500	0.0570		mg/Kg		114	70 - 124
Toluene	0.0500	0.0626		mg/Kg		125	70 - 125
trans-1,2-Dichloroethene	0.0500	0.0627		mg/Kg		125	70 - 125
trans-1,3-Dichloropropene	0.0500	0.0578		mg/Kg		116	70 - 125
1,1,1-Trichloroethane	0.0500	0.0610		mg/Kg		122	70 - 128
1,1,2-Trichloroethane	0.0500	0.0569		mg/Kg		114	70 - 125
Trichloroethene	0.0500	0.0570		mg/Kg		114	70 - 125
Vinyl acetate	0.0500	0.0593		mg/Kg		119	40 - 153
Vinyl chloride	0.0500	0.0678	*+	mg/Kg		136	70 - 125
Xylenes, Total	0.100	0.113		mg/Kg		113	53 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*75 - 131*
Dibromofluoromethane	*104*		*75 - 126*
1,2-Dichloroethane-d4 (Surr)	*107*		*70 - 134*
Toluene-d8 (Surr)	*104*		*75 - 124*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 500-820175/5
Matrix: Solid
Analysis Batch: 820175

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.0500	0.0501		mg/Kg		100	40 - 150	5	30
Benzene			0.0500	0.0600		mg/Kg		120	70 - 125	1	30
Bromodichloromethane			0.0500	0.0585		mg/Kg		117	67 - 129	0	30
Bromoform			0.0500	0.0473		mg/Kg		95	68 - 136	1	30
Bromomethane			0.0500	0.0664	*+	mg/Kg		133	70 - 130	1	30
2-Butanone (MEK)			0.0500	0.0459		mg/Kg		92	47 - 138	2	30
Carbon disulfide			0.0500	0.0565		mg/Kg		113	70 - 129	1	30
Carbon tetrachloride			0.0500	0.0613		mg/Kg		123	75 - 125	1	30
Chlorobenzene			0.0500	0.0555		mg/Kg		111	50 - 150	1	30
Chloroethane			0.0500	0.0632	*+	mg/Kg		126	75 - 125	10	30
Chloroform			0.0500	0.0603		mg/Kg		121	57 - 135	0	30
Chloromethane			0.0500	0.0595		mg/Kg		119	70 - 125	4	30
cis-1,2-Dichloroethene			0.0500	0.0610		mg/Kg		122	70 - 125	0	30
cis-1,3-Dichloropropene			0.0500	0.0539		mg/Kg		108	70 - 125	13	30
Dibromochloromethane			0.0500	0.0512		mg/Kg		102	69 - 125	4	30
1,1-Dichloroethane			0.0500	0.0588		mg/Kg		118	70 - 125	1	30
1,2-Dichloroethane			0.0500	0.0610		mg/Kg		122	70 - 130	0	30
1,1-Dichloroethene			0.0500	0.0562		mg/Kg		112	70 - 120	1	30
1,2-Dichloropropane			0.0500	0.0564		mg/Kg		113	70 - 125	0	30
Ethylbenzene			0.0500	0.0552		mg/Kg		110	61 - 136	1	30
2-Hexanone			0.0500	0.0406		mg/Kg		81	48 - 146	15	30
Methylene Chloride			0.0500	0.0533		mg/Kg		107	70 - 126	2	30
4-Methyl-2-pentanone (MIBK)			0.0500	0.0411		mg/Kg		82	50 - 148	8	30
Methyl tert-butyl ether			0.0500	0.0651		mg/Kg		130	50 - 140	2	30
Styrene			0.0500	0.0547		mg/Kg		109	70 - 125	0	30
1,1,2,2-Tetrachloroethane			0.0500	0.0556		mg/Kg		111	70 - 122	0	30
Tetrachloroethene			0.0500	0.0510		mg/Kg		102	70 - 124	11	30
Toluene			0.0500	0.0555		mg/Kg		111	70 - 125	12	30
trans-1,2-Dichloroethene			0.0500	0.0645	*+	mg/Kg		129	70 - 125	3	30
trans-1,3-Dichloropropene			0.0500	0.0551		mg/Kg		110	70 - 125	5	30
1,1,1-Trichloroethane			0.0500	0.0624		mg/Kg		125	70 - 128	2	30
1,1,2-Trichloroethane			0.0500	0.0552		mg/Kg		110	70 - 125	3	30
Trichloroethene			0.0500	0.0571		mg/Kg		114	70 - 125	0	30
Vinyl acetate			0.0500	0.0575		mg/Kg		115	40 - 153	3	30
Vinyl chloride			0.0500	0.0697	*+	mg/Kg		139	70 - 125	3	30
Xylenes, Total			0.100	0.112		mg/Kg		112	53 - 147	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*75 - 131*
Dibromofluoromethane	*104*		*75 - 126*
1,2-Dichloroethane-d4 (Surr)	*106*		*70 - 134*
Toluene-d8 (Surr)	*100*		*75 - 124*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-819404/1-A
Matrix: Solid
Analysis Batch: 819417

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	<0.033		0.033	0.0068	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Acenaphthylene	<0.033		0.033	0.0056	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Anthracene	<0.033		0.033	0.0068	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Benzo[a]anthracene	<0.033		0.033	0.0070	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Benzo[a]pyrene	<0.033		0.033	0.032	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Benzo[b]fluoranthene	<0.033		0.033	0.032	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Benzo[g,h,i]perylene	<0.033		0.033	0.015	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Benzo[k]fluoranthene	<0.033		0.033	0.013	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Bis(2-chloroethoxy)methane	<0.17		0.17	0.012	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Bis(2-chloroethyl)ether	<0.17		0.17	0.015	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Bis(2-ethylhexyl) phthalate	<0.17		0.17	0.13	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
4-Bromophenyl phenyl ether	<0.17		0.17	0.023	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Butyl benzyl phthalate	<0.17		0.17	0.017	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Carbazole	<0.17		0.17	0.013	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
4-Chloroaniline	<0.67		0.67	0.35	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
4-Chloro-3-methylphenol	<0.33		0.33	0.028	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
2-Chloronaphthalene	<0.17		0.17	0.012	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
2-Chlorophenol	<0.17		0.17	0.011	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
4-Chlorophenyl phenyl ether	<0.17		0.17	0.044	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Chrysene	<0.033		0.033	0.0088	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Dibenz(a,h)anthracene	<0.033		0.033	0.033	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Dibenzofuran	<0.17		0.17	0.012	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
1,2-Dichlorobenzene	<0.17		0.17	0.014	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
1,3-Dichlorobenzene	<0.17		0.17	0.015	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
1,4-Dichlorobenzene	<0.17		0.17	0.016	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
3,3'-Dichlorobenzidine	<0.17		0.17	0.15	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
2,4-Dichlorophenol	<0.33		0.33	0.012	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Diethyl phthalate	<0.17		0.17	0.015	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
2,4-Dimethylphenol	<0.33		0.33	0.074	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Dimethyl phthalate	<0.17		0.17	0.0072	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Di-n-butyl phthalate	<0.17		0.17	0.011	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
4,6-Dinitro-2-methylphenol	<0.67		0.67	0.19	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
2,4-Dinitrophenol	<0.67		0.67	0.19	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
2,4-Dinitrotoluene	<0.17		0.17	0.019	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
2,6-Dinitrotoluene	<0.17		0.17	0.023	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Di-n-octyl phthalate	<0.33		0.33	0.23	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Fluoranthene	<0.033		0.033	0.0077	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Fluorene	<0.033		0.033	0.0098	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Hexachlorobenzene	<0.067		0.067	0.0064	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Hexachlorobutadiene	<0.17		0.17	0.019	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Hexachlorocyclopentadiene	<0.67		0.67	0.35	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Hexachloroethane	<0.17		0.17	0.017	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Indeno[1,2,3-cd]pyrene	<0.033		0.033	0.032	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Isophorone	<0.17		0.17	0.017	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
2-Methylnaphthalene	<0.067		0.067	0.0067	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
2-Methylphenol	<0.17		0.17	0.018	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
3 & 4 Methylphenol	<0.17		0.17	0.024	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Naphthalene	<0.033		0.033	0.0060	mg/Kg		05/29/25 07:33	05/29/25 16:52	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-819404/1-A
Matrix: Solid
Analysis Batch: 819417

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819404

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	<0.17		0.17	0.018	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
3-Nitroaniline	<0.33		0.33	0.015	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
4-Nitroaniline	<0.33		0.33	0.025	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Nitrobenzene	<0.033		0.033	0.011	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
2-Nitrophenol	<0.33		0.33	0.023	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
4-Nitrophenol	<0.67		0.67	0.36	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
N-Nitrosodi-n-propylamine	<0.067		0.067	0.019	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
N-Nitrosodiphenylamine	<0.17		0.17	0.066	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
2,2'-oxybis[1-chloropropane]	<0.17		0.17	0.024	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Pentachlorophenol	<0.67		0.67	0.37	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Phenanthrene	<0.033		0.033	0.0072	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Phenol	<0.17		0.17	0.014	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
Pyrene	<0.033		0.033	0.0091	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
1,2,4-Trichlorobenzene	<0.17		0.17	0.024	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
2,4,5-Trichlorophenol	<0.33		0.33	0.013	mg/Kg		05/29/25 07:33	05/29/25 16:52	1
2,4,6-Trichlorophenol	<0.33		0.33	0.011	mg/Kg		05/29/25 07:33	05/29/25 16:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr)	*103*		*43 - 145*	*05/29/25 07:33*	*05/29/25 16:52*	*1*
2-Fluorophenol	*101*		*31 - 166*	*05/29/25 07:33*	*05/29/25 16:52*	*1*
Nitrobenzene-d5 (Surr)	*107*		*37 - 147*	*05/29/25 07:33*	*05/29/25 16:52*	*1*
Phenol-d5	*101*		*30 - 153*	*05/29/25 07:33*	*05/29/25 16:52*	*1*
Terphenyl-d14 (Surr)	*108*		*42 - 157*	*05/29/25 07:33*	*05/29/25 16:52*	*1*
2,4,6-Tribromophenol	*103*		*31 - 143*	*05/29/25 07:33*	*05/29/25 16:52*	*1*

Lab Sample ID: LCS 500-819404/2-A
Matrix: Solid
Analysis Batch: 819413

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	3.33	2.47		mg/Kg		74	63 - 109
Acenaphthylene	3.33	2.51		mg/Kg		75	61 - 115
Anthracene	3.33	2.79		mg/Kg		84	68 - 120
Benzo[a]anthracene	3.33	2.67		mg/Kg		80	70 - 121
Benzo[a]pyrene	3.33	2.85		mg/Kg		86	73 - 132
Benzo[b]fluoranthene	3.33	2.74		mg/Kg		82	68 - 123
Benzo[g,h,i]perylene	3.33	2.57		mg/Kg		77	65 - 126
Benzo[k]fluoranthene	3.33	2.85		mg/Kg		86	64 - 128
Bis(2-chloroethoxy)methane	3.33	2.41		mg/Kg		72	54 - 102
Bis(2-chloroethyl)ether	3.33	2.25		mg/Kg		67	49 - 99
Bis(2-ethylhexyl) phthalate	3.33	2.74		mg/Kg		82	70 - 139
4-Bromophenyl phenyl ether	3.33	2.87		mg/Kg		86	57 - 124
Butyl benzyl phthalate	3.33	2.67		mg/Kg		80	65 - 140
Carbazole	3.33	2.76		mg/Kg		83	68 - 120
4-Chloroaniline	3.33	2.33		mg/Kg		70	22 - 110
4-Chloro-3-methylphenol	3.33	2.52		mg/Kg		76	57 - 113
2-Chloronaphthalene	3.33	2.52		mg/Kg		76	60 - 107
2-Chlorophenol	3.33	2.44		mg/Kg		73	50 - 102

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-819404/2-A
Matrix: Solid
Analysis Batch: 819413

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819404

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chlorophenyl phenyl ether	3.33	2.76		mg/Kg		83	60 - 112
Chrysene	3.33	2.62		mg/Kg		78	70 - 123
Dibenz(a,h)anthracene	3.33	2.74		mg/Kg		82	66 - 125
Dibenzofuran	3.33	2.58		mg/Kg		77	64 - 112
1,2-Dichlorobenzene	3.33	2.38		mg/Kg		71	47 - 94
1,3-Dichlorobenzene	3.33	2.32		mg/Kg		70	47 - 92
1,4-Dichlorobenzene	3.33	2.42		mg/Kg		73	46 - 92
3,3'-Dichlorobenzidine	3.33	2.18		mg/Kg		65	36 - 131
2,4-Dichlorophenol	3.33	2.68		mg/Kg		80	51 - 109
Diethyl phthalate	3.33	2.61		mg/Kg		78	66 - 115
2,4-Dimethylphenol	3.33	2.53		mg/Kg		76	48 - 93
Dimethyl phthalate	3.33	2.60		mg/Kg		78	65 - 114
Di-n-butyl phthalate	3.33	2.82		mg/Kg		85	69 - 125
4,6-Dinitro-2-methylphenol	6.67	6.05		mg/Kg		91	36 - 138
2,4-Dinitrophenol	6.67	5.20		mg/Kg		78	10 - 130
2,4-Dinitrotoluene	3.33	2.55		mg/Kg		77	65 - 120
2,6-Dinitrotoluene	3.33	2.60		mg/Kg		78	66 - 117
Di-n-octyl phthalate	3.33	2.88		mg/Kg		86	61 - 131
Fluoranthene	3.33	2.86		mg/Kg		86	66 - 123
Fluorene	3.33	2.56		mg/Kg		77	62 - 113
Hexachlorobenzene	3.33	2.85		mg/Kg		85	52 - 126
Hexachlorobutadiene	3.33	2.91		mg/Kg		87	42 - 103
Hexachlorocyclopentadiene	3.33	2.44		mg/Kg		73	10 - 100
Hexachloroethane	3.33	2.32		mg/Kg		70	45 - 95
Indeno[1,2,3-cd]pyrene	3.33	2.91		mg/Kg		87	66 - 131
Isophorone	3.33	2.44		mg/Kg		73	47 - 108
2-Methylnaphthalene	3.33	2.56		mg/Kg		77	58 - 103
2-Methylphenol	3.33	2.43		mg/Kg		73	50 - 104
3 & 4 Methylphenol	3.33	2.45		mg/Kg		73	49 - 109
Naphthalene	3.33	2.46		mg/Kg		74	54 - 98
2-Nitroaniline	3.33	2.57		mg/Kg		77	61 - 126
3-Nitroaniline	3.33	2.30		mg/Kg		69	44 - 124
4-Nitroaniline	3.33	2.50		mg/Kg		75	60 - 115
Nitrobenzene	3.33	2.48		mg/Kg		74	52 - 105
2-Nitrophenol	3.33	2.58		mg/Kg		77	41 - 114
4-Nitrophenol	6.67	5.25		mg/Kg		79	45 - 126
N-Nitrosodi-n-propylamine	3.33	2.43		mg/Kg		73	48 - 110
N-Nitrosodiphenylamine	3.33	2.78		mg/Kg		83	67 - 112
2,2'-oxybis[1-chloropropane]	3.33	2.37		mg/Kg		71	43 - 111
Pentachlorophenol	6.67	6.17		mg/Kg		93	32 - 128
Phenanthrene	3.33	2.72		mg/Kg		81	65 - 115
Phenol	3.33	2.24		mg/Kg		67	52 - 110
Pyrene	3.33	2.66		mg/Kg		80	71 - 128
1,2,4-Trichlorobenzene	3.33	2.71		mg/Kg		81	49 - 100
2,4,5-Trichlorophenol	3.33	2.71		mg/Kg		81	48 - 121
2,4,6-Trichlorophenol	3.33	2.84		mg/Kg		85	50 - 121

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-819404/2-A
Matrix: Solid
Analysis Batch: 819413

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819404

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*79*		*43 - 145*
2-Fluorophenol	*79*		*31 - 166*
Nitrobenzene-d5 (Surr)	*77*		*37 - 147*
Phenol-d5	*72*		*30 - 153*
Terphenyl-d14 (Surr)	*87*		*42 - 157*
2,4,6-Tribromophenol	*91*		*31 - 143*

Lab Sample ID: 500-268875-1 MS
Matrix: Solid
Analysis Batch: 819623

Client Sample ID: 5-B27 (1-5)
Prep Type: Total/NA
Prep Batch: 819404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	0.29	F1	3.68	2.65	F1	mg/Kg	☼	64	65 - 124
Acenaphthylene	0.054	J F1	3.68	2.53	F1	mg/Kg	☼	67	68 - 120
Anthracene	0.26		3.68	2.91		mg/Kg	☼	72	70 - 114
Benzo[a]anthracene	0.28		3.68	2.85		mg/Kg	☼	70	67 - 122
Benzo[a]pyrene	0.30		3.68	2.99		mg/Kg	☼	73	65 - 133
Benzo[b]fluoranthene	0.48		3.68	3.28		mg/Kg	☼	76	69 - 129
Benzo[g,h,i]perylene	0.26	F1	3.68	2.56	F1	mg/Kg	☼	63	72 - 131
Benzo[k]fluoranthene	0.15		3.68	2.79		mg/Kg	☼	72	68 - 127
Bis(2-chloroethoxy)methane	<0.35		3.68	2.47		mg/Kg	☼	67	60 - 112
Bis(2-chloroethyl)ether	<0.35		3.68	2.50		mg/Kg	☼	68	55 - 111
Bis(2-ethylhexyl) phthalate	<0.35		3.68	3.26		mg/Kg	☼	89	72 - 131
4-Bromophenyl phenyl ether	<0.35	F1	3.68	2.33	F1	mg/Kg	☼	63	68 - 118
Butyl benzyl phthalate	<0.35		3.68	3.24		mg/Kg	☼	88	71 - 129
Carbazole	<0.35		3.68	2.92		mg/Kg	☼	79	65 - 142
4-Chloroaniline	<1.4		3.68	2.21		mg/Kg	☼	60	30 - 150
4-Chloro-3-methylphenol	<0.69		3.68	2.66		mg/Kg	☼	72	65 - 122
2-Chloronaphthalene	<0.35	F1	3.68	2.45	F1	mg/Kg	☼	66	69 - 114
2-Chlorophenol	<0.35	F1	3.68	2.44		mg/Kg	☼	66	64 - 110
4-Chlorophenyl phenyl ether	<0.35	F1	3.68	2.23	F1	mg/Kg	☼	61	62 - 119
Chrysene	0.33		3.68	2.89		mg/Kg	☼	70	63 - 120
Dibenz(a,h)anthracene	<0.069	F1	3.68	2.55		mg/Kg	☼	69	64 - 131
Dibenzofuran	0.19	J	3.68	2.66		mg/Kg	☼	67	66 - 115
1,2-Dichlorobenzene	<0.35	F1	3.68	2.19	F1	mg/Kg	☼	60	62 - 110
1,3-Dichlorobenzene	<0.35	F1	3.68	2.10	F1	mg/Kg	☼	57	60 - 110
1,4-Dichlorobenzene	<0.35	F1	3.68	2.19	F1	mg/Kg	☼	59	61 - 110
3,3'-Dichlorobenzidine	<0.35		3.68	2.13		mg/Kg	☼	58	35 - 128
2,4-Dichlorophenol	<0.69	F1	3.68	2.16		mg/Kg	☼	59	58 - 120
Diethyl phthalate	<0.35		3.68	2.60		mg/Kg	☼	71	58 - 120
2,4-Dimethylphenol	<0.69		3.68	2.45		mg/Kg	☼	67	60 - 110
Dimethyl phthalate	<0.35	F1	3.68	2.52	F1	mg/Kg	☼	68	69 - 116
Di-n-butyl phthalate	<0.35		3.68	2.94		mg/Kg	☼	80	65 - 120
4,6-Dinitro-2-methylphenol	<1.4	F2	7.36	1.59		mg/Kg	☼	22	10 - 110
2,4-Dinitrophenol	<1.4	F2 F1	7.36	0.684	J F1	mg/Kg	☼	9	10 - 100
2,4-Dinitrotoluene	<0.35	F1	3.68	1.91	F1	mg/Kg	☼	52	69 - 124
2,6-Dinitrotoluene	<0.35	F1	3.68	2.08	F1	mg/Kg	☼	57	70 - 123
Di-n-octyl phthalate	<0.69		3.68	2.89		mg/Kg	☼	78	68 - 134

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-268875-1 MS
Matrix: Solid
Analysis Batch: 819623

Client Sample ID: 5-B27 (1-5)
Prep Type: Total/NA
Prep Batch: 819404

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoranthene	0.65		3.68	3.37		mg/Kg	☼	74	62 - 120
Fluorene	0.41		3.68	2.73		mg/Kg	☼	63	62 - 120
Hexachlorobenzene	<0.14	F1	3.68	2.21	F1	mg/Kg	☼	60	63 - 124
Hexachlorobutadiene	<0.35	F1	3.68	1.75	F1	mg/Kg	☼	47	56 - 120
Hexachlorocyclopentadiene	<1.4	F1	3.68	<1.5	F1	mg/Kg	☼	0	10 - 133
Hexachloroethane	<0.35	F1	3.68	1.99	F1	mg/Kg	☼	54	60 - 114
Indeno[1,2,3-cd]pyrene	0.25	F1	3.68	2.77		mg/Kg	☼	69	68 - 130
Isophorone	<0.35		3.68	2.52		mg/Kg	☼	68	55 - 110
2-Methylnaphthalene	0.20	F1	3.68	2.44	F1	mg/Kg	☼	61	69 - 112
2-Methylphenol	<0.35		3.68	2.52		mg/Kg	☼	68	60 - 120
3 & 4 Methylphenol	<0.35		3.68	2.49		mg/Kg	☼	68	57 - 120
Naphthalene	0.11	F1	3.68	2.34	F1	mg/Kg	☼	61	63 - 110
2-Nitroaniline	<0.35		3.68	2.91		mg/Kg	☼	79	57 - 124
3-Nitroaniline	<0.69		3.68	2.61		mg/Kg	☼	71	40 - 122
4-Nitroaniline	<0.69		3.68	2.50		mg/Kg	☼	68	60 - 160
Nitrobenzene	<0.069		3.68	2.35		mg/Kg	☼	64	60 - 116
2-Nitrophenol	<0.69	F1	3.68	1.85	F1	mg/Kg	☼	50	60 - 120
4-Nitrophenol	<1.4		7.36	5.37		mg/Kg	☼	73	30 - 122
N-Nitrosodi-n-propylamine	<0.14		3.68	2.63		mg/Kg	☼	72	56 - 118
N-Nitrosodiphenylamine	<0.35	F1	3.68	3.43		mg/Kg	☼	93	65 - 112
2,2'-oxybis[1-chloropropane]	<0.35		3.68	2.61		mg/Kg	☼	71	40 - 124
Pentachlorophenol	<1.4		7.36	3.87		mg/Kg	☼	53	13 - 112
Phenanthrene	0.91	F2 F1	3.68	3.63		mg/Kg	☼	74	62 - 120
Phenol	<0.35		3.68	2.62		mg/Kg	☼	71	56 - 122
Pyrene	0.81		3.68	3.63		mg/Kg	☼	77	61 - 128
1,2,4-Trichlorobenzene	<0.35	F1	3.68	1.98	F1	mg/Kg	☼	54	66 - 117
2,4,5-Trichlorophenol	<0.69		3.68	2.35		mg/Kg	☼	64	50 - 120
2,4,6-Trichlorophenol	<0.69		3.68	2.43		mg/Kg	☼	66	57 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*66*		*43 - 145*
2-Fluorophenol	*71*		*31 - 166*
Nitrobenzene-d5 (Surr)	*66*		*37 - 147*
Phenol-d5	*75*		*30 - 153*
Terphenyl-d14 (Surr)	*71*		*42 - 157*
2,4,6-Tribromophenol	*61*		*31 - 143*

Lab Sample ID: 500-268875-1 MSD
Matrix: Solid
Analysis Batch: 819623

Client Sample ID: 5-B27 (1-5)
Prep Type: Total/NA
Prep Batch: 819404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	0.29	F1	3.51	2.58		mg/Kg	☼	65	65 - 124	3	30
Acenaphthylene	0.054	J F1	3.51	2.31	F1	mg/Kg	☼	64	68 - 120	9	30
Anthracene	0.26		3.51	2.92		mg/Kg	☼	76	70 - 114	0	30
Benzo[a]anthracene	0.28		3.51	2.88		mg/Kg	☼	74	67 - 122	1	30
Benzo[a]pyrene	0.30		3.51	2.95		mg/Kg	☼	75	65 - 133	1	30
Benzo[b]fluoranthene	0.48		3.51	3.07		mg/Kg	☼	73	69 - 129	7	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-268875-1 MSD
Matrix: Solid
Analysis Batch: 819623

Client Sample ID: 5-B27 (1-5)
Prep Type: Total/NA
Prep Batch: 819404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[g,h,i]perylene	0.26	F1	3.51	2.30	F1	mg/Kg	☼	58	72 - 131	11	30
Benzo[k]fluoranthene	0.15		3.51	2.80		mg/Kg	☼	76	68 - 127	1	30
Bis(2-chloroethoxy)methane	<0.35		3.51	2.20		mg/Kg	☼	63	60 - 112	12	30
Bis(2-chloroethyl)ether	<0.35		3.51	2.21		mg/Kg	☼	63	55 - 111	13	30
Bis(2-ethylhexyl) phthalate	<0.35		3.51	2.92		mg/Kg	☼	83	72 - 131	11	30
4-Bromophenyl phenyl ether	<0.35	F1	3.51	1.97	F1	mg/Kg	☼	56	68 - 118	17	30
Butyl benzyl phthalate	<0.35		3.51	2.89		mg/Kg	☼	82	71 - 129	12	30
Carbazole	<0.35		3.51	2.69		mg/Kg	☼	77	65 - 142	8	30
4-Chloroaniline	<1.4		3.51	1.90		mg/Kg	☼	54	30 - 150	15	30
4-Chloro-3-methylphenol	<0.69		3.51	2.36		mg/Kg	☼	67	65 - 122	12	30
2-Chloronaphthalene	<0.35	F1	3.51	2.12	F1	mg/Kg	☼	60	69 - 114	14	30
2-Chlorophenol	<0.35	F1	3.51	2.13	F1	mg/Kg	☼	61	64 - 110	14	30
4-Chlorophenyl phenyl ether	<0.35	F1	3.51	1.91	F1	mg/Kg	☼	54	62 - 119	15	30
Chrysene	0.33		3.51	3.11		mg/Kg	☼	79	63 - 120	7	30
Dibenz(a,h)anthracene	<0.069	F1	3.51	2.22	F1	mg/Kg	☼	63	64 - 131	14	30
Dibenzofuran	0.19	J	3.51	2.55		mg/Kg	☼	67	66 - 115	4	30
1,2-Dichlorobenzene	<0.35	F1	3.51	1.82	F1	mg/Kg	☼	52	62 - 110	18	30
1,3-Dichlorobenzene	<0.35	F1	3.51	1.80	F1	mg/Kg	☼	51	60 - 110	16	30
1,4-Dichlorobenzene	<0.35	F1	3.51	1.79	F1	mg/Kg	☼	51	61 - 110	20	30
3,3'-Dichlorobenzidine	<0.35		3.51	1.76		mg/Kg	☼	50	35 - 128	19	30
2,4-Dichlorophenol	<0.69	F1	3.51	1.86	F1	mg/Kg	☼	53	58 - 120	15	30
Diethyl phthalate	<0.35		3.51	2.23		mg/Kg	☼	64	58 - 120	15	30
2,4-Dimethylphenol	<0.69		3.51	2.12		mg/Kg	☼	60	60 - 110	14	30
Dimethyl phthalate	<0.35	F1	3.51	2.12	F1	mg/Kg	☼	60	69 - 116	17	30
Di-n-butyl phthalate	<0.35		3.51	2.59		mg/Kg	☼	74	65 - 120	13	30
4,6-Dinitro-2-methylphenol	<1.4	F2	7.03	2.16	F2	mg/Kg	☼	31	10 - 110	31	30
2,4-Dinitrophenol	<1.4	F2 F1	7.03	1.15	J F2	mg/Kg	☼	16	10 - 100	51	30
2,4-Dinitrotoluene	<0.35	F1	3.51	2.28	F1	mg/Kg	☼	65	69 - 124	18	30
2,6-Dinitrotoluene	<0.35	F1	3.51	2.05	F1	mg/Kg	☼	58	70 - 123	2	30
Di-n-octyl phthalate	<0.69		3.51	2.45		mg/Kg	☼	70	68 - 134	16	30
Fluoranthene	0.65		3.51	3.94		mg/Kg	☼	94	62 - 120	16	30
Fluorene	0.41		3.51	3.06		mg/Kg	☼	75	62 - 120	11	30
Hexachlorobenzene	<0.14	F1	3.51	1.72	F1	mg/Kg	☼	49	63 - 124	25	30
Hexachlorobutadiene	<0.35	F1	3.51	1.52	F1	mg/Kg	☼	43	56 - 120	14	30
Hexachlorocyclopentadiene	<1.4	F1	3.51	<1.4	F1	mg/Kg	☼	0	10 - 133	NC	30
Hexachloroethane	<0.35	F1	3.51	1.70	F1	mg/Kg	☼	49	60 - 114	15	30
Indeno[1,2,3-cd]pyrene	0.25	F1	3.51	2.57	F1	mg/Kg	☼	66	68 - 130	7	30
Isophorone	<0.35		3.51	2.21		mg/Kg	☼	63	55 - 110	13	30
2-Methylnaphthalene	0.20	F1	3.51	2.69		mg/Kg	☼	71	69 - 112	10	30
2-Methylphenol	<0.35		3.51	2.34		mg/Kg	☼	67	60 - 120	7	30
3 & 4 Methylphenol	<0.35		3.51	2.25		mg/Kg	☼	64	57 - 120	10	30
Naphthalene	0.11	F1	3.51	2.30	F1	mg/Kg	☼	62	63 - 110	2	30
2-Nitroaniline	<0.35		3.51	2.81		mg/Kg	☼	80	57 - 124	3	30
3-Nitroaniline	<0.69		3.51	2.23		mg/Kg	☼	64	40 - 122	15	30
4-Nitroaniline	<0.69		3.51	2.28		mg/Kg	☼	65	60 - 160	9	30
Nitrobenzene	<0.069		3.51	2.31		mg/Kg	☼	66	60 - 116	2	30
2-Nitrophenol	<0.69	F1	3.51	1.85	F1	mg/Kg	☼	53	60 - 120	0	30
4-Nitrophenol	<1.4		7.03	4.00		mg/Kg	☼	57	30 - 122	29	30
N-Nitrosodi-n-propylamine	<0.14		3.51	2.29		mg/Kg	☼	65	56 - 118	14	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 500-268875-1 MSD
Matrix: Solid
Analysis Batch: 819623

Client Sample ID: 5-B27 (1-5)
Prep Type: Total/NA
Prep Batch: 819404

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-Nitrosodiphenylamine	<0.35	F1	3.51	4.02	F1	mg/Kg	☼	114	65 - 112	16	30
2,2'-oxybis[1-chloropropane]	<0.35		3.51	2.24		mg/Kg	☼	64	40 - 124	15	30
Pentachlorophenol	<1.4		7.03	3.13		mg/Kg	☼	45	13 - 112	21	30
Phenanthrene	0.91	F2 F1	3.51	5.29	F1 F2	mg/Kg	☼	125	62 - 120	37	30
Phenol	<0.35		3.51	2.20		mg/Kg	☼	63	56 - 122	17	30
Pyrene	0.81		3.51	4.28		mg/Kg	☼	99	61 - 128	16	30
1,2,4-Trichlorobenzene	<0.35	F1	3.51	1.75	F1	mg/Kg	☼	50	66 - 117	12	30
2,4,5-Trichlorophenol	<0.69		3.51	2.10		mg/Kg	☼	60	50 - 120	11	30
2,4,6-Trichlorophenol	<0.69		3.51	1.99		mg/Kg	☼	57	57 - 120	20	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl (Surr)	*62*		*43 - 145*
2-Fluorophenol	*66*		*31 - 166*
Nitrobenzene-d5 (Surr)	*69*		*37 - 147*
Phenol-d5	*68*		*30 - 153*
Terphenyl-d14 (Surr)	*65*		*42 - 157*
2,4,6-Tribromophenol	*53*		*31 - 143*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 500-819138/1-A
Matrix: Solid
Analysis Batch: 819327

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819138

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
alpha-BHC	<1.7		1.7	0.95	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
alpha-BHC	<1.7		1.7	0.95	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
beta-BHC	<1.7		1.7	1.4	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
beta-BHC	<1.7		1.7	1.4	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
delta-BHC	<1.7		1.7	0.81	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
delta-BHC	<1.7		1.7	0.81	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
gamma-BHC (Lindane)	<1.7		1.7	0.84	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
gamma-BHC (Lindane)	<1.7		1.7	0.84	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Heptachlor	<1.7		1.7	0.91	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Heptachlor	<1.7		1.7	0.91	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Aldrin	<1.7		1.7	1.2	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Aldrin	<1.7		1.7	1.2	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Heptachlor epoxide	<1.7		1.7	0.91	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Heptachlor epoxide	<1.7		1.7	0.91	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Endosulfan I	<1.7		1.7	0.91	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Endosulfan I	<1.7		1.7	0.91	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Dieldrin	<1.7		1.7	0.88	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Dieldrin	<1.7		1.7	0.88	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
4,4'-DDE	<1.7		1.7	0.87	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
4,4'-DDE	<1.7		1.7	0.87	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Endrin	<1.7		1.7	0.86	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Endrin	<1.7		1.7	0.86	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Endosulfan II	<1.7		1.7	0.93	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Endosulfan II	<1.7		1.7	0.93	ug/Kg		05/27/25 14:12	05/28/25 14:37	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 500-819138/1-A
Matrix: Solid
Analysis Batch: 819327

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819138

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	<1.7		1.7	0.91	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
4,4'-DDD	<1.7		1.7	0.91	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Endosulfan sulfate	<1.7		1.7	0.93	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Endosulfan sulfate	<1.7		1.7	0.93	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
4,4'-DDT	<1.7		1.7	0.80	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
4,4'-DDT	<1.7		1.7	0.80	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Methoxychlor	<8.3		8.3	1.1	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Methoxychlor	<8.3		8.3	1.1	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Endrin ketone	<1.7		1.7	0.82	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Endrin ketone	<1.7		1.7	0.82	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Endrin aldehyde	<1.7		1.7	0.96	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Endrin aldehyde	<1.7		1.7	0.96	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
alpha-Chlordane	<1.7		1.7	0.90	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
alpha-Chlordane	<1.7		1.7	0.90	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
gamma-Chlordane	<1.7		1.7	0.97	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
gamma-Chlordane	<1.7		1.7	0.97	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Toxaphene	<17		17	6.7	ug/Kg		05/27/25 14:12	05/28/25 14:37	1
Toxaphene	<17		17	6.7	ug/Kg		05/27/25 14:12	05/28/25 14:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*112*		*33 - 148*	*05/27/25 14:12*	*05/28/25 14:37*	*1*
DCB Decachlorobiphenyl	*114*		*33 - 148*	*05/27/25 14:12*	*05/28/25 14:37*	*1*
Tetrachloro-m-xylene	*95*		*30 - 121*	*05/27/25 14:12*	*05/28/25 14:37*	*1*
Tetrachloro-m-xylene	*96*		*30 - 121*	*05/27/25 14:12*	*05/28/25 14:37*	*1*

Lab Sample ID: LCS 500-819138/2-A
Matrix: Solid
Analysis Batch: 819327

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819138

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
alpha-BHC	13.3	11.6		ug/Kg		87	50 - 123
alpha-BHC	13.3	11.7		ug/Kg		88	50 - 123
beta-BHC	13.3	12.7		ug/Kg		96	44 - 140
beta-BHC	13.3	12.3		ug/Kg		92	44 - 140
delta-BHC	13.3	11.6		ug/Kg		87	57 - 125
delta-BHC	13.3	11.8		ug/Kg		89	57 - 125
gamma-BHC (Lindane)	13.3	11.4		ug/Kg		85	50 - 122
gamma-BHC (Lindane)	13.3	11.3		ug/Kg		85	50 - 122
Heptachlor	13.3	10.8		ug/Kg		81	53 - 129
Heptachlor	13.3	11.0		ug/Kg		82	53 - 129
Aldrin	13.3	11.4		ug/Kg		85	52 - 122
Aldrin	13.3	11.4		ug/Kg		86	52 - 122
Heptachlor epoxide	13.3	11.2		ug/Kg		84	50 - 139
Heptachlor epoxide	13.3	11.4		ug/Kg		85	50 - 139
Endosulfan I	13.3	10.3		ug/Kg		77	30 - 120
Endosulfan I	13.3	10.6		ug/Kg		79	30 - 120
Dieldrin	13.3	11.5		ug/Kg		86	51 - 133
Dieldrin	13.3	12.0		ug/Kg		90	51 - 133

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 500-819138/2-A
Matrix: Solid
Analysis Batch: 819327

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819138

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDE	13.3	11.8		ug/Kg		89	50 - 130
4,4'-DDE	13.3	11.8		ug/Kg		89	50 - 130
Endrin	13.3	11.6		ug/Kg		87	43 - 144
Endrin	13.3	11.8		ug/Kg		88	43 - 144
Endosulfan II	13.3	10.8		ug/Kg		81	30 - 120
Endosulfan II	13.3	11.0		ug/Kg		82	30 - 120
4,4'-DDD	13.3	11.5		ug/Kg		87	47 - 137
4,4'-DDD	13.3	11.9		ug/Kg		89	47 - 137
Endosulfan sulfate	13.3	12.6		ug/Kg		94	42 - 150
Endosulfan sulfate	13.3	11.6		ug/Kg		87	42 - 150
4,4'-DDT	13.3	11.8		ug/Kg		88	46 - 143
4,4'-DDT	13.3	11.8		ug/Kg		88	46 - 143
Methoxychlor	13.3	12.3		ug/Kg		93	45 - 144
Methoxychlor	13.3	13.4		ug/Kg		100	45 - 144
Endrin ketone	13.3	12.5		ug/Kg		93	51 - 135
Endrin ketone	13.3	12.3		ug/Kg		92	51 - 135
Endrin aldehyde	13.3	9.17		ug/Kg		69	39 - 131
Endrin aldehyde	13.3	9.05		ug/Kg		68	39 - 131
alpha-Chlordane	13.3	11.3		ug/Kg		85	52 - 129
alpha-Chlordane	13.3	11.6		ug/Kg		87	52 - 129
gamma-Chlordane	13.3	11.1		ug/Kg		83	52 - 132
gamma-Chlordane	13.3	11.3		ug/Kg		85	52 - 132

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*96*		*33 - 148*
DCB Decachlorobiphenyl	*95*		*33 - 148*
Tetrachloro-m-xylene	*80*		*30 - 121*
Tetrachloro-m-xylene	*80*		*30 - 121*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 500-819138/1-A
Matrix: Solid
Analysis Batch: 819281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819138

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<0.017		0.017	0.0066	mg/Kg		05/27/25 14:12	05/28/25 18:44	1
PCB-1221	<0.017		0.017	0.0066	mg/Kg		05/27/25 14:12	05/28/25 18:44	1
PCB-1232	<0.017		0.017	0.0045	mg/Kg		05/27/25 14:12	05/28/25 18:44	1
PCB-1242	<0.017		0.017	0.0065	mg/Kg		05/27/25 14:12	05/28/25 18:44	1
PCB-1248	<0.017		0.017	0.0079	mg/Kg		05/27/25 14:12	05/28/25 18:44	1
PCB-1254	<0.017		0.017	0.0057	mg/Kg		05/27/25 14:12	05/28/25 18:44	1
PCB-1260	<0.017		0.017	0.0063	mg/Kg		05/27/25 14:12	05/28/25 18:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*49 - 129*	*05/27/25 14:12*	*05/28/25 18:44*	*1*
DCB Decachlorobiphenyl	*62*		*37 - 121*	*05/27/25 14:12*	*05/28/25 18:44*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 500-819138/3-A
Matrix: Solid
Analysis Batch: 819281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819138

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			0.167	0.153		mg/Kg		92	57 - 120		
PCB-1260			0.167	0.153		mg/Kg		92	61 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*81*		*49 - 129*
DCB Decachlorobiphenyl	*56*		*37 - 121*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 500-819445/1-A
Matrix: Solid
Analysis Batch: 819817

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<2.0		2.0	0.39	mg/Kg		05/29/25 08:59	05/30/25 11:08	1
Arsenic	<1.0		1.0	0.34	mg/Kg		05/29/25 08:59	05/30/25 11:08	1
Barium	<1.0		1.0	0.11	mg/Kg		05/29/25 08:59	05/30/25 11:08	1
Beryllium	<0.40		0.40	0.093	mg/Kg		05/29/25 08:59	05/30/25 11:08	1
Boron	<5.0		5.0	0.47	mg/Kg		05/29/25 08:59	05/30/25 11:08	1
Cadmium	<0.20		0.20	0.036	mg/Kg		05/29/25 08:59	05/30/25 11:08	1
Chromium	<1.0		1.0	0.50	mg/Kg		05/29/25 08:59	05/30/25 11:08	1
Cobalt	<0.50		0.50	0.13	mg/Kg		05/29/25 08:59	05/30/25 11:08	1
Copper	<1.0		1.0	0.28	mg/Kg		05/29/25 08:59	05/30/25 11:08	1
Iron	<20		20	10	mg/Kg		05/29/25 08:59	05/30/25 11:08	1
Lead	<0.50		0.50	0.23	mg/Kg		05/29/25 08:59	05/30/25 11:08	1
Magnesium	<10		10	5.0	mg/Kg		05/29/25 08:59	05/30/25 11:08	1
Manganese	0.200	J	1.0	0.15	mg/Kg		05/29/25 08:59	05/30/25 11:08	1
Nickel	<1.0		1.0	0.29	mg/Kg		05/29/25 08:59	05/30/25 11:08	1
Silver	<0.50		0.50	0.13	mg/Kg		05/29/25 08:59	05/30/25 11:08	1
Thallium	<1.0		1.0	0.50	mg/Kg		05/29/25 08:59	05/30/25 11:08	1
Vanadium	<0.50		0.50	0.12	mg/Kg		05/29/25 08:59	05/30/25 11:08	1
Selenium	<1.0		1.0	0.59	mg/Kg		05/29/25 08:59	05/30/25 11:08	1

Lab Sample ID: MB 500-819445/1-A
Matrix: Solid
Analysis Batch: 820025

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819445

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	<2.0		2.0	0.88	mg/Kg		05/29/25 08:59	06/02/25 14:53	1

Lab Sample ID: LCS 500-819445/2-A
Matrix: Solid
Analysis Batch: 819817

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819445

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Antimony			50.0	44.7		mg/Kg		89	80 - 120		
Arsenic			10.0	8.74		mg/Kg		87	80 - 120		
Barium			200	173		mg/Kg		86	80 - 120		
Beryllium			5.00	4.30		mg/Kg		86	80 - 120		

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 500-819445/2-A
Matrix: Solid
Analysis Batch: 819817

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	100	85.4		mg/Kg		85	80 - 120
Cadmium	5.00	4.17		mg/Kg		83	80 - 120
Chromium	20.0	16.8		mg/Kg		84	80 - 120
Cobalt	50.0	42.9		mg/Kg		86	80 - 120
Copper	25.0	21.8		mg/Kg		87	80 - 120
Iron	100	83.9		mg/Kg		84	80 - 120
Lead	10.0	8.81		mg/Kg		88	80 - 120
Magnesium	1000	907		mg/Kg		91	80 - 120
Manganese	50.0	43.0		mg/Kg		86	80 - 120
Nickel	50.0	41.3		mg/Kg		83	80 - 120
Silver	5.00	4.07		mg/Kg		81	80 - 120
Thallium	10.0	8.57		mg/Kg		86	80 - 120
Vanadium	50.0	43.9		mg/Kg		88	80 - 120
Selenium	10.0	8.15		mg/Kg		82	80 - 120

Lab Sample ID: LCS 500-819445/2-A
Matrix: Solid
Analysis Batch: 820025

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819445

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	50.0	42.2		mg/Kg		84	80 - 120

Lab Sample ID: LCS 500-819529/2-A
Matrix: Solid
Analysis Batch: 819818

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819529

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	1.00	1.02		mg/L		102	80 - 120
Manganese	0.500	0.505		mg/L		101	80 - 120
Silver	0.0500	0.0502		mg/L		100	80 - 120
Selenium	0.100	0.0891		mg/L		89	80 - 120

Lab Sample ID: LCS 500-819529/2-A
Matrix: Solid
Analysis Batch: 820025

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819529

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.200	0.196		mg/L		98	80 - 120

Lab Sample ID: MRL 500-819818/20
Matrix: Solid
Analysis Batch: 819818

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.0100	0.0107		mg/L		107	70 - 130

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LB 500-819298/1-B
Matrix: Solid
Analysis Batch: 819818

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 819529

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.20		0.20	0.082	mg/L		05/29/25 14:20	05/30/25 23:29	1
Manganese	<0.010		0.010	0.0023	mg/L		05/29/25 14:20	05/30/25 23:29	1
Silver	<0.0050		0.0050	0.0015	mg/L		05/29/25 14:20	05/30/25 23:29	1
Selenium	0.00531	J	0.010	0.0053	mg/L		05/29/25 14:20	05/30/25 23:29	1

Lab Sample ID: LB 500-819298/1-B
Matrix: Solid
Analysis Batch: 820025

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 819529

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.010		0.010	0.0017	mg/L		05/29/25 14:20	06/02/25 11:59	1

Lab Sample ID: LB 500-819283/1-B
Matrix: Solid
Analysis Batch: 819818

Client Sample ID: Method Blank
Prep Type: SPLP East
Prep Batch: 819529

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.010		0.010	0.0023	mg/L		05/29/25 14:20	05/30/25 22:27	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LCS 500-819529/2-A
Matrix: Solid
Analysis Batch: 820368

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819529

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Thallium			0.100	0.107		mg/L		107	80 - 120		

Lab Sample ID: LB 500-819298/1-B
Matrix: Solid
Analysis Batch: 820368

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 819529

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	<0.0020		0.0020	0.00057	mg/L		05/29/25 14:20	06/04/25 16:30	1

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 500-820391/12-A
Matrix: Solid
Analysis Batch: 820626

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 820391

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.017		0.017	0.0069	mg/Kg		06/05/25 15:20	06/06/25 10:40	1

Lab Sample ID: LCS 500-820391/13-A
Matrix: Solid
Analysis Batch: 820626

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 820391

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.167	0.161		mg/Kg		96	80 - 120		

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 500-819330/1-A
Matrix: Solid
Analysis Batch: 819387

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819330

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		05/28/25 14:47	05/28/25 17:26	1

Lab Sample ID: LCS 500-819330/2-A
Matrix: Solid
Analysis Batch: 819387

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819330

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.09		mg/Kg		87	85 - 115

Lab Sample ID: MB 500-819467/1-A
Matrix: Solid
Analysis Batch: 819538

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819467

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.24		0.24	0.12	mg/Kg		05/29/25 10:32	05/29/25 14:19	1

Lab Sample ID: LCS 500-819467/2-A
Matrix: Solid
Analysis Batch: 819538

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819467

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	2.40	2.40		mg/Kg		100	85 - 115

GC/MS VOA

Analysis Batch: 820175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	Total/NA	Solid	8260D	820220
500-268875-2	5-B27 (5-12)	Total/NA	Solid	8260D	820220
500-268875-3	5-B28 (1-5)	Total/NA	Solid	8260D	820220
500-268875-4	5-B28 (1-5)D	Total/NA	Solid	8260D	820220
500-268875-5	5-B28 (5-12)	Total/NA	Solid	8260D	820220
500-268875-6	5-B29 (1-5)	Total/NA	Solid	8260D	820220
500-268875-7	5-B29 (5-12)	Total/NA	Solid	8260D	820220
MB 500-820175/7	Method Blank	Total/NA	Solid	8260D	
LCS 500-820175/4	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 500-820175/5	Lab Control Sample Dup	Total/NA	Solid	8260D	

Prep Batch: 820220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	Total/NA	Solid	5035	
500-268875-2	5-B27 (5-12)	Total/NA	Solid	5035	
500-268875-3	5-B28 (1-5)	Total/NA	Solid	5035	
500-268875-4	5-B28 (1-5)D	Total/NA	Solid	5035	
500-268875-5	5-B28 (5-12)	Total/NA	Solid	5035	
500-268875-6	5-B29 (1-5)	Total/NA	Solid	5035	
500-268875-7	5-B29 (5-12)	Total/NA	Solid	5035	

GC/MS Semi VOA

Prep Batch: 819404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	Total/NA	Solid	3546	
500-268875-2	5-B27 (5-12)	Total/NA	Solid	3546	
500-268875-3	5-B28 (1-5)	Total/NA	Solid	3546	
500-268875-4	5-B28 (1-5)D	Total/NA	Solid	3546	
500-268875-5	5-B28 (5-12)	Total/NA	Solid	3546	
500-268875-6	5-B29 (1-5)	Total/NA	Solid	3546	
500-268875-7	5-B29 (5-12)	Total/NA	Solid	3546	
MB 500-819404/1-A	Method Blank	Total/NA	Solid	3546	
LCS 500-819404/2-A	Lab Control Sample	Total/NA	Solid	3546	
500-268875-1 MS	5-B27 (1-5)	Total/NA	Solid	3546	
500-268875-1 MSD	5-B27 (1-5)	Total/NA	Solid	3546	

Analysis Batch: 819413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-2	5-B27 (5-12)	Total/NA	Solid	8270E	819404
LCS 500-819404/2-A	Lab Control Sample	Total/NA	Solid	8270E	819404

Analysis Batch: 819417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-819404/1-A	Method Blank	Total/NA	Solid	8270E	819404

Analysis Batch: 819623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	Total/NA	Solid	8270E	819404
500-268875-3	5-B28 (1-5)	Total/NA	Solid	8270E	819404
500-268875-4	5-B28 (1-5)D	Total/NA	Solid	8270E	819404

GC/MS Semi VOA (Continued)

Analysis Batch: 819623 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-5	5-B28 (5-12)	Total/NA	Solid	8270E	819404
500-268875-6	5-B29 (1-5)	Total/NA	Solid	8270E	819404
500-268875-7	5-B29 (5-12)	Total/NA	Solid	8270E	819404
500-268875-1 MS	5-B27 (1-5)	Total/NA	Solid	8270E	819404
500-268875-1 MSD	5-B27 (1-5)	Total/NA	Solid	8270E	819404

GC Semi VOA

Prep Batch: 819138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	Total/NA	Solid	3541	
500-268875-3	5-B28 (1-5)	Total/NA	Solid	3541	
500-268875-4	5-B28 (1-5)D	Total/NA	Solid	3541	
500-268875-6	5-B29 (1-5)	Total/NA	Solid	3541	
MB 500-819138/1-A	Method Blank	Total/NA	Solid	3541	
LCS 500-819138/2-A	Lab Control Sample	Total/NA	Solid	3541	
LCS 500-819138/3-A	Lab Control Sample	Total/NA	Solid	3541	

Analysis Batch: 819281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	Total/NA	Solid	8082A	819138
500-268875-3	5-B28 (1-5)	Total/NA	Solid	8082A	819138
500-268875-4	5-B28 (1-5)D	Total/NA	Solid	8082A	819138
500-268875-6	5-B29 (1-5)	Total/NA	Solid	8082A	819138
MB 500-819138/1-A	Method Blank	Total/NA	Solid	8082A	819138
LCS 500-819138/3-A	Lab Control Sample	Total/NA	Solid	8082A	819138

Analysis Batch: 819327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-3	5-B28 (1-5)	Total/NA	Solid	8081B	819138
500-268875-4	5-B28 (1-5)D	Total/NA	Solid	8081B	819138
500-268875-6	5-B29 (1-5)	Total/NA	Solid	8081B	819138
MB 500-819138/1-A	Method Blank	Total/NA	Solid	8081B	819138
LCS 500-819138/2-A	Lab Control Sample	Total/NA	Solid	8081B	819138

Analysis Batch: 820816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	Total/NA	Solid	8081B	819138

Metals

Leach Batch: 819283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	SPLP East	Solid	1312	
500-268875-2	5-B27 (5-12)	SPLP East	Solid	1312	
500-268875-3	5-B28 (1-5)	SPLP East	Solid	1312	
500-268875-4	5-B28 (1-5)D	SPLP East	Solid	1312	
500-268875-5	5-B28 (5-12)	SPLP East	Solid	1312	
500-268875-6	5-B29 (1-5)	SPLP East	Solid	1312	
500-268875-7	5-B29 (5-12)	SPLP East	Solid	1312	
LB 500-819283/1-B	Method Blank	SPLP East	Solid	1312	

Metals

Leach Batch: 819298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	TCLP	Solid	1311	
500-268875-2	5-B27 (5-12)	TCLP	Solid	1311	
500-268875-3	5-B28 (1-5)	TCLP	Solid	1311	
500-268875-4	5-B28 (1-5)D	TCLP	Solid	1311	
500-268875-5	5-B28 (5-12)	TCLP	Solid	1311	
500-268875-6	5-B29 (1-5)	TCLP	Solid	1311	
500-268875-7	5-B29 (5-12)	TCLP	Solid	1311	
LB 500-819298/1-B	Method Blank	TCLP	Solid	1311	

Prep Batch: 819445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	Total/NA	Solid	3050B	
500-268875-2	5-B27 (5-12)	Total/NA	Solid	3050B	
500-268875-3	5-B28 (1-5)	Total/NA	Solid	3050B	
500-268875-4	5-B28 (1-5)D	Total/NA	Solid	3050B	
500-268875-5	5-B28 (5-12)	Total/NA	Solid	3050B	
500-268875-6	5-B29 (1-5)	Total/NA	Solid	3050B	
500-268875-7	5-B29 (5-12)	Total/NA	Solid	3050B	
MB 500-819445/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 500-819445/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 819529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	SPLP East	Solid	3010A	819283
500-268875-1	5-B27 (1-5)	TCLP	Solid	3010A	819298
500-268875-2	5-B27 (5-12)	SPLP East	Solid	3010A	819283
500-268875-2	5-B27 (5-12)	TCLP	Solid	3010A	819298
500-268875-3	5-B28 (1-5)	SPLP East	Solid	3010A	819283
500-268875-3	5-B28 (1-5)	TCLP	Solid	3010A	819298
500-268875-4	5-B28 (1-5)D	SPLP East	Solid	3010A	819283
500-268875-4	5-B28 (1-5)D	TCLP	Solid	3010A	819298
500-268875-5	5-B28 (5-12)	SPLP East	Solid	3010A	819283
500-268875-5	5-B28 (5-12)	TCLP	Solid	3010A	819298
500-268875-6	5-B29 (1-5)	SPLP East	Solid	3010A	819283
500-268875-6	5-B29 (1-5)	TCLP	Solid	3010A	819298
500-268875-7	5-B29 (5-12)	SPLP East	Solid	3010A	819283
500-268875-7	5-B29 (5-12)	TCLP	Solid	3010A	819298
LB 500-819283/1-B	Method Blank	SPLP East	Solid	3010A	819283
LB 500-819298/1-B	Method Blank	TCLP	Solid	3010A	819298
LCS 500-819529/2-A	Lab Control Sample	Total/NA	Solid	3010A	

Analysis Batch: 819817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	Total/NA	Solid	6010D	819445
500-268875-2	5-B27 (5-12)	Total/NA	Solid	6010D	819445
500-268875-3	5-B28 (1-5)	Total/NA	Solid	6010D	819445
500-268875-4	5-B28 (1-5)D	Total/NA	Solid	6010D	819445
500-268875-5	5-B28 (5-12)	Total/NA	Solid	6010D	819445
500-268875-6	5-B29 (1-5)	Total/NA	Solid	6010D	819445
500-268875-7	5-B29 (5-12)	Total/NA	Solid	6010D	819445
MB 500-819445/1-A	Method Blank	Total/NA	Solid	6010D	819445

Metals (Continued)

Analysis Batch: 819817 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 500-819445/2-A	Lab Control Sample	Total/NA	Solid	6010D	819445

Analysis Batch: 819818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	SPLP East	Solid	6010D	819529
500-268875-1	5-B27 (1-5)	TCLP	Solid	6010D	819529
500-268875-2	5-B27 (5-12)	SPLP East	Solid	6010D	819529
500-268875-2	5-B27 (5-12)	TCLP	Solid	6010D	819529
500-268875-3	5-B28 (1-5)	SPLP East	Solid	6010D	819529
500-268875-3	5-B28 (1-5)	TCLP	Solid	6010D	819529
500-268875-4	5-B28 (1-5)D	SPLP East	Solid	6010D	819529
500-268875-4	5-B28 (1-5)D	TCLP	Solid	6010D	819529
500-268875-5	5-B28 (5-12)	SPLP East	Solid	6010D	819529
500-268875-5	5-B28 (5-12)	TCLP	Solid	6010D	819529
500-268875-6	5-B29 (1-5)	SPLP East	Solid	6010D	819529
500-268875-6	5-B29 (1-5)	TCLP	Solid	6010D	819529
500-268875-7	5-B29 (5-12)	SPLP East	Solid	6010D	819529
500-268875-7	5-B29 (5-12)	TCLP	Solid	6010D	819529
LB 500-819283/1-B	Method Blank	SPLP East	Solid	6010D	819529
LB 500-819298/1-B	Method Blank	TCLP	Solid	6010D	819529
LCS 500-819529/2-A	Lab Control Sample	Total/NA	Solid	6010D	819529
MRL 500-819818/20	Lab Control Sample	Total/NA	Solid	6010D	

Analysis Batch: 820025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	Total/NA	Solid	6010D	819445
500-268875-2	5-B27 (5-12)	TCLP	Solid	6010D	819529
500-268875-2	5-B27 (5-12)	Total/NA	Solid	6010D	819445
500-268875-3	5-B28 (1-5)	TCLP	Solid	6010D	819529
500-268875-3	5-B28 (1-5)	Total/NA	Solid	6010D	819445
500-268875-4	5-B28 (1-5)D	TCLP	Solid	6010D	819529
500-268875-4	5-B28 (1-5)D	Total/NA	Solid	6010D	819445
500-268875-5	5-B28 (5-12)	TCLP	Solid	6010D	819529
500-268875-5	5-B28 (5-12)	Total/NA	Solid	6010D	819445
500-268875-6	5-B29 (1-5)	TCLP	Solid	6010D	819529
500-268875-6	5-B29 (1-5)	Total/NA	Solid	6010D	819445
500-268875-7	5-B29 (5-12)	Total/NA	Solid	6010D	819445
LB 500-819298/1-B	Method Blank	TCLP	Solid	6010D	819529
MB 500-819445/1-A	Method Blank	Total/NA	Solid	6010D	819445
LCS 500-819445/2-A	Lab Control Sample	Total/NA	Solid	6010D	819445
LCS 500-819529/2-A	Lab Control Sample	Total/NA	Solid	6010D	819529

Analysis Batch: 820368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-2	5-B27 (5-12)	TCLP	Solid	6020B	819529
500-268875-4	5-B28 (1-5)D	TCLP	Solid	6020B	819529
500-268875-5	5-B28 (5-12)	TCLP	Solid	6020B	819529
500-268875-6	5-B29 (1-5)	TCLP	Solid	6020B	819529
LB 500-819298/1-B	Method Blank	TCLP	Solid	6020B	819529
LCS 500-819529/2-A	Lab Control Sample	Total/NA	Solid	6020B	819529

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 500-268875-1
Project/Site: Bend Boulevard, East Moline, IL

Metals

Prep Batch: 820391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	Total/NA	Solid	7471B	
500-268875-2	5-B27 (5-12)	Total/NA	Solid	7471B	
500-268875-3	5-B28 (1-5)	Total/NA	Solid	7471B	
500-268875-4	5-B28 (1-5)D	Total/NA	Solid	7471B	
500-268875-5	5-B28 (5-12)	Total/NA	Solid	7471B	
500-268875-6	5-B29 (1-5)	Total/NA	Solid	7471B	
500-268875-7	5-B29 (5-12)	Total/NA	Solid	7471B	
MB 500-820391/12-A	Method Blank	Total/NA	Solid	7471B	
LCS 500-820391/13-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 820626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	Total/NA	Solid	7471B	820391
500-268875-2	5-B27 (5-12)	Total/NA	Solid	7471B	820391
500-268875-3	5-B28 (1-5)	Total/NA	Solid	7471B	820391
500-268875-4	5-B28 (1-5)D	Total/NA	Solid	7471B	820391
500-268875-5	5-B28 (5-12)	Total/NA	Solid	7471B	820391
500-268875-6	5-B29 (1-5)	Total/NA	Solid	7471B	820391
500-268875-7	5-B29 (5-12)	Total/NA	Solid	7471B	820391
MB 500-820391/12-A	Method Blank	Total/NA	Solid	7471B	820391
LCS 500-820391/13-A	Lab Control Sample	Total/NA	Solid	7471B	820391

General Chemistry

Analysis Batch: 819082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	Total/NA	Solid	Moisture	
500-268875-2	5-B27 (5-12)	Total/NA	Solid	Moisture	
500-268875-3	5-B28 (1-5)	Total/NA	Solid	Moisture	
500-268875-4	5-B28 (1-5)D	Total/NA	Solid	Moisture	
500-268875-5	5-B28 (5-12)	Total/NA	Solid	Moisture	
500-268875-6	5-B29 (1-5)	Total/NA	Solid	Moisture	
500-268875-7	5-B29 (5-12)	Total/NA	Solid	Moisture	

Analysis Batch: 819195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	Total/NA	Solid	9045D	
500-268875-2	5-B27 (5-12)	Total/NA	Solid	9045D	
500-268875-3	5-B28 (1-5)	Total/NA	Solid	9045D	
500-268875-4	5-B28 (1-5)D	Total/NA	Solid	9045D	
500-268875-5	5-B28 (5-12)	Total/NA	Solid	9045D	
500-268875-6	5-B29 (1-5)	Total/NA	Solid	9045D	
500-268875-7	5-B29 (5-12)	Total/NA	Solid	9045D	
LCS 500-819195/2	Lab Control Sample	Total/NA	Solid	9045D	
LCSD 500-819195/3	Lab Control Sample Dup	Total/NA	Solid	9045D	

Prep Batch: 819330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	Total/NA	Solid	9010C	
500-268875-2	5-B27 (5-12)	Total/NA	Solid	9010C	
500-268875-3	5-B28 (1-5)	Total/NA	Solid	9010C	

General Chemistry (Continued)

Prep Batch: 819330 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-4	5-B28 (1-5)D	Total/NA	Solid	9010C	
500-268875-5	5-B28 (5-12)	Total/NA	Solid	9010C	
MB 500-819330/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-819330/2-A	Lab Control Sample	Total/NA	Solid	9010C	

Analysis Batch: 819387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-1	5-B27 (1-5)	Total/NA	Solid	9012B	819330
500-268875-2	5-B27 (5-12)	Total/NA	Solid	9012B	819330
500-268875-3	5-B28 (1-5)	Total/NA	Solid	9012B	819330
500-268875-4	5-B28 (1-5)D	Total/NA	Solid	9012B	819330
500-268875-5	5-B28 (5-12)	Total/NA	Solid	9012B	819330
MB 500-819330/1-A	Method Blank	Total/NA	Solid	9012B	819330
LCS 500-819330/2-A	Lab Control Sample	Total/NA	Solid	9012B	819330

Prep Batch: 819467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-6	5-B29 (1-5)	Total/NA	Solid	9010C	
500-268875-7	5-B29 (5-12)	Total/NA	Solid	9010C	
MB 500-819467/1-A	Method Blank	Total/NA	Solid	9010C	
LCS 500-819467/2-A	Lab Control Sample	Total/NA	Solid	9010C	

Analysis Batch: 819538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-268875-6	5-B29 (1-5)	Total/NA	Solid	9012B	819467
500-268875-7	5-B29 (5-12)	Total/NA	Solid	9012B	819467
MB 500-819467/1-A	Method Blank	Total/NA	Solid	9012B	819467
LCS 500-819467/2-A	Lab Control Sample	Total/NA	Solid	9012B	819467

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B27 (1-5)
Date Collected: 05/23/25 11:25
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819283	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
SPLP East	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 22:36
TCLP	Leach	1311			819298	PA	EET CHI	05/28/25 16:51 - 05/29/25 10:51 [1]
TCLP	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
TCLP	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 23:34
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 15:33
Total/NA	Analysis	Moisture		1	819082	RB	EET CHI	05/27/25 11:14

Client Sample ID: 5-B27 (1-5)
Date Collected: 05/23/25 11:25
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-1
Matrix: Solid
Percent Solids: 89.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			820220	OP	EET CHI	05/24/25 09:17
Total/NA	Analysis	8260D		1	820175	MM	EET CHI	06/04/25 16:20
Total/NA	Prep	3546			819404	SC	EET CHI	05/29/25 07:33
Total/NA	Analysis	8270E		2	819623	WS	EET CHI	05/30/25 22:43
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8081B		1	820816	BC	EET CHI	06/09/25 13:06
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8082A		1	819281	MS	EET CHI	05/28/25 22:58
Total/NA	Prep	3050B			819445	BDE	EET CHI	05/29/25 08:59 - 05/29/25 14:59 [1]
Total/NA	Analysis	6010D		1	819817	SJ	EET CHI	05/30/25 17:16
Total/NA	Prep	3050B			819445	BDE	EET CHI	05/29/25 08:59 - 05/29/25 14:59 [1]
Total/NA	Analysis	6010D		5	820025	SJ	EET CHI	06/02/25 15:24
Total/NA	Prep	7471B			820391	MJG	EET CHI	06/05/25 15:20
Total/NA	Analysis	7471B		5	820626	MJG	EET CHI	06/06/25 12:03
Total/NA	Prep	9010C			819330	AC	EET CHI	05/28/25 14:47 - 05/28/25 15:17 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:45

Client Sample ID: 5-B27 (5-12)
Date Collected: 05/23/25 11:30
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819283	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
SPLP East	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 22:54
TCLP	Leach	1311			819298	PA	EET CHI	05/28/25 16:51 - 05/29/25 10:51 [1]
TCLP	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
TCLP	Analysis	6010D		1	820025	SJ	EET CHI	06/02/25 19:12
TCLP	Leach	1311			819298	PA	EET CHI	05/28/25 16:51 - 05/29/25 10:51 [1]
TCLP	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
TCLP	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 23:38

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B27 (5-12)
Date Collected: 05/23/25 11:30
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
TCLP	Leach	1311			819298	PA	EET CHI	05/28/25 16:51 - 05/29/25 10:51 [1]
TCLP	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
TCLP	Analysis	6020B		1	820368	RN	EET CHI	06/04/25 16:35
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 15:36
Total/NA	Analysis	Moisture		1	819082	RB	EET CHI	05/27/25 11:14

Client Sample ID: 5-B27 (5-12)
Date Collected: 05/23/25 11:30
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-2
Matrix: Solid
Percent Solids: 67.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			820220	OP	EET CHI	05/24/25 09:17
Total/NA	Analysis	8260D		1	820175	MM	EET CHI	06/04/25 16:46
Total/NA	Prep	3546			819404	SC	EET CHI	05/29/25 07:33
Total/NA	Analysis	8270E		1	819413	W1T	EET CHI	05/29/25 16:35
Total/NA	Prep	3050B			819445	BDE	EET CHI	05/29/25 08:59 - 05/29/25 14:59 [1]
Total/NA	Analysis	6010D		1	819817	SJ	EET CHI	05/30/25 17:21
Total/NA	Prep	3050B			819445	BDE	EET CHI	05/29/25 08:59 - 05/29/25 14:59 [1]
Total/NA	Analysis	6010D		1	820025	SJ	EET CHI	06/02/25 15:28
Total/NA	Prep	7471B			820391	MJG	EET CHI	06/05/25 15:20
Total/NA	Analysis	7471B		1	820626	MJG	EET CHI	06/06/25 11:30
Total/NA	Prep	9010C			819330	AC	EET CHI	05/28/25 14:47 - 05/28/25 15:17 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:46

Client Sample ID: 5-B28 (1-5)
Date Collected: 05/23/25 11:55
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819283	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
SPLP East	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 23:07
TCLP	Leach	1311			819298	PA	EET CHI	05/28/25 16:51 - 05/29/25 10:51 [1]
TCLP	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
TCLP	Analysis	6010D		1	820025	SJ	EET CHI	06/02/25 19:25
TCLP	Leach	1311			819298	PA	EET CHI	05/28/25 16:51 - 05/29/25 10:51 [1]
TCLP	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
TCLP	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 23:43
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 15:38
Total/NA	Analysis	Moisture		1	819082	RB	EET CHI	05/27/25 11:14

Client Sample ID: 5-B28 (1-5)
Date Collected: 05/23/25 11:55
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-3
Matrix: Solid
Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			820220	OP	EET CHI	05/24/25 09:17
Total/NA	Analysis	8260D		1	820175	MM	EET CHI	06/04/25 17:12
Total/NA	Prep	3546			819404	SC	EET CHI	05/29/25 07:33
Total/NA	Analysis	8270E		1	819623	WS	EET CHI	05/30/25 17:09
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8081B		1	819327	H7CM	EET CHI	05/28/25 18:11
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8082A		1	819281	MS	EET CHI	05/28/25 23:13
Total/NA	Prep	3050B			819445	BDE	EET CHI	05/29/25 08:59 - 05/29/25 14:59 [1]
Total/NA	Analysis	6010D		1	819817	SJ	EET CHI	05/30/25 17:25
Total/NA	Prep	3050B			819445	BDE	EET CHI	05/29/25 08:59 - 05/29/25 14:59 [1]
Total/NA	Analysis	6010D		5	820025	SJ	EET CHI	06/02/25 15:32
Total/NA	Prep	7471B			820391	MJG	EET CHI	06/05/25 15:20
Total/NA	Analysis	7471B		1	820626	MJG	EET CHI	06/06/25 11:32
Total/NA	Prep	9010C			819330	AC	EET CHI	05/28/25 14:47 - 05/28/25 15:17 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:47

Client Sample ID: 5-B28 (1-5)D
Date Collected: 05/23/25 12:00
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819283	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
SPLP East	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 23:11
TCLP	Leach	1311			819298	PA	EET CHI	05/28/25 16:51 - 05/29/25 10:51 [1]
TCLP	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
TCLP	Analysis	6010D		1	820025	SJ	EET CHI	06/02/25 19:30
TCLP	Leach	1311			819298	PA	EET CHI	05/28/25 16:51 - 05/29/25 10:51 [1]
TCLP	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
TCLP	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 23:48
TCLP	Leach	1311			819298	PA	EET CHI	05/28/25 16:51 - 05/29/25 10:51 [1]
TCLP	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
TCLP	Analysis	6020B		1	820368	RN	EET CHI	06/04/25 16:37
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 15:41
Total/NA	Analysis	Moisture		1	819082	RB	EET CHI	05/27/25 11:14

Client Sample ID: 5-B28 (1-5)D
Date Collected: 05/23/25 12:00
Date Received: 05/23/25 16:20

Lab Sample ID: 500-268875-4
Matrix: Solid
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			820220	OP	EET CHI	05/24/25 09:17
Total/NA	Analysis	8260D		1	820175	MM	EET CHI	06/04/25 17:38

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B28 (1-5)D

Lab Sample ID: 500-268875-4

Date Collected: 05/23/25 12:00
Date Received: 05/23/25 16:20

Matrix: Solid
Percent Solids: 88.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			819404	SC	EET CHI	05/29/25 07:33
Total/NA	Analysis	8270E		1	819623	WS	EET CHI	05/30/25 17:33
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8081B		1	819327	H7CM	EET CHI	05/28/25 18:23
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8082A		1	819281	MS	EET CHI	05/28/25 23:28
Total/NA	Prep	3050B			819445	BDE	EET CHI	05/29/25 08:59 - 05/29/25 14:59 [1]
Total/NA	Analysis	6010D		1	819817	SJ	EET CHI	05/30/25 17:29
Total/NA	Prep	3050B			819445	BDE	EET CHI	05/29/25 08:59 - 05/29/25 14:59 [1]
Total/NA	Analysis	6010D		5	820025	SJ	EET CHI	06/02/25 15:45
Total/NA	Prep	7471B			820391	MJG	EET CHI	06/05/25 15:20
Total/NA	Analysis	7471B		1	820626	MJG	EET CHI	06/06/25 11:34
Total/NA	Prep	9010C			819330	AC	EET CHI	05/28/25 14:47 - 05/28/25 15:17 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:50

Client Sample ID: 5-B28 (5-12)

Lab Sample ID: 500-268875-5

Date Collected: 05/23/25 12:05
Date Received: 05/23/25 16:20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819283	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
SPLP East	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 23:15
TCLP	Leach	1311			819298	PA	EET CHI	05/28/25 16:51 - 05/29/25 10:51 [1]
TCLP	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
TCLP	Analysis	6010D		1	820025	SJ	EET CHI	06/02/25 19:34
TCLP	Leach	1311			819298	PA	EET CHI	05/28/25 16:51 - 05/29/25 10:51 [1]
TCLP	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
TCLP	Analysis	6010D		1	819818	SJ	EET CHI	05/31/25 00:01
TCLP	Leach	1311			819298	PA	EET CHI	05/28/25 16:51 - 05/29/25 10:51 [1]
TCLP	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
TCLP	Analysis	6020B		1	820368	RN	EET CHI	06/04/25 16:40
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 15:43
Total/NA	Analysis	Moisture		1	819082	RB	EET CHI	05/27/25 11:14

Client Sample ID: 5-B28 (5-12)

Lab Sample ID: 500-268875-5

Date Collected: 05/23/25 12:05
Date Received: 05/23/25 16:20

Matrix: Solid
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			820220	OP	EET CHI	05/24/25 09:17
Total/NA	Analysis	8260D		1	820175	MM	EET CHI	06/04/25 18:03
Total/NA	Prep	3546			819404	SC	EET CHI	05/29/25 07:33
Total/NA	Analysis	8270E		1	819623	WS	EET CHI	05/30/25 17:57

Client Sample ID: 5-B28 (5-12)

Lab Sample ID: 500-268875-5
Date Collected: 05/23/25 12:05
Matrix: Solid
Date Received: 05/23/25 16:20
Percent Solids: 85.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			819445	BDE	EET CHI	05/29/25 08:59 - 05/29/25 14:59 [1]
Total/NA	Analysis	6010D		1	819817	SJ	EET CHI	05/30/25 17:34
Total/NA	Prep	3050B			819445	BDE	EET CHI	05/29/25 08:59 - 05/29/25 14:59 [1]
Total/NA	Analysis	6010D		5	820025	SJ	EET CHI	06/02/25 15:50
Total/NA	Prep	7471B			820391	MJG	EET CHI	06/05/25 15:20
Total/NA	Analysis	7471B		1	820626	MJG	EET CHI	06/06/25 11:36
Total/NA	Prep	9010C			819330	AC	EET CHI	05/28/25 14:47 - 05/28/25 15:17 [1]
Total/NA	Analysis	9012B		1	819387	AC	EET CHI	05/28/25 17:50

Client Sample ID: 5-B29 (1-5)

Lab Sample ID: 500-268875-6
Date Collected: 05/23/25 12:40
Matrix: Solid
Date Received: 05/23/25 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819283	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
SPLP East	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 23:20
TCLP	Leach	1311			819298	PA	EET CHI	05/28/25 16:51 - 05/29/25 10:51 [1]
TCLP	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
TCLP	Analysis	6010D		1	820025	SJ	EET CHI	06/02/25 19:39
TCLP	Leach	1311			819298	PA	EET CHI	05/28/25 16:51 - 05/29/25 10:51 [1]
TCLP	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
TCLP	Analysis	6010D		1	819818	SJ	EET CHI	05/31/25 00:06
TCLP	Leach	1311			819298	PA	EET CHI	05/28/25 16:51 - 05/29/25 10:51 [1]
TCLP	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
TCLP	Analysis	6020B		1	820368	RN	EET CHI	06/04/25 16:42
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 15:45
Total/NA	Analysis	Moisture		1	819082	RB	EET CHI	05/27/25 11:14

Client Sample ID: 5-B29 (1-5)

Lab Sample ID: 500-268875-6
Date Collected: 05/23/25 12:40
Matrix: Solid
Date Received: 05/23/25 16:20
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			820220	OP	EET CHI	05/24/25 09:17
Total/NA	Analysis	8260D		1	820175	MM	EET CHI	06/04/25 18:29
Total/NA	Prep	3546			819404	SC	EET CHI	05/29/25 07:33
Total/NA	Analysis	8270E		1	819623	WS	EET CHI	05/30/25 18:20
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8081B		1	819327	H7CM	EET CHI	05/28/25 18:35
Total/NA	Prep	3541			819138	SV	EET CHI	05/27/25 14:12 - 05/27/25 19:30 [1]
Total/NA	Analysis	8082A		1	819281	MS	EET CHI	05/28/25 23:43
Total/NA	Prep	3050B			819445	BDE	EET CHI	05/29/25 08:59 - 05/29/25 14:59 [1]
Total/NA	Analysis	6010D		1	819817	SJ	EET CHI	05/30/25 17:47

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Client Sample ID: 5-B29 (1-5)

Lab Sample ID: 500-268875-6
Date Collected: 05/23/25 12:40
Matrix: Solid
Date Received: 05/23/25 16:20
Percent Solids: 86.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			819445	BDE	EET CHI	05/29/25 08:59 - 05/29/25 14:59 [1]
Total/NA	Analysis	6010D		5	820025	SJ	EET CHI	06/02/25 15:54
Total/NA	Prep	7471B			820391	MJG	EET CHI	06/05/25 15:20
Total/NA	Analysis	7471B		1	820626	MJG	EET CHI	06/06/25 11:37
Total/NA	Prep	9010C			819467	AC	EET CHI	05/29/25 10:32 - 05/29/25 11:02 [1]
Total/NA	Analysis	9012B		1	819538	AC	EET CHI	05/29/25 14:07

Client Sample ID: 5-B29 (5-12)

Lab Sample ID: 500-268875-7
Date Collected: 05/23/25 12:45
Matrix: Solid
Date Received: 05/23/25 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
SPLP East	Leach	1312			819283	PA	EET CHI	05/28/25 13:48 - 05/29/25 07:48 [1]
SPLP East	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
SPLP East	Analysis	6010D		1	819818	SJ	EET CHI	05/30/25 23:24
TCLP	Leach	1311			819298	PA	EET CHI	05/28/25 16:51 - 05/29/25 10:51 [1]
TCLP	Prep	3010A			819529	MS	EET CHI	05/29/25 14:20 - 05/29/25 20:20 [1]
TCLP	Analysis	6010D		1	819818	SJ	EET CHI	05/31/25 00:10
Total/NA	Analysis	9045D		1	819195	RB	EET CHI	05/27/25 15:48
Total/NA	Analysis	Moisture		1	819082	RB	EET CHI	05/27/25 11:14

Client Sample ID: 5-B29 (5-12)

Lab Sample ID: 500-268875-7
Date Collected: 05/23/25 12:45
Matrix: Solid
Date Received: 05/23/25 16:20
Percent Solids: 73.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			820220	OP	EET CHI	05/24/25 09:17
Total/NA	Analysis	8260D		1	820175	MM	EET CHI	06/04/25 18:54
Total/NA	Prep	3546			819404	SC	EET CHI	05/29/25 07:33
Total/NA	Analysis	8270E		2	819623	WS	EET CHI	05/30/25 22:19
Total/NA	Prep	3050B			819445	BDE	EET CHI	05/29/25 08:59 - 05/29/25 14:59 [1]
Total/NA	Analysis	6010D		1	819817	SJ	EET CHI	05/30/25 17:51
Total/NA	Prep	3050B			819445	BDE	EET CHI	05/29/25 08:59 - 05/29/25 14:59 [1]
Total/NA	Analysis	6010D		1	820025	SJ	EET CHI	06/02/25 15:58
Total/NA	Prep	7471B			820391	MJG	EET CHI	06/05/25 15:20
Total/NA	Analysis	7471B		1	820626	MJG	EET CHI	06/06/25 11:39
Total/NA	Prep	9010C			819467	AC	EET CHI	05/29/25 10:32 - 05/29/25 11:02 [1]
Total/NA	Analysis	9012B		1	819538	AC	EET CHI	05/29/25 14:08

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 500-268875-1
Project/Site: Bend Boulevard, East Moline, IL

Laboratory: Eurofins Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D	5035	Solid	1,3-Dichloropropene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CHI
8081B	Organochlorine Pesticides (GC)	SW846	EET CHI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CHI
6010D	Metals (ICP)	SW846	EET CHI
6020B	Metals (ICP/MS)	SW846	EET CHI
7471B	Mercury (CVAA)	SW846	EET CHI
9012B	Cyanide, Total andor Amenable	SW846	EET CHI
9045D	pH	SW846	EET CHI
Moisture	Percent Moisture	EPA	EET CHI
1311	TCLP Extraction	SW846	EET CHI
1312	SPLP Extraction	SW846	EET CHI
3010A	Preparation, Total Metals	SW846	EET CHI
3050B	Preparation, Metals	SW846	EET CHI
3541	Automated Soxhlet Extraction	SW846	EET CHI
3546	Microwave Extraction	SW846	EET CHI
5035	Closed System Purge and Trap	SW846	EET CHI
7471B	Preparation, Mercury	SW846	EET CHI
9010C	Cyanide, Distillation	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-268875-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-268875-1	5-B27 (1-5)	Solid	05/23/25 11:25	05/23/25 16:20
500-268875-2	5-B27 (5-12)	Solid	05/23/25 11:30	05/23/25 16:20
500-268875-3	5-B28 (1-5)	Solid	05/23/25 11:55	05/23/25 16:20
500-268875-4	5-B28 (1-5)D	Solid	05/23/25 12:00	05/23/25 16:20
500-268875-5	5-B28 (5-12)	Solid	05/23/25 12:05	05/23/25 16:20
500-268875-6	5-B29 (1-5)	Solid	05/23/25 12:40	05/23/25 16:20
500-268875-7	5-B29 (5-12)	Solid	05/23/25 12:45	05/23/25 16:20

Tinley Park, IL 60487
Phone 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

Environment Testing

Client Information	Sampler: D. Goff	Lab PM: Knapp, Jim D	Carrier Tracking No(s):	COC No: 500-138872-52720.5
Client Contact: Dominick Gagliano	Phone:	E-Mail: Jim Knapp@et eurofinsus com	State of Origin: IL	Page: Page 5 of 5 1 OF 1
Company: Terracon Consulting Eng & Scientists	PWSID:	Analysis Requested		Job #: 500-268975
Address: 192 Exchange Blvd	Due Date Requested: STANDARD TURN			Preservation Codes: PL MeOH/NaHS04; N None; A HCL; D - HNO3; B NaOH
City: Glendale Heights	TAT Requested (days): STANDARD TURN			
State, Zip: IL, 60139	Compliance Project: Δ Yes Δ No			
Phone: 630-445-0203(Tel)	PO #: 11247243B			
Email: Dominick.Gagliano@terracon com	WO #:			500-268875 COC
Project Name: Bend Boulevard, East Moline, IL	Project #: 50024921			Other:
Site: 11247243B	SSOW#:			

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	VOCs	SVOCs	TAL metals	Cyan dc	DRO	Pesticides/PCB's	TCLP Mercury/HEM	8260 Multi-Vol * (4 vials)	SPLP metals * (4 vials)	TCLP metals * (4 vials)	Total Number of containers	Special Instructions/Note:
				Preservation Code:															
1	S-B27 (15)	5/23/25	1115	G	Solid			X	X	X	X	X	X	X	X	X	X		* Note PLEASE
2	S B27 (5-12)	5/23/25	1130	G	Solid			X	X	X	X	X		X	X	X	X		Hold SPLP Metals
3	S B28 (1-5)	5/23/25	1155	G	Solid			X	X	X	X	X	X	X	X	X	X		and TCLP metals
4	S B28 (1-5) D	5/23/25	1200	G	Solid			X	X	X	X	X	X	X	X	X	X		
5	S B28 (5-12)	5/23/25	1205	G	Solid			X	X	X	X	X		X	X	X	X		
6	S B29 (1-5)	5/23/25	1240	G	Solid			X	X	X	X	X	X	X	X	X	X		* Run TCLP
7	S B29 (5-12)	5/23/25	1245	G	Solid			X	X	X	X	X		X	X	X	X		FE for MW only,
					Solid														Hold Add. Fraction
					Solid														TCLP
					Solid														
					Solid														

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		5-23-25 1620	TRACC	Angel Knop	05/23/25 1620	EETA
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks	4.1-3.7 Wet

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 500-268875-1

Login Number: 268875
List Number: 1
Creator: Hernandez, Stephanie

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.7
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jackie Setterdahl
Terracon Consulting Eng & Scientists
192 Exchange Blvd
Glendale Heights, Illinois 60139

Generated 6/9/2025 3:10:06 PM

JOB DESCRIPTION

Bend Boulevard, East Moline, IL

JOB NUMBER

500-269008-1

Eurofins Chicago
18410 Crossing Drive
Suite E
Tinley Park IL 60487

See page two for job notes and contact information.

my EOL

Eurofins Chicago

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Chicago Project Manager.

Authorization

Generated
6/9/2025 3:10:06 PM

Authorized for release by
Jim Knapp, Senior Project Manager
Jim.Knapp@et.eurofinsus.com
(630)758-0262

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Definitions/Glossary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-269008-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
500-269008-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 5/28/2025 4:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.8°C.

Receipt Exceptions
GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) analyzed in 500-820266 was outside the method criteria for the following analyte(s): 2-Hexanone, Acetone, Bromomethane, Chloromethane, Methyl Ethyl Ketone and methyl isobutyl ketone. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The following analyte(s) recovered outside control limits for the LCS/LCSD/MS/MSD associated with analytical batch 500-820266: Bromomethane. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260D: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 500-820266 recovered outside control limits for the following analytes: Bromomethane. (LCSD 500-820266/5)

Method 8260D: The following sample(s) was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: TMW-5-B15 (500-269008-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) analyzed in batch 500-819621 was outside the method criteria for the following analyte(s): Pentachlorophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-819621 was outside the method criteria for the following analyte(s): 2-Fluorophenol (Surr), 2-Methylnaphthalene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Bis(2-ethylhexyl) phthalate, Nitrobenzene, N-Nitrosodi-n-propylamine and Phenol-d5 (Surr). As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The continuing calibration verification (CCV) analyzed in 500-820020 was outside the method criteria for the following analyte(s): 4-Nitrophenol and Di-n-octyl phthalate. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 500-819978 and analytical batch 500-820020 recovered outside control limits for the following analytes: 2,4-Dimethylphenol and 3,3'-Dichlorobenzidine.

Method 8270E: The method blank for preparation batch 500-819522 and analytical batch 500-819838 contained Anthracene, Benzo[g,h,i]perylene, Carbazole, Fluoranthene, Fluorene, Hexachlorobenzene, Phenanthrene and Pyrene above the method

Job ID: 500-269008-1 (Continued) Eurofins Chicago

detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8270E: The method blank for preparation batch 500-819522 contained Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[k]fluoranthene, Chrysene, Dibenz(a,h)anthracene and Indeno[1,2,3-cd]pyrene above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020B - Total Recoverable: The following sample was diluted to bring the concentration of target analytes within the calibration range: TMW-5-B08 (500-269008-4). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-269008-1

Client Sample ID: TMW-5-B08 — Lab Sample ID: 500-269008-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.0013	J	0.0030	0.0013	mg/L	1		6020B	Dissolved
Arsenic	0.013		0.0010	0.00023	mg/L	1		6020B	Dissolved
Barium	0.064		0.0025	0.00073	mg/L	1		6020B	Dissolved
Chromium	0.0062		0.0050	0.0011	mg/L	1		6020B	Dissolved
Copper	0.00060	J	0.0020	0.00050	mg/L	1		6020B	Dissolved
Magnesium	5.5		0.20	0.049	mg/L	1		6020B	Dissolved
Manganese	0.028		0.0025	0.00079	mg/L	1		6020B	Dissolved
Nickel	0.0049		0.0020	0.00063	mg/L	1		6020B	Dissolved
Selenium	0.0012	J	0.0025	0.00098	mg/L	1		6020B	Dissolved
Vanadium	0.0076		0.0050	0.0022	mg/L	1		6020B	Dissolved

Client Sample ID: TMW-5-B22 — Lab Sample ID: 500-269008-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.0029		0.0010	0.00023	mg/L	1		6020B	Dissolved
Barium	0.17		0.0025	0.00073	mg/L	1		6020B	Dissolved
Cobalt	0.0024		0.0010	0.00040	mg/L	1		6020B	Dissolved
Copper	0.00060	J	0.0020	0.00050	mg/L	1		6020B	Dissolved
Iron	5.7		0.10	0.047	mg/L	1		6020B	Dissolved
Lead	0.00020	J	0.00050	0.00019	mg/L	1		6020B	Dissolved
Magnesium	33		0.20	0.049	mg/L	1		6020B	Dissolved
Manganese	1.1		0.0025	0.00079	mg/L	1		6020B	Dissolved
Nickel	0.0057		0.0020	0.00063	mg/L	1		6020B	Dissolved
Selenium	0.0010	J	0.0025	0.00098	mg/L	1		6020B	Dissolved

Client Sample ID: TB-1 — Lab Sample ID: 500-269008-3

No Detections.

Client Sample ID: TMW-5-B08 — Lab Sample ID: 500-269008-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0072	J	0.010	0.0043	mg/L	1		8260D	Total/NA
Acenaphthene	0.00032	J	0.00096	0.00030	mg/L	1		8270E	Total/NA
Benzo[a]anthracene	0.00050		0.00016	0.000054	mg/L	1		8270E	Total/NA
Benzo[a]pyrene	0.00090		0.00019	0.000095	mg/L	1		8270E	Total/NA
Benzo[b]fluoranthene	0.0012		0.00019	0.000077	mg/L	1		8270E	Total/NA
Benzo[g,h,i]perylene	0.00083	J	0.00096	0.00036	mg/L	1		8270E	Total/NA
Benzo[k]fluoranthene	0.00039		0.00019	0.000061	mg/L	1		8270E	Total/NA
Chrysene	0.00061		0.00019	0.000065	mg/L	1		8270E	Total/NA
Dibenz(a,h)anthracene	0.00018	J	0.00029	0.000049	mg/L	1		8270E	Total/NA
Fluoranthene	0.00099		0.00096	0.00044	mg/L	1		8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.00074		0.00019	0.000072	mg/L	1		8270E	Total/NA
Phenanthrene	0.00059	J	0.00096	0.00029	mg/L	1		8270E	Total/NA
Pyrene	0.00083	J	0.00096	0.00041	mg/L	1		8270E	Total/NA
Antimony	0.0015	J	0.0030	0.0013	mg/L	1		6020B	Total Recoverable
Arsenic	0.10		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	3.3		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Beryllium	0.0090		0.0010	0.00053	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: TMW-5-B08 (Continued)

Lab Sample ID: 500-269008-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cadmium	0.021		0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Chromium	0.87		0.0050	0.0011	mg/L	1		6020B	Total Recoverable
Cobalt	0.14		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Copper	1.1		0.0020	0.00050	mg/L	1		6020B	Total Recoverable
Iron	450		1.5	0.70	mg/L	15		6020B	Total Recoverable
Lead	1.5		0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	170		0.20	0.049	mg/L	1		6020B	Total Recoverable
Manganese	14		0.038	0.012	mg/L	15		6020B	Total Recoverable
Nickel	0.76		0.0020	0.00063	mg/L	1		6020B	Total Recoverable
Selenium	0.028		0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Silver	0.0027		0.00050	0.00012	mg/L	1		6020B	Total Recoverable
Thallium	0.0031		0.0020	0.00057	mg/L	1		6020B	Total Recoverable
Vanadium	0.44		0.0050	0.0022	mg/L	1		6020B	Total Recoverable
Zinc	2.1		0.020	0.0069	mg/L	1		6020B	Total Recoverable
Mercury	0.0019		0.00020	0.000076	mg/L	1		7470A	Total/NA

Client Sample ID: TMW-5-B15

Lab Sample ID: 500-269008-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbon disulfide	0.0072		0.0020	0.0011	mg/L	1		8260D	Total/NA
Ethylbenzene	0.00029	J	0.00050	0.00020	mg/L	1		8260D	Total/NA
Xylenes, Total	0.0015		0.0010	0.00030	mg/L	1		8260D	Total/NA

Client Sample ID: TMW-5-B22

Lab Sample ID: 500-269008-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	0.0043		0.0030	0.0013	mg/L	1		6020B	Total Recoverable
Arsenic	0.026		0.0010	0.00023	mg/L	1		6020B	Total Recoverable
Barium	0.54		0.0025	0.00073	mg/L	1		6020B	Total Recoverable
Beryllium	0.0024		0.0010	0.00053	mg/L	1		6020B	Total Recoverable
Cadmium	0.0044		0.00050	0.00017	mg/L	1		6020B	Total Recoverable
Chromium	0.18		0.0050	0.0011	mg/L	1		6020B	Total Recoverable
Cobalt	0.028		0.0010	0.00040	mg/L	1		6020B	Total Recoverable
Copper	0.27		0.0020	0.00050	mg/L	1		6020B	Total Recoverable
Iron	140		0.10	0.047	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: TMW-5-B22 (Continued)

Lab Sample ID: 500-269008-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.98		0.00050	0.00019	mg/L	1		6020B	Total Recoverable
Magnesium	62		0.20	0.049	mg/L	1		6020B	Total Recoverable
Manganese	3.4		0.0025	0.00079	mg/L	1		6020B	Total Recoverable
Nickel	0.14		0.0020	0.00063	mg/L	1		6020B	Total Recoverable
Selenium	0.0061		0.0025	0.00098	mg/L	1		6020B	Total Recoverable
Silver	0.0011		0.00050	0.00012	mg/L	1		6020B	Total Recoverable
Vanadium	0.11		0.0050	0.0022	mg/L	1		6020B	Total Recoverable
Zinc	0.75		0.020	0.0069	mg/L	1		6020B	Total Recoverable
Mercury	0.00021		0.00020	0.000076	mg/L	1		7470A	Total/NA
Cyanide, Total	0.0050		0.0050	0.0036	mg/L	1		9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-269008-1

Client Sample ID: TMW-5-B08
Date Collected: 05/28/25 10:40
Date Received: 05/28/25 16:05

Lab Sample ID: 500-269008-1
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.0013**	**J**	0.0030	0.0013	mg/L		05/30/25 15:21	06/02/25 14:28	1
Arsenic	**0.013**		0.0010	0.00023	mg/L		05/30/25 15:21	06/02/25 14:28	1
Barium	**0.064**		0.0025	0.00073	mg/L		05/30/25 15:21	06/02/25 14:28	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		05/30/25 15:21	06/02/25 14:28	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		05/30/25 15:21	06/02/25 14:28	1
Chromium	**0.0062**		0.0050	0.0011	mg/L		05/30/25 15:21	06/02/25 14:28	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		05/30/25 15:21	06/02/25 14:28	1
Copper	**0.00060**	**J**	0.0020	0.00050	mg/L		05/30/25 15:21	06/02/25 14:28	1
Iron	<0.10		0.10	0.047	mg/L		05/30/25 15:21	06/02/25 14:28	1
Lead	<0.00050		0.00050	0.00019	mg/L		05/30/25 15:21	06/02/25 14:28	1
Magnesium	**5.5**		0.20	0.049	mg/L		05/30/25 15:21	06/02/25 14:28	1
Manganese	**0.028**		0.0025	0.00079	mg/L		05/30/25 15:21	06/02/25 14:28	1
Nickel	**0.0049**		0.0020	0.00063	mg/L		05/30/25 15:21	06/02/25 14:28	1
Selenium	**0.0012**	**J**	0.0025	0.00098	mg/L		05/30/25 15:21	06/02/25 14:28	1
Silver	<0.00050		0.00050	0.00012	mg/L		05/30/25 15:21	06/02/25 14:28	1
Thallium	<0.0020		0.0020	0.00057	mg/L		05/30/25 15:21	06/02/25 14:28	1
Vanadium	**0.0076**		0.0050	0.0022	mg/L		05/30/25 15:21	06/02/25 14:28	1
Zinc	<0.020		0.020	0.0069	mg/L		05/30/25 15:21	06/02/25 14:28	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		06/03/25 10:20	06/04/25 09:27	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-269008-1

Client Sample ID: TMW-5-B22
Date Collected: 05/28/25 12:30
Date Received: 05/28/25 16:05

Lab Sample ID: 500-269008-2
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		05/30/25 15:21	06/02/25 14:45	1
Arsenic	**0.0029**		0.0010	0.00023	mg/L		05/30/25 15:21	06/02/25 14:45	1
Barium	**0.17**		0.0025	0.00073	mg/L		05/30/25 15:21	06/02/25 14:45	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		05/30/25 15:21	06/02/25 14:45	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		05/30/25 15:21	06/02/25 14:45	1
Chromium	<0.0050		0.0050	0.0011	mg/L		05/30/25 15:21	06/02/25 14:45	1
Cobalt	**0.0024**		0.0010	0.00040	mg/L		05/30/25 15:21	06/02/25 14:45	1
Copper	**0.00060**	**J**	0.0020	0.00050	mg/L		05/30/25 15:21	06/02/25 14:45	1
Iron	**5.7**		0.10	0.047	mg/L		05/30/25 15:21	06/02/25 14:45	1
Lead	**0.00020**	**J**	0.00050	0.00019	mg/L		05/30/25 15:21	06/02/25 14:45	1
Magnesium	**33**		0.20	0.049	mg/L		05/30/25 15:21	06/02/25 14:45	1
Manganese	**1.1**		0.0025	0.00079	mg/L		05/30/25 15:21	06/02/25 14:45	1
Nickel	**0.0057**		0.0020	0.00063	mg/L		05/30/25 15:21	06/02/25 14:45	1
Selenium	**0.0010**	**J**	0.0025	0.00098	mg/L		05/30/25 15:21	06/02/25 14:45	1
Silver	<0.00050		0.00050	0.00012	mg/L		05/30/25 15:21	06/02/25 14:45	1
Thallium	<0.0020		0.0020	0.00057	mg/L		05/30/25 15:21	06/02/25 14:45	1
Vanadium	<0.0050		0.0050	0.0022	mg/L		05/30/25 15:21	06/02/25 14:45	1
Zinc	<0.020		0.020	0.0069	mg/L		05/30/25 15:21	06/02/25 14:45	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		06/03/25 10:20	06/04/25 09:29	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-269008-1

Client Sample ID: TB-1
Date Collected: 05/28/25 00:00
Date Received: 05/28/25 16:05

Lab Sample ID: 500-269008-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0010		0.0010	0.00045	mg/L			06/04/25 23:32	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00065	mg/L			06/04/25 23:32	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00073	mg/L			06/04/25 23:32	1
1,1-Dichloroethane	<0.0010		0.0010	0.00036	mg/L			06/04/25 23:32	1
1,1-Dichloroethene	<0.0010		0.0010	0.00048	mg/L			06/04/25 23:32	1
1,2-Dichloroethane	<0.0010		0.0010	0.00058	mg/L			06/04/25 23:32	1
1,2-Dichloropropane	<0.0010		0.0010	0.00037	mg/L			06/04/25 23:32	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00063	mg/L			06/04/25 23:32	1
2-Hexanone	<0.0050		0.0050	0.0022	mg/L			06/04/25 23:32	1
Acetone	<0.010		0.010	0.0043	mg/L			06/04/25 23:32	1
Benzene	<0.00050		0.00050	0.00018	mg/L			06/04/25 23:32	1
Bromodichloromethane	<0.0010		0.0010	0.00057	mg/L			06/04/25 23:32	1
Bromoform	<0.0010		0.0010	0.00096	mg/L			06/04/25 23:32	1
Bromomethane	<0.0030	*- *1	0.0030	0.0018	mg/L			06/04/25 23:32	1
Carbon disulfide	<0.0020		0.0020	0.0011	mg/L			06/04/25 23:32	1
Carbon tetrachloride	<0.0010		0.0010	0.00041	mg/L			06/04/25 23:32	1
Chlorobenzene	<0.0010		0.0010	0.00041	mg/L			06/04/25 23:32	1
Chloroethane	<0.0050		0.0050	0.00047	mg/L			06/04/25 23:32	1
Chloroform	<0.0020		0.0020	0.00092	mg/L			06/04/25 23:32	1
Chloromethane	<0.0050		0.0050	0.00079	mg/L			06/04/25 23:32	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00042	mg/L			06/04/25 23:32	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00052	mg/L			06/04/25 23:32	1
Dibromochloromethane	<0.0010		0.0010	0.00083	mg/L			06/04/25 23:32	1
Ethylbenzene	<0.00050		0.00050	0.00020	mg/L			06/04/25 23:32	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0023	mg/L			06/04/25 23:32	1
methyl isobutyl ketone	<0.0050		0.0050	0.0020	mg/L			06/04/25 23:32	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00043	mg/L			06/04/25 23:32	1
Methylene Chloride	<0.0050		0.0050	0.0036	mg/L			06/04/25 23:32	1
Styrene	<0.0010		0.0010	0.00031	mg/L			06/04/25 23:32	1
Tetrachloroethene	<0.0010		0.0010	0.00039	mg/L			06/04/25 23:32	1
Toluene	<0.00050		0.00050	0.00021	mg/L			06/04/25 23:32	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00044	mg/L			06/04/25 23:32	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00063	mg/L			06/04/25 23:32	1
Trichloroethene	<0.00050		0.00050	0.00015	mg/L			06/04/25 23:32	1
Vinyl chloride	<0.0010		0.0010	0.00047	mg/L			06/04/25 23:32	1
Xylenes, Total	<0.0010		0.0010	0.00030	mg/L			06/04/25 23:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*06/04/25 23:32*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*		*06/04/25 23:32*	*1*
Dibromofluoromethane	*99*		*75 - 120*		*06/04/25 23:32*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*06/04/25 23:32*	*1*

Client Sample ID: TMW-5-B08
Lab Sample ID: 500-269008-4
Date Collected: 05/28/25 10:40
Matrix: Water
Date Received: 05/28/25 16:05

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0010		0.0010	0.00045	mg/L			06/04/25 23:56	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00065	mg/L			06/04/25 23:56	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00073	mg/L			06/04/25 23:56	1
1,1-Dichloroethane	<0.0010		0.0010	0.00036	mg/L			06/04/25 23:56	1
1,1-Dichloroethene	<0.0010		0.0010	0.00048	mg/L			06/04/25 23:56	1
1,2-Dichloroethane	<0.0010		0.0010	0.00058	mg/L			06/04/25 23:56	1
1,2-Dichloropropane	<0.0010		0.0010	0.00037	mg/L			06/04/25 23:56	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00063	mg/L			06/04/25 23:56	1
2-Hexanone	<0.0050		0.0050	0.0022	mg/L			06/04/25 23:56	1
Acetone	**0.0072**	**J**	0.010	0.0043	mg/L			06/04/25 23:56	1
Benzene	<0.00050		0.00050	0.00018	mg/L			06/04/25 23:56	1
Bromodichloromethane	<0.0010		0.0010	0.00057	mg/L			06/04/25 23:56	1
Bromoform	<0.0010		0.0010	0.00096	mg/L			06/04/25 23:56	1
Bromomethane	<0.0030	*- *1	0.0030	0.0018	mg/L			06/04/25 23:56	1
Carbon disulfide	<0.0020		0.0020	0.0011	mg/L			06/04/25 23:56	1
Carbon tetrachloride	<0.0010		0.0010	0.00041	mg/L			06/04/25 23:56	1
Chlorobenzene	<0.0010		0.0010	0.00041	mg/L			06/04/25 23:56	1
Chloroethane	<0.0050		0.0050	0.00047	mg/L			06/04/25 23:56	1
Chloroform	<0.0020		0.0020	0.00092	mg/L			06/04/25 23:56	1
Chloromethane	<0.0050		0.0050	0.00079	mg/L			06/04/25 23:56	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00042	mg/L			06/04/25 23:56	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00052	mg/L			06/04/25 23:56	1
Dibromochloromethane	<0.0010		0.0010	0.00083	mg/L			06/04/25 23:56	1
Ethylbenzene	<0.00050		0.00050	0.00020	mg/L			06/04/25 23:56	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0023	mg/L			06/04/25 23:56	1
methyl isobutyl ketone	<0.0050		0.0050	0.0020	mg/L			06/04/25 23:56	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00043	mg/L			06/04/25 23:56	1
Methylene Chloride	<0.0050		0.0050	0.0036	mg/L			06/04/25 23:56	1
Styrene	<0.0010		0.0010	0.00031	mg/L			06/04/25 23:56	1
Tetrachloroethene	<0.0010		0.0010	0.00039	mg/L			06/04/25 23:56	1
Toluene	<0.00050		0.00050	0.00021	mg/L			06/04/25 23:56	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00044	mg/L			06/04/25 23:56	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00063	mg/L			06/04/25 23:56	1
Trichloroethene	<0.00050		0.00050	0.00015	mg/L			06/04/25 23:56	1
Vinyl chloride	<0.0010		0.0010	0.00047	mg/L			06/04/25 23:56	1
Xylenes, Total	<0.0010		0.0010	0.00030	mg/L			06/04/25 23:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*75 - 126*		*06/04/25 23:56*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 124*		*06/04/25 23:56*	*1*
Dibromofluoromethane	*98*		*75 - 120*		*06/04/25 23:56*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*06/04/25 23:56*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0019		0.0019	0.00023	mg/L		06/02/25 18:17	06/03/25 19:43	1
1,2-Dichlorobenzene	<0.0019		0.0019	0.00024	mg/L		06/02/25 18:17	06/03/25 19:43	1
1,3-Dichlorobenzene	<0.0019		0.0019	0.00020	mg/L		06/02/25 18:17	06/03/25 19:43	1
1,4-Dichlorobenzene	<0.0019		0.0019	0.00020	mg/L		06/02/25 18:17	06/03/25 19:43	1
2,2'-oxybis[1-chloropropane]	<0.0019		0.0019	0.00037	mg/L		06/02/25 18:17	06/03/25 19:43	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-269008-1

Client Sample ID: TMW-5-B08
Date Collected: 05/28/25 10:40
Date Received: 05/28/25 16:05

Lab Sample ID: 500-269008-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.0096		0.0096	0.0025	mg/L		06/02/25 18:17	06/03/25 19:43	1
2,4,6-Trichlorophenol	<0.0048		0.0048	0.00069	mg/L		06/02/25 18:17	06/03/25 19:43	1
2,4-Dichlorophenol	<0.0096		0.0096	0.0025	mg/L		06/02/25 18:17	06/03/25 19:43	1
2,4-Dimethylphenol	<0.0096	*1	0.0096	0.0017	mg/L		06/02/25 18:17	06/03/25 19:43	1
2,4-Dinitrophenol	<0.019		0.019	0.0082	mg/L		06/02/25 18:17	06/03/25 19:43	1
2,4-Dinitrotoluene	<0.00096		0.00096	0.00024	mg/L		06/02/25 18:17	06/03/25 19:43	1
2,6-Dinitrotoluene	<0.00096		0.00096	0.000071	mg/L		06/02/25 18:17	06/03/25 19:43	1
2-Chloronaphthalene	<0.0019		0.0019	0.00023	mg/L		06/02/25 18:17	06/03/25 19:43	1
2-Chlorophenol	<0.0048		0.0048	0.00054	mg/L		06/02/25 18:17	06/03/25 19:43	1
2-Methylnaphthalene	<0.0019		0.0019	0.000063	mg/L		06/02/25 18:17	06/03/25 19:43	1
2-Methylphenol	<0.0019		0.0019	0.00029	mg/L		06/02/25 18:17	06/03/25 19:43	1
2-Nitroaniline	<0.0048		0.0048	0.0012	mg/L		06/02/25 18:17	06/03/25 19:43	1
2-Nitrophenol	<0.0096		0.0096	0.0024	mg/L		06/02/25 18:17	06/03/25 19:43	1
3 & 4 Methylphenol	<0.0019		0.0019	0.00043	mg/L		06/02/25 18:17	06/03/25 19:43	1
3,3'-Dichlorobenzidine	<0.0048	*1	0.0048	0.0016	mg/L		06/02/25 18:17	06/03/25 19:43	1
3-Nitroaniline	<0.0096		0.0096	0.0017	mg/L		06/02/25 18:17	06/03/25 19:43	1
4,6-Dinitro-2-methylphenol	<0.019		0.019	0.0057	mg/L		06/02/25 18:17	06/03/25 19:43	1
4-Bromophenyl phenyl ether	<0.0048		0.0048	0.00052	mg/L		06/02/25 18:17	06/03/25 19:43	1
4-Chloro-3-methylphenol	<0.0096		0.0096	0.0022	mg/L		06/02/25 18:17	06/03/25 19:43	1
4-Chloroaniline	<0.0096		0.0096	0.0019	mg/L		06/02/25 18:17	06/03/25 19:43	1
4-Chlorophenyl phenyl ether	<0.0048		0.0048	0.00061	mg/L		06/02/25 18:17	06/03/25 19:43	1
4-Nitroaniline	<0.0096		0.0096	0.0016	mg/L		06/02/25 18:17	06/03/25 19:43	1
4-Nitrophenol	<0.019		0.019	0.0071	mg/L		06/02/25 18:17	06/03/25 19:43	1
Acenaphthene	**0.00032**	**J**	0.00096	0.00030	mg/L		06/02/25 18:17	06/03/25 19:43	1
Acenaphthylene	<0.00096		0.00096	0.00026	mg/L		06/02/25 18:17	06/03/25 19:43	1
Anthracene	<0.00096		0.00096	0.00032	mg/L		06/02/25 18:17	06/03/25 19:43	1
Benzo[a]anthracene	**0.00050**		0.00016	0.000054	mg/L		06/02/25 18:17	06/03/25 19:43	1
Benzo[a]pyrene	**0.00090**		0.00019	0.000095	mg/L		06/02/25 18:17	06/03/25 19:43	1
Benzo[b]fluoranthene	**0.0012**		0.00019	0.000077	mg/L		06/02/25 18:17	06/03/25 19:43	1
Benzo[g,h,i]perylene	**0.00083**	**J**	0.00096	0.00036	mg/L		06/02/25 18:17	06/03/25 19:43	1
Benzo[k]fluoranthene	**0.00039**		0.00019	0.000061	mg/L		06/02/25 18:17	06/03/25 19:43	1
Bis(2-chloroethoxy)methane	<0.0019		0.0019	0.00027	mg/L		06/02/25 18:17	06/03/25 19:43	1
Bis(2-chloroethyl)ether	<0.0019		0.0019	0.00028	mg/L		06/02/25 18:17	06/03/25 19:43	1
Bis(2-ethylhexyl) phthalate	<0.0096		0.0096	0.0016	mg/L		06/02/25 18:17	06/03/25 19:43	1
Butyl benzyl phthalate	<0.0019		0.0019	0.00046	mg/L		06/02/25 18:17	06/03/25 19:43	1
Carbazole	<0.0048		0.0048	0.00034	mg/L		06/02/25 18:17	06/03/25 19:43	1
Chrysene	**0.00061**		0.00019	0.000065	mg/L		06/02/25 18:17	06/03/25 19:43	1
Dibenz(a,h)anthracene	**0.00018**	**J**	0.00029	0.000049	mg/L		06/02/25 18:17	06/03/25 19:43	1
Dibenzofuran	<0.0019		0.0019	0.00025	mg/L		06/02/25 18:17	06/03/25 19:43	1
Diethyl phthalate	<0.0048		0.0048	0.00035	mg/L		06/02/25 18:17	06/03/25 19:43	1
Dimethyl phthalate	<0.0048		0.0048	0.00030	mg/L		06/02/25 18:17	06/03/25 19:43	1
Di-n-butyl phthalate	<0.0048		0.0048	0.00070	mg/L		06/02/25 18:17	06/03/25 19:43	1
Di-n-octyl phthalate	<0.0096		0.0096	0.0010	mg/L		06/02/25 18:17	06/03/25 19:43	1
Fluoranthene	**0.00099**		0.00096	0.00044	mg/L		06/02/25 18:17	06/03/25 19:43	1
Fluorene	<0.00096		0.00096	0.00023	mg/L		06/02/25 18:17	06/03/25 19:43	1
Hexachlorobenzene	<0.00048		0.00048	0.000076	mg/L		06/02/25 18:17	06/03/25 19:43	1
Hexachlorobutadiene	<0.0048		0.0048	0.00049	mg/L		06/02/25 18:17	06/03/25 19:43	1
Hexachlorocyclopentadiene	<0.019		0.019	0.0061	mg/L		06/02/25 18:17	06/03/25 19:43	1
Hexachloroethane	<0.0048		0.0048	0.00058	mg/L		06/02/25 18:17	06/03/25 19:43	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-269008-1

Client Sample ID: TMW-5-B08
Date Collected: 05/28/25 10:40
Date Received: 05/28/25 16:05

Lab Sample ID: 500-269008-4
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	0.00074		0.00019	0.000072	mg/L		06/02/25 18:17	06/03/25 19:43	1
Isophorone	<0.0019		0.0019	0.00036	mg/L		06/02/25 18:17	06/03/25 19:43	1
Naphthalene	<0.00096		0.00096	0.00030	mg/L		06/02/25 18:17	06/03/25 19:43	1
Nitrobenzene	<0.00096		0.00096	0.00043	mg/L		06/02/25 18:17	06/03/25 19:43	1
N-Nitrosodi-n-propylamine	<0.00048		0.00048	0.00015	mg/L		06/02/25 18:17	06/03/25 19:43	1
N-Nitrosodiphenylamine	<0.0019		0.0019	0.00036	mg/L		06/02/25 18:17	06/03/25 19:43	1
Pentachlorophenol	<0.019		0.019	0.0038	mg/L		06/02/25 18:17	06/03/25 19:43	1
Phenanthrene	0.00059	J	0.00096	0.00029	mg/L		06/02/25 18:17	06/03/25 19:43	1
Phenol	<0.0048		0.0048	0.00064	mg/L		06/02/25 18:17	06/03/25 19:43	1
Pyrene	0.00083	J	0.00096	0.00041	mg/L		06/02/25 18:17	06/03/25 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*103*		*40 - 145*	*06/02/25 18:17*	*06/03/25 19:43*	*1*
2-Fluorobiphenyl	*82*		*34 - 110*	*06/02/25 18:17*	*06/03/25 19:43*	*1*
2-Fluorophenol (Surr)	*49*		*27 - 110*	*06/02/25 18:17*	*06/03/25 19:43*	*1*
Nitrobenzene-d5 (Surr)	*81*		*36 - 120*	*06/02/25 18:17*	*06/03/25 19:43*	*1*
Phenol-d5 (Surr)	*37*		*20 - 110*	*06/02/25 18:17*	*06/03/25 19:43*	*1*
Terphenyl-d14 (Surr)	*86*		*40 - 145*	*06/02/25 18:17*	*06/03/25 19:43*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.0015	J	0.0030	0.0013	mg/L		05/30/25 15:21	06/02/25 14:48	1
Arsenic	0.10		0.0010	0.00023	mg/L		05/30/25 15:21	06/02/25 14:48	1
Barium	3.3		0.0025	0.00073	mg/L		05/30/25 15:21	06/02/25 14:48	1
Beryllium	0.0090		0.0010	0.00053	mg/L		05/30/25 15:21	06/02/25 14:48	1
Cadmium	0.021		0.00050	0.00017	mg/L		05/30/25 15:21	06/02/25 14:48	1
Chromium	0.87		0.0050	0.0011	mg/L		05/30/25 15:21	06/02/25 14:48	1
Cobalt	0.14		0.0010	0.00040	mg/L		05/30/25 15:21	06/02/25 14:48	1
Copper	1.1		0.0020	0.00050	mg/L		05/30/25 15:21	06/02/25 14:48	1
Iron	450		1.5	0.70	mg/L		05/30/25 15:21	06/03/25 13:13	15
Lead	1.5		0.00050	0.00019	mg/L		05/30/25 15:21	06/02/25 14:48	1
Magnesium	170		0.20	0.049	mg/L		05/30/25 15:21	06/02/25 14:48	1
Manganese	14		0.038	0.012	mg/L		05/30/25 15:21	06/03/25 13:13	15
Nickel	0.76		0.0020	0.00063	mg/L		05/30/25 15:21	06/02/25 14:48	1
Selenium	0.028		0.0025	0.00098	mg/L		05/30/25 15:21	06/02/25 14:48	1
Silver	0.0027		0.00050	0.00012	mg/L		05/30/25 15:21	06/02/25 14:48	1
Thallium	0.0031		0.0020	0.00057	mg/L		05/30/25 15:21	06/02/25 14:48	1
Vanadium	0.44		0.0050	0.0022	mg/L		05/30/25 15:21	06/02/25 14:48	1
Zinc	2.1		0.020	0.0069	mg/L		05/30/25 15:21	06/02/25 14:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0019		0.00020	0.000076	mg/L		05/30/25 09:55	06/02/25 10:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	<0.0050		0.0050	0.0036	mg/L		06/03/25 09:31	06/03/25 18:44	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-269008-1

Client Sample ID: TMW-5-B15
Date Collected: 05/28/25 11:40
Date Received: 05/28/25 16:05

Lab Sample ID: 500-269008-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0010		0.0010	0.00045	mg/L			06/05/25 00:21	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00065	mg/L			06/05/25 00:21	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00073	mg/L			06/05/25 00:21	1
1,1-Dichloroethane	<0.0010		0.0010	0.00036	mg/L			06/05/25 00:21	1
1,1-Dichloroethene	<0.0010		0.0010	0.00048	mg/L			06/05/25 00:21	1
1,2-Dichloroethane	<0.0010		0.0010	0.00058	mg/L			06/05/25 00:21	1
1,2-Dichloropropane	<0.0010		0.0010	0.00037	mg/L			06/05/25 00:21	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00063	mg/L			06/05/25 00:21	1
2-Hexanone	<0.0050		0.0050	0.0022	mg/L			06/05/25 00:21	1
Acetone	<0.010		0.010	0.0043	mg/L			06/05/25 00:21	1
Benzene	<0.00050		0.00050	0.00018	mg/L			06/05/25 00:21	1
Bromodichloromethane	<0.0010		0.0010	0.00057	mg/L			06/05/25 00:21	1
Bromoform	<0.0010		0.0010	0.00096	mg/L			06/05/25 00:21	1
Bromomethane	<0.0030	*- *1	0.0030	0.0018	mg/L			06/05/25 00:21	1
Carbon disulfide	**0.0072**		0.0020	0.0011	mg/L			06/05/25 00:21	1
Carbon tetrachloride	<0.0010		0.0010	0.00041	mg/L			06/05/25 00:21	1
Chlorobenzene	<0.0010		0.0010	0.00041	mg/L			06/05/25 00:21	1
Chloroethane	<0.0050		0.0050	0.00047	mg/L			06/05/25 00:21	1
Chloroform	<0.0020		0.0020	0.00092	mg/L			06/05/25 00:21	1
Chloromethane	<0.0050		0.0050	0.00079	mg/L			06/05/25 00:21	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00042	mg/L			06/05/25 00:21	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00052	mg/L			06/05/25 00:21	1
Dibromochloromethane	<0.0010		0.0010	0.00083	mg/L			06/05/25 00:21	1
Ethylbenzene	**0.00029**	**J**	0.00050	0.00020	mg/L			06/05/25 00:21	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0023	mg/L			06/05/25 00:21	1
methyl isobutyl ketone	<0.0050		0.0050	0.0020	mg/L			06/05/25 00:21	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00043	mg/L			06/05/25 00:21	1
Methylene Chloride	<0.0050		0.0050	0.0036	mg/L			06/05/25 00:21	1
Styrene	<0.0010		0.0010	0.00031	mg/L			06/05/25 00:21	1
Tetrachloroethene	<0.0010		0.0010	0.00039	mg/L			06/05/25 00:21	1
Toluene	<0.00050		0.00050	0.00021	mg/L			06/05/25 00:21	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00044	mg/L			06/05/25 00:21	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00063	mg/L			06/05/25 00:21	1
Trichloroethene	<0.00050		0.00050	0.00015	mg/L			06/05/25 00:21	1
Vinyl chloride	<0.0010		0.0010	0.00047	mg/L			06/05/25 00:21	1
Xylenes, Total	**0.0015**		0.0010	0.00030	mg/L			06/05/25 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*06/05/25 00:21*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*		*06/05/25 00:21*	*1*
Dibromofluoromethane	*98*		*75 - 120*		*06/05/25 00:21*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*06/05/25 00:21*	*1*

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-269008-1

Client Sample ID: TMW-5-B22
Date Collected: 05/28/25 12:30
Date Received: 05/28/25 16:05

Lab Sample ID: 500-269008-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0010		0.0010	0.00045	mg/L			06/05/25 00:45	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00065	mg/L			06/05/25 00:45	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00073	mg/L			06/05/25 00:45	1
1,1-Dichloroethane	<0.0010		0.0010	0.00036	mg/L			06/05/25 00:45	1
1,1-Dichloroethene	<0.0010		0.0010	0.00048	mg/L			06/05/25 00:45	1
1,2-Dichloroethane	<0.0010		0.0010	0.00058	mg/L			06/05/25 00:45	1
1,2-Dichloropropane	<0.0010		0.0010	0.00037	mg/L			06/05/25 00:45	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00063	mg/L			06/05/25 00:45	1
2-Hexanone	<0.0050		0.0050	0.0022	mg/L			06/05/25 00:45	1
Acetone	<0.010		0.010	0.0043	mg/L			06/05/25 00:45	1
Benzene	<0.00050		0.00050	0.00018	mg/L			06/05/25 00:45	1
Bromodichloromethane	<0.0010		0.0010	0.00057	mg/L			06/05/25 00:45	1
Bromoform	<0.0010		0.0010	0.00096	mg/L			06/05/25 00:45	1
Bromomethane	<0.0030	*- *1	0.0030	0.0018	mg/L			06/05/25 00:45	1
Carbon disulfide	<0.0020		0.0020	0.0011	mg/L			06/05/25 00:45	1
Carbon tetrachloride	<0.0010		0.0010	0.00041	mg/L			06/05/25 00:45	1
Chlorobenzene	<0.0010		0.0010	0.00041	mg/L			06/05/25 00:45	1
Chloroethane	<0.0050		0.0050	0.00047	mg/L			06/05/25 00:45	1
Chloroform	<0.0020		0.0020	0.00092	mg/L			06/05/25 00:45	1
Chloromethane	<0.0050		0.0050	0.00079	mg/L			06/05/25 00:45	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00042	mg/L			06/05/25 00:45	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00052	mg/L			06/05/25 00:45	1
Dibromochloromethane	<0.0010		0.0010	0.00083	mg/L			06/05/25 00:45	1
Ethylbenzene	<0.00050		0.00050	0.00020	mg/L			06/05/25 00:45	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0023	mg/L			06/05/25 00:45	1
methyl isobutyl ketone	<0.0050		0.0050	0.0020	mg/L			06/05/25 00:45	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00043	mg/L			06/05/25 00:45	1
Methylene Chloride	<0.0050		0.0050	0.0036	mg/L			06/05/25 00:45	1
Styrene	<0.0010		0.0010	0.00031	mg/L			06/05/25 00:45	1
Tetrachloroethene	<0.0010		0.0010	0.00039	mg/L			06/05/25 00:45	1
Toluene	<0.00050		0.00050	0.00021	mg/L			06/05/25 00:45	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00044	mg/L			06/05/25 00:45	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00063	mg/L			06/05/25 00:45	1
Trichloroethene	<0.00050		0.00050	0.00015	mg/L			06/05/25 00:45	1
Vinyl chloride	<0.0010		0.0010	0.00047	mg/L			06/05/25 00:45	1
Xylenes, Total	<0.0010		0.0010	0.00030	mg/L			06/05/25 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*75 - 126*		*06/05/25 00:45*	*1*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*		*06/05/25 00:45*	*1*
Dibromofluoromethane	*99*		*75 - 120*		*06/05/25 00:45*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*06/05/25 00:45*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0020		0.0020	0.00024	mg/L		05/29/25 14:08	05/30/25 16:46	1
1,2-Dichlorobenzene	<0.0020		0.0020	0.00025	mg/L		05/29/25 14:08	05/30/25 16:46	1
1,3-Dichlorobenzene	<0.0020		0.0020	0.00021	mg/L		05/29/25 14:08	05/30/25 16:46	1
1,4-Dichlorobenzene	<0.0020		0.0020	0.00021	mg/L		05/29/25 14:08	05/30/25 16:46	1
2,2'-oxybis[1-chloropropane]	<0.0020		0.0020	0.00038	mg/L		05/29/25 14:08	05/30/25 16:46	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-269008-1

Client Sample ID: TMW-5-B22
Date Collected: 05/28/25 12:30
Date Received: 05/28/25 16:05

Lab Sample ID: 500-269008-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	<0.010		0.010	0.0026	mg/L		05/29/25 14:08	05/30/25 16:46	1
2,4,6-Trichlorophenol	<0.0051		0.0051	0.00073	mg/L		05/29/25 14:08	05/30/25 16:46	1
2,4-Dichlorophenol	<0.010		0.010	0.0026	mg/L		05/29/25 14:08	05/30/25 16:46	1
2,4-Dimethylphenol	<0.010		0.010	0.0018	mg/L		05/29/25 14:08	05/30/25 16:46	1
2,4-Dinitrophenol	<0.020		0.020	0.0087	mg/L		05/29/25 14:08	05/30/25 16:46	1
2,4-Dinitrotoluene	<0.0010		0.0010	0.00025	mg/L		05/29/25 14:08	05/30/25 16:46	1
2,6-Dinitrotoluene	<0.0010		0.0010	0.000075	mg/L		05/29/25 14:08	05/30/25 16:46	1
2-Chloronaphthalene	<0.0020		0.0020	0.00024	mg/L		05/29/25 14:08	05/30/25 16:46	1
2-Chlorophenol	<0.0051		0.0051	0.00057	mg/L		05/29/25 14:08	05/30/25 16:46	1
2-Methylnaphthalene	<0.0020		0.0020	0.000066	mg/L		05/29/25 14:08	05/30/25 16:46	1
2-Methylphenol	<0.0020		0.0020	0.00031	mg/L		05/29/25 14:08	05/30/25 16:46	1
2-Nitroaniline	<0.0051		0.0051	0.0013	mg/L		05/29/25 14:08	05/30/25 16:46	1
2-Nitrophenol	<0.010		0.010	0.0025	mg/L		05/29/25 14:08	05/30/25 16:46	1
3 & 4 Methylphenol	<0.0020		0.0020	0.00045	mg/L		05/29/25 14:08	05/30/25 16:46	1
3,3'-Dichlorobenzidine	<0.0051		0.0051	0.0017	mg/L		05/29/25 14:08	05/30/25 16:46	1
3-Nitroaniline	<0.010		0.010	0.0018	mg/L		05/29/25 14:08	05/30/25 16:46	1
4,6-Dinitro-2-methylphenol	<0.020		0.020	0.0060	mg/L		05/29/25 14:08	05/30/25 16:46	1
4-Bromophenyl phenyl ether	<0.0051		0.0051	0.00055	mg/L		05/29/25 14:08	05/30/25 16:46	1
4-Chloro-3-methylphenol	<0.010		0.010	0.0023	mg/L		05/29/25 14:08	05/30/25 16:46	1
4-Chloroaniline	<0.010		0.010	0.0020	mg/L		05/29/25 14:08	05/30/25 16:46	1
4-Chlorophenyl phenyl ether	<0.0051		0.0051	0.00064	mg/L		05/29/25 14:08	05/30/25 16:46	1
4-Nitroaniline	<0.010		0.010	0.0017	mg/L		05/29/25 14:08	05/30/25 16:46	1
4-Nitrophenol	<0.020		0.020	0.0075	mg/L		05/29/25 14:08	05/30/25 16:46	1
Acenaphthene	<0.0010		0.0010	0.00031	mg/L		05/29/25 14:08	05/30/25 16:46	1
Acenaphthylene	<0.0010		0.0010	0.00027	mg/L		05/29/25 14:08	05/30/25 16:46	1
Anthracene	<0.0010		0.0010	0.00034	mg/L		05/29/25 14:08	05/30/25 16:46	1
Benzo[a]anthracene	<0.00016		0.00016	0.000057	mg/L		05/29/25 14:08	05/30/25 16:46	1
Benzo[a]pyrene	<0.00020		0.00020	0.00010	mg/L		05/29/25 14:08	05/30/25 16:46	1
Benzo[b]fluoranthene	<0.00020		0.00020	0.000082	mg/L		05/29/25 14:08	05/30/25 16:46	1
Benzo[g,h,i]perylene	<0.0010		0.0010	0.00038	mg/L		05/29/25 14:08	05/30/25 16:46	1
Benzo[k]fluoranthene	<0.00020		0.00020	0.000065	mg/L		05/29/25 14:08	05/30/25 16:46	1
Bis(2-chloroethoxy)methane	<0.0020		0.0020	0.00029	mg/L		05/29/25 14:08	05/30/25 16:46	1
Bis(2-chloroethyl)ether	<0.0020		0.0020	0.00030	mg/L		05/29/25 14:08	05/30/25 16:46	1
Bis(2-ethylhexyl) phthalate	<0.010		0.010	0.0017	mg/L		05/29/25 14:08	05/30/25 16:46	1
Butyl benzyl phthalate	<0.0020		0.0020	0.00049	mg/L		05/29/25 14:08	05/30/25 16:46	1
Carbazole	<0.0051		0.0051	0.00036	mg/L		05/29/25 14:08	05/30/25 16:46	1
Chrysene	<0.00020		0.00020	0.000069	mg/L		05/29/25 14:08	05/30/25 16:46	1
Dibenz(a,h)anthracene	<0.00030		0.00030	0.000051	mg/L		05/29/25 14:08	05/30/25 16:46	1
Dibenzofuran	<0.0020		0.0020	0.00027	mg/L		05/29/25 14:08	05/30/25 16:46	1
Diethyl phthalate	<0.0051		0.0051	0.00037	mg/L		05/29/25 14:08	05/30/25 16:46	1
Dimethyl phthalate	<0.0051		0.0051	0.00032	mg/L		05/29/25 14:08	05/30/25 16:46	1
Di-n-butyl phthalate	<0.0051		0.0051	0.00074	mg/L		05/29/25 14:08	05/30/25 16:46	1
Di-n-octyl phthalate	<0.010		0.010	0.0011	mg/L		05/29/25 14:08	05/30/25 16:46	1
Fluoranthene	<0.0010		0.0010	0.00046	mg/L		05/29/25 14:08	05/30/25 16:46	1
Fluorene	<0.0010		0.0010	0.00025	mg/L		05/29/25 14:08	05/30/25 16:46	1
Hexachlorobenzene	<0.00051		0.00051	0.000080	mg/L		05/29/25 14:08	05/30/25 16:46	1
Hexachlorobutadiene	<0.0051		0.0051	0.00052	mg/L		05/29/25 14:08	05/30/25 16:46	1
Hexachlorocyclopentadiene	<0.020		0.020	0.0065	mg/L		05/29/25 14:08	05/30/25 16:46	1
Hexachloroethane	<0.0051		0.0051	0.00061	mg/L		05/29/25 14:08	05/30/25 16:46	1

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-269008-1

Client Sample ID: TMW-5-B22
Date Collected: 05/28/25 12:30
Date Received: 05/28/25 16:05

Lab Sample ID: 500-269008-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	<0.00020		0.00020	0.000076	mg/L		05/29/25 14:08	05/30/25 16:46	1
Isophorone	<0.0020		0.0020	0.00038	mg/L		05/29/25 14:08	05/30/25 16:46	1
Naphthalene	<0.0010		0.0010	0.00031	mg/L		05/29/25 14:08	05/30/25 16:46	1
Nitrobenzene	<0.0010		0.0010	0.00045	mg/L		05/29/25 14:08	05/30/25 16:46	1
N-Nitrosodi-n-propylamine	<0.00051		0.00051	0.00016	mg/L		05/29/25 14:08	05/30/25 16:46	1
N-Nitrosodiphenylamine	<0.0020		0.0020	0.00037	mg/L		05/29/25 14:08	05/30/25 16:46	1
Pentachlorophenol	<0.020		0.020	0.0040	mg/L		05/29/25 14:08	05/30/25 16:46	1
Phenanthrene	<0.0010		0.0010	0.00031	mg/L		05/29/25 14:08	05/30/25 16:46	1
Phenol	<0.0051		0.0051	0.00068	mg/L		05/29/25 14:08	05/30/25 16:46	1
Pyrene	<0.0010		0.0010	0.00043	mg/L		05/29/25 14:08	05/30/25 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*40 - 145*	*05/29/25 14:08*	*05/30/25 16:46*	*1*
2-Fluorobiphenyl	*79*		*34 - 110*	*05/29/25 14:08*	*05/30/25 16:46*	*1*
2-Fluorophenol (Surr)	*65*		*27 - 110*	*05/29/25 14:08*	*05/30/25 16:46*	*1*
Nitrobenzene-d5 (Surr)	*99*		*36 - 120*	*05/29/25 14:08*	*05/30/25 16:46*	*1*
Phenol-d5 (Surr)	*48*		*20 - 110*	*05/29/25 14:08*	*05/30/25 16:46*	*1*
Terphenyl-d14 (Surr)	*87*		*40 - 145*	*05/29/25 14:08*	*05/30/25 16:46*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**0.0043**		0.0030	0.0013	mg/L		05/30/25 15:21	06/02/25 14:50	1
Arsenic	**0.026**		0.0010	0.00023	mg/L		05/30/25 15:21	06/02/25 14:50	1
Barium	**0.54**		0.0025	0.00073	mg/L		05/30/25 15:21	06/02/25 14:50	1
Beryllium	**0.0024**		0.0010	0.00053	mg/L		05/30/25 15:21	06/02/25 14:50	1
Cadmium	**0.0044**		0.00050	0.00017	mg/L		05/30/25 15:21	06/02/25 14:50	1
Chromium	**0.18**		0.0050	0.0011	mg/L		05/30/25 15:21	06/02/25 14:50	1
Cobalt	**0.028**		0.0010	0.00040	mg/L		05/30/25 15:21	06/02/25 14:50	1
Copper	**0.27**		0.0020	0.00050	mg/L		05/30/25 15:21	06/02/25 14:50	1
Iron	**140**		0.10	0.047	mg/L		05/30/25 15:21	06/02/25 14:50	1
Lead	**0.98**		0.00050	0.00019	mg/L		05/30/25 15:21	06/02/25 14:50	1
Magnesium	**62**		0.20	0.049	mg/L		05/30/25 15:21	06/02/25 14:50	1
Manganese	**3.4**		0.0025	0.00079	mg/L		05/30/25 15:21	06/02/25 14:50	1
Nickel	**0.14**		0.0020	0.00063	mg/L		05/30/25 15:21	06/02/25 14:50	1
Selenium	**0.0061**		0.0025	0.00098	mg/L		05/30/25 15:21	06/02/25 14:50	1
Silver	**0.0011**		0.00050	0.00012	mg/L		05/30/25 15:21	06/02/25 14:50	1
Thallium	<0.0020		0.0020	0.00057	mg/L		05/30/25 15:21	06/02/25 14:50	1
Vanadium	**0.11**		0.0050	0.0022	mg/L		05/30/25 15:21	06/02/25 14:50	1
Zinc	**0.75**		0.020	0.0069	mg/L		05/30/25 15:21	06/02/25 14:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00021**		0.00020	0.000076	mg/L		05/30/25 09:55	06/02/25 10:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total (SW846 9012B)	**0.0050**		0.0050	0.0036	mg/L		06/03/25 09:31	06/03/25 18:44	1

Surrogate Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-269008-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-269008-3	TB-1	92	93	99	102
500-269008-4	TMW-5-B08	90	91	98	102
500-269008-5	TMW-5-B15	92	93	98	102
500-269008-6	TMW-5-B22	91	90	99	103
LCS 500-820266/4	Lab Control Sample	88	93	95	103
LCSD 500-820266/5	Lab Control Sample Dup	86	92	95	103
MB 500-820266/8	Method Blank	92	93	99	103

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(40-145)	(34-110)	(27-110)	(36-120)	(20-110)	(40-145)
500-269008-4	TMW-5-B08	103	82	49	81	37	86
500-269008-6	TMW-5-B22	63	79	65	99	48	87
LCS 500-819522/2-A	Lab Control Sample	84	72	52	74	37	79
LCS 500-819978/2-A	Lab Control Sample	90	72	52	79	39	78
LCSD 500-819522/3-A	Lab Control Sample Dup	87	71	53	76	38	77
LCSD 500-819978/3-A	Lab Control Sample Dup	105	81	56	88	39	87
MB 500-819522/1-A	Method Blank	85	82	56	88	41	94
MB 500-819978/1-A	Method Blank	70	55	40	62	29	70

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 500-820266/8
Matrix: Water
Analysis Batch: 820266

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	<0.0010		0.0010	0.00045	mg/L			06/04/25 23:08	1
1,1,2,2-Tetrachloroethane	<0.0010		0.0010	0.00065	mg/L			06/04/25 23:08	1
1,1,2-Trichloroethane	<0.0010		0.0010	0.00073	mg/L			06/04/25 23:08	1
1,1-Dichloroethane	<0.0010		0.0010	0.00036	mg/L			06/04/25 23:08	1
1,1-Dichloroethene	<0.0010		0.0010	0.00048	mg/L			06/04/25 23:08	1
1,2-Dichloroethane	<0.0010		0.0010	0.00058	mg/L			06/04/25 23:08	1
1,2-Dichloropropane	<0.0010		0.0010	0.00037	mg/L			06/04/25 23:08	1
1,3-Dichloropropene, Total	<0.0010		0.0010	0.00063	mg/L			06/04/25 23:08	1
2-Hexanone	<0.0050		0.0050	0.0022	mg/L			06/04/25 23:08	1
Acetone	<0.010		0.010	0.0043	mg/L			06/04/25 23:08	1
Benzene	<0.00050		0.00050	0.00018	mg/L			06/04/25 23:08	1
Bromodichloromethane	<0.0010		0.0010	0.00057	mg/L			06/04/25 23:08	1
Bromoform	<0.0010		0.0010	0.00096	mg/L			06/04/25 23:08	1
Bromomethane	<0.0030		0.0030	0.0018	mg/L			06/04/25 23:08	1
Carbon disulfide	<0.0020		0.0020	0.0011	mg/L			06/04/25 23:08	1
Carbon tetrachloride	<0.0010		0.0010	0.00041	mg/L			06/04/25 23:08	1
Chlorobenzene	<0.0010		0.0010	0.00041	mg/L			06/04/25 23:08	1
Chloroethane	<0.0050		0.0050	0.00047	mg/L			06/04/25 23:08	1
Chloroform	<0.0020		0.0020	0.00092	mg/L			06/04/25 23:08	1
Chloromethane	<0.0050		0.0050	0.00079	mg/L			06/04/25 23:08	1
cis-1,2-Dichloroethene	<0.0010		0.0010	0.00042	mg/L			06/04/25 23:08	1
cis-1,3-Dichloropropene	<0.0010		0.0010	0.00052	mg/L			06/04/25 23:08	1
Dibromochloromethane	<0.0010		0.0010	0.00083	mg/L			06/04/25 23:08	1
Ethylbenzene	<0.00050		0.00050	0.00020	mg/L			06/04/25 23:08	1
Methyl Ethyl Ketone	<0.0050		0.0050	0.0023	mg/L			06/04/25 23:08	1
methyl isobutyl ketone	<0.0050		0.0050	0.0020	mg/L			06/04/25 23:08	1
Methyl tert-butyl ether	<0.0010		0.0010	0.00043	mg/L			06/04/25 23:08	1
Methylene Chloride	<0.0050		0.0050	0.0036	mg/L			06/04/25 23:08	1
Styrene	<0.0010		0.0010	0.00031	mg/L			06/04/25 23:08	1
Tetrachloroethene	<0.0010		0.0010	0.00039	mg/L			06/04/25 23:08	1
Toluene	<0.00050		0.00050	0.00021	mg/L			06/04/25 23:08	1
trans-1,2-Dichloroethene	<0.0010		0.0010	0.00044	mg/L			06/04/25 23:08	1
trans-1,3-Dichloropropene	<0.0010		0.0010	0.00063	mg/L			06/04/25 23:08	1
Trichloroethene	<0.00050		0.00050	0.00015	mg/L			06/04/25 23:08	1
Vinyl chloride	<0.0010		0.0010	0.00047	mg/L			06/04/25 23:08	1
Xylenes, Total	<0.0010		0.0010	0.00030	mg/L			06/04/25 23:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*75 - 126*		*06/04/25 23:08*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*		*06/04/25 23:08*	*1*
Dibromofluoromethane	*99*		*75 - 120*		*06/04/25 23:08*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*06/04/25 23:08*	*1*

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 500-820266/4
Matrix: Water
Analysis Batch: 820266

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,1,1-Trichloroethane			0.0500	0.0464		mg/L		93	70 - 125		
1,1,2,2-Tetrachloroethane			0.0500	0.0475		mg/L		95	62 - 140		
1,1,2-Trichloroethane			0.0500	0.0520		mg/L		104	71 - 130		
1,1-Dichloroethane			0.0500	0.0451		mg/L		90	70 - 125		
1,1-Dichloroethene			0.0500	0.0419		mg/L		84	67 - 122		
1,2-Dichloroethane			0.0500	0.0410		mg/L		82	68 - 127		
1,2-Dichloropropane			0.0500	0.0477		mg/L		95	67 - 130		
2-Hexanone			0.0500	0.0356		mg/L		71	54 - 146		
Acetone			0.0500	0.0332		mg/L		66	40 - 143		
Benzene			0.0500	0.0497		mg/L		99	70 - 120		
Bromodichloromethane			0.0500	0.0471		mg/L		94	69 - 120		
Bromoform			0.0500	0.0482		mg/L		96	56 - 132		
Bromomethane			0.0500	0.0195	*-	mg/L		39	40 - 152		
Carbon disulfide			0.0500	0.0443		mg/L		89	66 - 120		
Carbon tetrachloride			0.0500	0.0466		mg/L		93	59 - 133		
Chlorobenzene			0.0500	0.0497		mg/L		99	70 - 120		
Chloroethane			0.0500	0.0468		mg/L		94	48 - 136		
Chloroform			0.0500	0.0466		mg/L		93	70 - 120		
Chloromethane			0.0500	0.0344		mg/L		69	56 - 152		
cis-1,2-Dichloroethene			0.0500	0.0497		mg/L		99	70 - 125		
cis-1,3-Dichloropropene			0.0500	0.0509		mg/L		102	64 - 127		
Dibromochloromethane			0.0500	0.0494		mg/L		99	68 - 125		
Ethylbenzene			0.0500	0.0533		mg/L		107	70 - 123		
Methyl Ethyl Ketone			0.0500	0.0328		mg/L		66	46 - 144		
methyl isobutyl ketone			0.0500	0.0353		mg/L		71	55 - 139		
Methyl tert-butyl ether			0.0500	0.0453		mg/L		91	55 - 123		
Methylene Chloride			0.0500	0.0479		mg/L		96	69 - 125		
Styrene			0.0500	0.0526		mg/L		105	70 - 120		
Tetrachloroethene			0.0500	0.0526		mg/L		105	70 - 128		
Toluene			0.0500	0.0463		mg/L		93	70 - 125		
trans-1,2-Dichloroethene			0.0500	0.0490		mg/L		98	70 - 125		
trans-1,3-Dichloropropene			0.0500	0.0493		mg/L		99	62 - 128		
Trichloroethene			0.0500	0.0504		mg/L		101	70 - 125		
Vinyl chloride			0.0500	0.0447		mg/L		89	64 - 126		
Xylenes, Total			0.100	0.100		mg/L		100	70 - 125		

Surrogate			*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)			*88*		*75 - 126*
4-Bromofluorobenzene (Surr)			*93*		*72 - 124*
Dibromofluoromethane			*95*		*75 - 120*
Toluene-d8 (Surr)			*103*		*75 - 120*

Lab Sample ID: LCSD 500-820266/5
Matrix: Water
Analysis Batch: 820266

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0500	0.0488		mg/L		98	70 - 125	5	20

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 500-820266/5
Matrix: Water
Analysis Batch: 820266

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane			0.0500	0.0495		mg/L		99	62 - 140	4	20
1,1,2-Trichloroethane			0.0500	0.0530		mg/L		106	71 - 130	2	20
1,1-Dichloroethane			0.0500	0.0483		mg/L		97	70 - 125	7	20
1,1-Dichloroethene			0.0500	0.0452		mg/L		90	67 - 122	8	20
1,2-Dichloroethane			0.0500	0.0424		mg/L		85	68 - 127	3	20
1,2-Dichloropropane			0.0500	0.0486		mg/L		97	67 - 130	2	20
2-Hexanone			0.0500	0.0371		mg/L		74	54 - 146	4	20
Acetone			0.0500	0.0353		mg/L		71	40 - 143	6	20
Benzene			0.0500	0.0510		mg/L		102	70 - 120	3	20
Bromodichloromethane			0.0500	0.0483		mg/L		97	69 - 120	2	20
Bromoform			0.0500	0.0501		mg/L		100	56 - 132	4	20
Bromomethane			0.0500	0.0267	*1	mg/L		53	40 - 152	31	20
Carbon disulfide			0.0500	0.0475		mg/L		95	66 - 120	7	20
Carbon tetrachloride			0.0500	0.0499		mg/L		100	59 - 133	7	20
Chlorobenzene			0.0500	0.0513		mg/L		103	70 - 120	3	20
Chloroethane			0.0500	0.0495		mg/L		99	48 - 136	6	20
Chloroform			0.0500	0.0476		mg/L		95	70 - 120	2	20
Chloromethane			0.0500	0.0360		mg/L		72	56 - 152	5	20
cis-1,2-Dichloroethene			0.0500	0.0518		mg/L		104	70 - 125	4	20
cis-1,3-Dichloropropene			0.0500	0.0523		mg/L		105	64 - 127	3	20
Dibromochloromethane			0.0500	0.0509		mg/L		102	68 - 125	3	20
Ethylbenzene			0.0500	0.0556		mg/L		111	70 - 123	4	20
Methyl Ethyl Ketone			0.0500	0.0342		mg/L		68	46 - 144	4	20
methyl isobutyl ketone			0.0500	0.0364		mg/L		73	55 - 139	3	20
Methyl tert-butyl ether			0.0500	0.0471		mg/L		94	55 - 123	4	20
Methylene Chloride			0.0500	0.0496		mg/L		99	69 - 125	4	20
Styrene			0.0500	0.0541		mg/L		108	70 - 120	3	20
Tetrachloroethene			0.0500	0.0544		mg/L		109	70 - 128	3	20
Toluene			0.0500	0.0479		mg/L		96	70 - 125	3	20
trans-1,2-Dichloroethene			0.0500	0.0510		mg/L		102	70 - 125	4	20
trans-1,3-Dichloropropene			0.0500	0.0511		mg/L		102	62 - 128	4	20
Trichloroethene			0.0500	0.0522		mg/L		104	70 - 125	4	20
Vinyl chloride			0.0500	0.0483		mg/L		97	64 - 126	8	20
Xylenes, Total			0.100	0.103		mg/L		103	70 - 125	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*75 - 126*
4-Bromofluorobenzene (Surr)	*92*		*72 - 124*
Dibromofluoromethane	*95*		*75 - 120*
Toluene-d8 (Surr)	*103*		*75 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 500-819522/1-A
Matrix: Water
Analysis Batch: 819838

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819522

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0016		0.0016	0.00019	mg/L		05/29/25 14:08	06/02/25 10:32	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-819522/1-A
Matrix: Water
Analysis Batch: 819838

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819522

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	<0.0016		0.0016	0.00020	mg/L		05/29/25 14:08	06/02/25 10:32	1
1,3-Dichlorobenzene	<0.0016		0.0016	0.00017	mg/L		05/29/25 14:08	06/02/25 10:32	1
1,4-Dichlorobenzene	<0.0016		0.0016	0.00017	mg/L		05/29/25 14:08	06/02/25 10:32	1
2,2'-oxybis[1-chloropropane]	<0.0016		0.0016	0.00030	mg/L		05/29/25 14:08	06/02/25 10:32	1
2,4,5-Trichlorophenol	<0.0080		0.0080	0.0021	mg/L		05/29/25 14:08	06/02/25 10:32	1
2,4,6-Trichlorophenol	<0.0040		0.0040	0.00057	mg/L		05/29/25 14:08	06/02/25 10:32	1
2,4-Dichlorophenol	<0.0080		0.0080	0.0021	mg/L		05/29/25 14:08	06/02/25 10:32	1
2,4-Dimethylphenol	<0.0080		0.0080	0.0014	mg/L		05/29/25 14:08	06/02/25 10:32	1
2,4-Dinitrophenol	<0.016		0.016	0.0069	mg/L		05/29/25 14:08	06/02/25 10:32	1
2,4-Dinitrotoluene	<0.00080		0.00080	0.00020	mg/L		05/29/25 14:08	06/02/25 10:32	1
2,6-Dinitrotoluene	<0.00080		0.00080	0.000059	mg/L		05/29/25 14:08	06/02/25 10:32	1
2-Chloronaphthalene	<0.0016		0.0016	0.00019	mg/L		05/29/25 14:08	06/02/25 10:32	1
2-Chlorophenol	<0.0040		0.0040	0.00045	mg/L		05/29/25 14:08	06/02/25 10:32	1
2-Methylnaphthalene	<0.0016		0.0016	0.000052	mg/L		05/29/25 14:08	06/02/25 10:32	1
2-Methylphenol	<0.0016		0.0016	0.00024	mg/L		05/29/25 14:08	06/02/25 10:32	1
2-Nitroaniline	<0.0040		0.0040	0.0010	mg/L		05/29/25 14:08	06/02/25 10:32	1
2-Nitrophenol	<0.0080		0.0080	0.0020	mg/L		05/29/25 14:08	06/02/25 10:32	1
3 & 4 Methylphenol	<0.0016		0.0016	0.00036	mg/L		05/29/25 14:08	06/02/25 10:32	1
3,3'-Dichlorobenzidine	<0.0040		0.0040	0.0014	mg/L		05/29/25 14:08	06/02/25 10:32	1
3-Nitroaniline	<0.0080		0.0080	0.0014	mg/L		05/29/25 14:08	06/02/25 10:32	1
4,6-Dinitro-2-methylphenol	<0.016		0.016	0.0047	mg/L		05/29/25 14:08	06/02/25 10:32	1
4-Bromophenyl phenyl ether	<0.0040		0.0040	0.00043	mg/L		05/29/25 14:08	06/02/25 10:32	1
4-Chloro-3-methylphenol	<0.0080		0.0080	0.0018	mg/L		05/29/25 14:08	06/02/25 10:32	1
4-Chloroaniline	<0.0080		0.0080	0.0016	mg/L		05/29/25 14:08	06/02/25 10:32	1
4-Chlorophenyl phenyl ether	<0.0040		0.0040	0.00051	mg/L		05/29/25 14:08	06/02/25 10:32	1
4-Nitroaniline	<0.0080		0.0080	0.0013	mg/L		05/29/25 14:08	06/02/25 10:32	1
4-Nitrophenol	<0.016		0.016	0.0059	mg/L		05/29/25 14:08	06/02/25 10:32	1
Acenaphthene	<0.00080		0.00080	0.00025	mg/L		05/29/25 14:08	06/02/25 10:32	1
Acenaphthylene	<0.00080		0.00080	0.00021	mg/L		05/29/25 14:08	06/02/25 10:32	1
Anthracene	0.000309	J	0.00080	0.00027	mg/L		05/29/25 14:08	06/02/25 10:32	1
Benzo[a]anthracene	0.000707		0.00013	0.000045	mg/L		05/29/25 14:08	06/02/25 10:32	1
Benzo[a]pyrene	0.000489		0.00016	0.000079	mg/L		05/29/25 14:08	06/02/25 10:32	1
Benzo[b]fluoranthene	0.000711		0.00016	0.000065	mg/L		05/29/25 14:08	06/02/25 10:32	1
Benzo[g,h,i]perylene	0.000673	J	0.00080	0.00030	mg/L		05/29/25 14:08	06/02/25 10:32	1
Benzo[k]fluoranthene	0.000814		0.00016	0.000051	mg/L		05/29/25 14:08	06/02/25 10:32	1
Bis(2-chloroethoxy)methane	<0.0016		0.0016	0.00023	mg/L		05/29/25 14:08	06/02/25 10:32	1
Bis(2-chloroethyl)ether	<0.0016		0.0016	0.00023	mg/L		05/29/25 14:08	06/02/25 10:32	1
Bis(2-ethylhexyl) phthalate	<0.0080		0.0080	0.0014	mg/L		05/29/25 14:08	06/02/25 10:32	1
Butyl benzyl phthalate	<0.0016		0.0016	0.00038	mg/L		05/29/25 14:08	06/02/25 10:32	1
Carbazole	0.000387	J	0.0040	0.00028	mg/L		05/29/25 14:08	06/02/25 10:32	1
Chrysene	0.000840		0.00016	0.000055	mg/L		05/29/25 14:08	06/02/25 10:32	1
Dibenz(a,h)anthracene	0.000753		0.00024	0.000041	mg/L		05/29/25 14:08	06/02/25 10:32	1
Dibenzofuran	<0.0016		0.0016	0.00021	mg/L		05/29/25 14:08	06/02/25 10:32	1
Diethyl phthalate	<0.0040		0.0040	0.00029	mg/L		05/29/25 14:08	06/02/25 10:32	1
Dimethyl phthalate	<0.0040		0.0040	0.00025	mg/L		05/29/25 14:08	06/02/25 10:32	1
Di-n-butyl phthalate	<0.0040		0.0040	0.00058	mg/L		05/29/25 14:08	06/02/25 10:32	1
Di-n-octyl phthalate	<0.0080		0.0080	0.00084	mg/L		05/29/25 14:08	06/02/25 10:32	1
Fluoranthene	0.000448	J	0.00080	0.00036	mg/L		05/29/25 14:08	06/02/25 10:32	1
Fluorene	<0.00080		0.00080	0.00020	mg/L		05/29/25 14:08	06/02/25 10:32	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-819522/1-A
Matrix: Water
Analysis Batch: 819838

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819522

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobenzene	0.000277	J	0.00040	0.000064	mg/L		05/29/25 14:08	06/02/25 10:32	1
Hexachlorobutadiene	<0.0040		0.0040	0.00041	mg/L		05/29/25 14:08	06/02/25 10:32	1
Hexachlorocyclopentadiene	<0.016		0.016	0.0051	mg/L		05/29/25 14:08	06/02/25 10:32	1
Hexachloroethane	<0.0040		0.0040	0.00048	mg/L		05/29/25 14:08	06/02/25 10:32	1
Indeno[1,2,3-cd]pyrene	0.000676		0.00016	0.000060	mg/L		05/29/25 14:08	06/02/25 10:32	1
Isophorone	<0.0016		0.0016	0.00030	mg/L		05/29/25 14:08	06/02/25 10:32	1
Naphthalene	<0.00080		0.00080	0.00025	mg/L		05/29/25 14:08	06/02/25 10:32	1
Nitrobenzene	<0.00080		0.00080	0.00036	mg/L		05/29/25 14:08	06/02/25 10:32	1
N-Nitrosodi-n-propylamine	<0.00040		0.00040	0.00012	mg/L		05/29/25 14:08	06/02/25 10:32	1
N-Nitrosodiphenylamine	<0.0016		0.0016	0.00030	mg/L		05/29/25 14:08	06/02/25 10:32	1
Pentachlorophenol	<0.016		0.016	0.0032	mg/L		05/29/25 14:08	06/02/25 10:32	1
Phenanthrene	0.000399	J	0.00080	0.00024	mg/L		05/29/25 14:08	06/02/25 10:32	1
Phenol	<0.0040		0.0040	0.00054	mg/L		05/29/25 14:08	06/02/25 10:32	1
Pyrene	0.000483	J	0.00080	0.00034	mg/L		05/29/25 14:08	06/02/25 10:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*40 - 145*	*05/29/25 14:08*	*06/02/25 10:32*	*1*
2-Fluorobiphenyl	*82*		*34 - 110*	*05/29/25 14:08*	*06/02/25 10:32*	*1*
2-Fluorophenol (Surr)	*56*		*27 - 110*	*05/29/25 14:08*	*06/02/25 10:32*	*1*
Nitrobenzene-d5 (Surr)	*88*		*36 - 120*	*05/29/25 14:08*	*06/02/25 10:32*	*1*
Phenol-d5 (Surr)	*41*		*20 - 110*	*05/29/25 14:08*	*06/02/25 10:32*	*1*
Terphenyl-d14 (Surr)	*94*		*40 - 145*	*05/29/25 14:08*	*06/02/25 10:32*	*1*

Lab Sample ID: LCS 500-819522/2-A
Matrix: Water
Analysis Batch: 819838

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819522

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	0.0400	0.0270		mg/L		68	26 - 110
1,2-Dichlorobenzene	0.0400	0.0260		mg/L		65	26 - 110
1,3-Dichlorobenzene	0.0400	0.0257		mg/L		64	22 - 110
1,4-Dichlorobenzene	0.0400	0.0255		mg/L		64	23 - 110
2,2'-oxybis[1-chloropropane]	0.0400	0.0294		mg/L		74	38 - 140
2,4,5-Trichlorophenol	0.0400	0.0312		mg/L		78	63 - 124
2,4,6-Trichlorophenol	0.0400	0.0312		mg/L		78	62 - 121
2,4-Dichlorophenol	0.0400	0.0302		mg/L		75	58 - 120
2,4-Dimethylphenol	0.0400	0.0245		mg/L		61	51 - 115
2,4-Dinitrophenol	0.0800	0.0595		mg/L		74	37 - 130
2,4-Dinitrotoluene	0.0400	0.0332		mg/L		83	63 - 129
2,6-Dinitrotoluene	0.0400	0.0311		mg/L		78	63 - 129
2-Chloronaphthalene	0.0400	0.0289		mg/L		72	39 - 110
2-Chlorophenol	0.0400	0.0272		mg/L		68	59 - 110
2-Methylnaphthalene	0.0400	0.0311		mg/L		78	34 - 110
2-Methylphenol	0.0400	0.0260		mg/L		65	53 - 115
2-Nitroaniline	0.0400	0.0317		mg/L		79	59 - 138
2-Nitrophenol	0.0400	0.0291		mg/L		73	59 - 115
3 & 4 Methylphenol	0.0400	0.0250		mg/L		62	50 - 116
3,3'-Dichlorobenzidine	0.0400	0.0273		mg/L		68	60 - 132

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-819522/2-A
Matrix: Water
Analysis Batch: 819838

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819522

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3-Nitroaniline	0.0400	0.0298		mg/L		74	47 - 123
4,6-Dinitro-2-methylphenol	0.0800	0.0760		mg/L		95	50 - 129
4-Bromophenyl phenyl ether	0.0400	0.0310		mg/L		78	58 - 120
4-Chloro-3-methylphenol	0.0400	0.0302		mg/L		75	64 - 128
4-Chloroaniline	0.0400	0.0255		mg/L		64	35 - 128
4-Chlorophenyl phenyl ether	0.0400	0.0296		mg/L		74	48 - 116
4-Nitroaniline	0.0400	0.0316		mg/L		79	35 - 110
4-Nitrophenol	0.0800	0.0350		mg/L		44	20 - 110
Acenaphthene	0.0400	0.0294		mg/L		73	46 - 110
Acenaphthylene	0.0400	0.0300		mg/L		75	47 - 113
Anthracene	0.0400	0.0318		mg/L		79	67 - 118
Benzo[a]anthracene	0.0400	0.0299		mg/L		75	70 - 126
Benzo[a]pyrene	0.0400	0.0346		mg/L		87	70 - 135
Benzo[b]fluoranthene	0.0400	0.0334		mg/L		83	69 - 136
Benzo[g,h,i]perylene	0.0400	0.0334		mg/L		83	70 - 135
Benzo[k]fluoranthene	0.0400	0.0363		mg/L		91	70 - 133
Bis(2-chloroethoxy)methane	0.0400	0.0287		mg/L		72	59 - 118
Bis(2-chloroethyl)ether	0.0400	0.0249		mg/L		62	54 - 112
Bis(2-ethylhexyl) phthalate	0.0400	0.0323		mg/L		81	69 - 136
Butyl benzyl phthalate	0.0400	0.0330		mg/L		83	68 - 135
Carbazole	0.0400	0.0338		mg/L		85	61 - 145
Chrysene	0.0400	0.0288		mg/L		72	68 - 129
Dibenz(a,h)anthracene	0.0400	0.0336		mg/L		84	70 - 134
Dibenzofuran	0.0400	0.0301		mg/L		75	51 - 110
Diethyl phthalate	0.0400	0.0325		mg/L		81	62 - 123
Dimethyl phthalate	0.0400	0.0318		mg/L		80	63 - 122
Di-n-butyl phthalate	0.0400	0.0350		mg/L		87	69 - 129
Di-n-octyl phthalate	0.0400	0.0387		mg/L		97	68 - 137
Fluoranthene	0.0400	0.0338		mg/L		84	68 - 126
Fluorene	0.0400	0.0313		mg/L		78	53 - 120
Hexachlorobenzene	0.0400	0.0318		mg/L		80	61 - 126
Hexachlorobutadiene	0.0400	0.0269		mg/L		67	20 - 100
Hexachlorocyclopentadiene	0.0400	0.0207		mg/L		52	10 - 105
Hexachloroethane	0.0400	0.0266		mg/L		67	20 - 100
Indeno[1,2,3-cd]pyrene	0.0400	0.0342		mg/L		85	65 - 133
Isophorone	0.0400	0.0301		mg/L		75	54 - 127
Naphthalene	0.0400	0.0270		mg/L		67	36 - 110
Nitrobenzene	0.0400	0.0288		mg/L		72	54 - 121
N-Nitrosodi-n-propylamine	0.0400	0.0300		mg/L		75	47 - 131
N-Nitrosodiphenylamine	0.0400	0.0312		mg/L		78	66 - 120
Pentachlorophenol	0.0800	0.0660		mg/L		82	42 - 148
Phenanthrene	0.0400	0.0321		mg/L		80	65 - 120
Phenol	0.0400	0.0150		mg/L		37	33 - 100
Pyrene	0.0400	0.0292		mg/L		73	70 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*84*		*40 - 145*
2-Fluorobiphenyl	*72*		*34 - 110*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-819522/2-A
Matrix: Water
Analysis Batch: 819838

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819522

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorophenol (Surr)	52		27 - 110
Nitrobenzene-d5 (Surr)	74		36 - 120
Phenol-d5 (Surr)	37		20 - 110
Terphenyl-d14 (Surr)	79		40 - 145

Lab Sample ID: LCSD 500-819522/3-A
Matrix: Water
Analysis Batch: 819838

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 819522

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene			0.0400	0.0269		mg/L		67	26 - 110	0	20
1,2-Dichlorobenzene			0.0400	0.0266		mg/L		67	26 - 110	2	20
1,3-Dichlorobenzene			0.0400	0.0258		mg/L		64	22 - 110	0	20
1,4-Dichlorobenzene			0.0400	0.0260		mg/L		65	23 - 110	2	20
2,2'-oxybis[1-chloropropane]			0.0400	0.0305		mg/L		76	38 - 140	4	20
2,4,5-Trichlorophenol			0.0400	0.0333		mg/L		83	63 - 124	7	20
2,4,6-Trichlorophenol			0.0400	0.0324		mg/L		81	62 - 121	4	20
2,4-Dichlorophenol			0.0400	0.0307		mg/L		77	58 - 120	2	20
2,4-Dimethylphenol			0.0400	0.0236		mg/L		59	51 - 115	4	20
2,4-Dinitrophenol			0.0800	0.0611		mg/L		76	37 - 130	3	20
2,4-Dinitrotoluene			0.0400	0.0341		mg/L		85	63 - 129	3	20
2,6-Dinitrotoluene			0.0400	0.0323		mg/L		81	63 - 129	4	20
2-Chloronaphthalene			0.0400	0.0290		mg/L		72	39 - 110	0	20
2-Chlorophenol			0.0400	0.0281		mg/L		70	59 - 110	3	20
2-Methylnaphthalene			0.0400	0.0308		mg/L		77	34 - 110	1	20
2-Methylphenol			0.0400	0.0271		mg/L		68	53 - 115	4	20
2-Nitroaniline			0.0400	0.0331		mg/L		83	59 - 138	4	20
2-Nitrophenol			0.0400	0.0305		mg/L		76	59 - 115	5	20
3 & 4 Methylphenol			0.0400	0.0260		mg/L		65	50 - 116	4	20
3,3'-Dichlorobenzidine			0.0400	0.0266		mg/L		67	60 - 132	2	20
3-Nitroaniline			0.0400	0.0296		mg/L		74	47 - 123	1	20
4,6-Dinitro-2-methylphenol			0.0800	0.0772		mg/L		97	50 - 129	2	20
4-Bromophenyl phenyl ether			0.0400	0.0325		mg/L		81	58 - 120	5	20
4-Chloro-3-methylphenol			0.0400	0.0317		mg/L		79	64 - 128	5	20
4-Chloroaniline			0.0400	0.0249		mg/L		62	35 - 128	2	20
4-Chlorophenyl phenyl ether			0.0400	0.0304		mg/L		76	48 - 116	3	20
4-Nitroaniline			0.0400	0.0318		mg/L		79	35 - 110	1	20
4-Nitrophenol			0.0800	0.0374		mg/L		47	20 - 110	7	20
Acenaphthene			0.0400	0.0297		mg/L		74	46 - 110	1	20
Acenaphthylene			0.0400	0.0305		mg/L		76	47 - 113	2	20
Anthracene			0.0400	0.0322		mg/L		81	67 - 118	1	20
Benzo[a]anthracene			0.0400	0.0299		mg/L		75	70 - 126	0	20
Benzo[a]pyrene			0.0400	0.0363		mg/L		91	70 - 135	5	20
Benzo[b]fluoranthene			0.0400	0.0354		mg/L		89	69 - 136	6	20
Benzo[g,h,i]perylene			0.0400	0.0343		mg/L		86	70 - 135	3	20
Benzo[k]fluoranthene			0.0400	0.0370		mg/L		93	70 - 133	2	20
Bis(2-chloroethoxy)methane			0.0400	0.0291		mg/L		73	59 - 118	2	20
Bis(2-chloroethyl)ether			0.0400	0.0251		mg/L		63	54 - 112	1	20

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 500-819522/3-A
Matrix: Water
Analysis Batch: 819838

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 819522

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-ethylhexyl) phthalate	0.0400	0.0340		mg/L		85	69 - 136	5	20
Butyl benzyl phthalate	0.0400	0.0338		mg/L		84	68 - 135	2	20
Carbazole	0.0400	0.0334		mg/L		84	61 - 145	1	20
Chrysene	0.0400	0.0292		mg/L		73	68 - 129	1	20
Dibenz(a,h)anthracene	0.0400	0.0353		mg/L		88	70 - 134	5	20
Dibenzofuran	0.0400	0.0304		mg/L		76	51 - 110	1	20
Diethyl phthalate	0.0400	0.0337		mg/L		84	62 - 123	4	20
Dimethyl phthalate	0.0400	0.0320		mg/L		80	63 - 122	0	20
Di-n-butyl phthalate	0.0400	0.0361		mg/L		90	69 - 129	3	20
Di-n-octyl phthalate	0.0400	0.0409		mg/L		102	68 - 137	6	20
Fluoranthene	0.0400	0.0341		mg/L		85	68 - 126	1	20
Fluorene	0.0400	0.0313		mg/L		78	53 - 120	0	20
Hexachlorobenzene	0.0400	0.0323		mg/L		81	61 - 126	2	20
Hexachlorobutadiene	0.0400	0.0264		mg/L		66	20 - 100	2	20
Hexachlorocyclopentadiene	0.0400	0.0185		mg/L		46	10 - 105	11	20
Hexachloroethane	0.0400	0.0260		mg/L		65	20 - 100	2	20
Indeno[1,2,3-cd]pyrene	0.0400	0.0352		mg/L		88	65 - 133	3	20
Isophorone	0.0400	0.0315		mg/L		79	54 - 127	5	20
Naphthalene	0.0400	0.0270		mg/L		68	36 - 110	0	20
Nitrobenzene	0.0400	0.0291		mg/L		73	54 - 121	1	20
N-Nitrosodi-n-propylamine	0.0400	0.0308		mg/L		77	47 - 131	2	20
N-Nitrosodiphenylamine	0.0400	0.0316		mg/L		79	66 - 120	1	20
Pentachlorophenol	0.0800	0.0652		mg/L		81	42 - 148	1	20
Phenanthrene	0.0400	0.0327		mg/L		82	65 - 120	2	20
Phenol	0.0400	0.0152		mg/L		38	33 - 100	2	20
Pyrene	0.0400	0.0295		mg/L		74	70 - 126	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*87*		*40 - 145*
2-Fluorobiphenyl	*71*		*34 - 110*
2-Fluorophenol (Surr)	*53*		*27 - 110*
Nitrobenzene-d5 (Surr)	*76*		*36 - 120*
Phenol-d5 (Surr)	*38*		*20 - 110*
Terphenyl-d14 (Surr)	*77*		*40 - 145*

Lab Sample ID: MB 500-819978/1-A
Matrix: Water
Analysis Batch: 820020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819978

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.0016		0.0016	0.00019	mg/L		06/02/25 18:17	06/03/25 16:23	1
1,2-Dichlorobenzene	<0.0016		0.0016	0.00020	mg/L		06/02/25 18:17	06/03/25 16:23	1
1,3-Dichlorobenzene	<0.0016		0.0016	0.00017	mg/L		06/02/25 18:17	06/03/25 16:23	1
1,4-Dichlorobenzene	<0.0016		0.0016	0.00017	mg/L		06/02/25 18:17	06/03/25 16:23	1
2,2'-oxybis[1-chloropropane]	<0.0016		0.0016	0.00030	mg/L		06/02/25 18:17	06/03/25 16:23	1
2,4,5-Trichlorophenol	<0.0080		0.0080	0.0021	mg/L		06/02/25 18:17	06/03/25 16:23	1
2,4,6-Trichlorophenol	<0.0040		0.0040	0.00057	mg/L		06/02/25 18:17	06/03/25 16:23	1
2,4-Dichlorophenol	<0.0080		0.0080	0.0021	mg/L		06/02/25 18:17	06/03/25 16:23	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-819978/1-A
Matrix: Water
Analysis Batch: 820020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819978

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	<0.0080		0.0080	0.0014	mg/L		06/02/25 18:17	06/03/25 16:23	1
2,4-Dinitrophenol	<0.016		0.016	0.0069	mg/L		06/02/25 18:17	06/03/25 16:23	1
2,4-Dinitrotoluene	<0.00080		0.00080	0.00020	mg/L		06/02/25 18:17	06/03/25 16:23	1
2,6-Dinitrotoluene	<0.00080		0.00080	0.000059	mg/L		06/02/25 18:17	06/03/25 16:23	1
2-Chloronaphthalene	<0.0016		0.0016	0.00019	mg/L		06/02/25 18:17	06/03/25 16:23	1
2-Chlorophenol	<0.0040		0.0040	0.00045	mg/L		06/02/25 18:17	06/03/25 16:23	1
2-Methylnaphthalene	<0.0016		0.0016	0.000052	mg/L		06/02/25 18:17	06/03/25 16:23	1
2-Methylphenol	<0.0016		0.0016	0.00024	mg/L		06/02/25 18:17	06/03/25 16:23	1
2-Nitroaniline	<0.0040		0.0040	0.0010	mg/L		06/02/25 18:17	06/03/25 16:23	1
2-Nitrophenol	<0.0080		0.0080	0.0020	mg/L		06/02/25 18:17	06/03/25 16:23	1
3 & 4 Methylphenol	<0.0016		0.0016	0.00036	mg/L		06/02/25 18:17	06/03/25 16:23	1
3,3'-Dichlorobenzidine	<0.0040		0.0040	0.0014	mg/L		06/02/25 18:17	06/03/25 16:23	1
3-Nitroaniline	<0.0080		0.0080	0.0014	mg/L		06/02/25 18:17	06/03/25 16:23	1
4,6-Dinitro-2-methylphenol	<0.016		0.016	0.0047	mg/L		06/02/25 18:17	06/03/25 16:23	1
4-Bromophenyl phenyl ether	<0.0040		0.0040	0.00043	mg/L		06/02/25 18:17	06/03/25 16:23	1
4-Chloro-3-methylphenol	<0.0080		0.0080	0.0018	mg/L		06/02/25 18:17	06/03/25 16:23	1
4-Chloroaniline	<0.0080		0.0080	0.0016	mg/L		06/02/25 18:17	06/03/25 16:23	1
4-Chlorophenyl phenyl ether	<0.0040		0.0040	0.00051	mg/L		06/02/25 18:17	06/03/25 16:23	1
4-Nitroaniline	<0.0080		0.0080	0.0013	mg/L		06/02/25 18:17	06/03/25 16:23	1
4-Nitrophenol	<0.016		0.016	0.0059	mg/L		06/02/25 18:17	06/03/25 16:23	1
Acenaphthene	<0.00080		0.00080	0.00025	mg/L		06/02/25 18:17	06/03/25 16:23	1
Acenaphthylene	<0.00080		0.00080	0.00021	mg/L		06/02/25 18:17	06/03/25 16:23	1
Anthracene	<0.00080		0.00080	0.00027	mg/L		06/02/25 18:17	06/03/25 16:23	1
Benzo[a]anthracene	<0.00013		0.00013	0.000045	mg/L		06/02/25 18:17	06/03/25 16:23	1
Benzo[a]pyrene	<0.00016		0.00016	0.000079	mg/L		06/02/25 18:17	06/03/25 16:23	1
Benzo[b]fluoranthene	<0.00016		0.00016	0.000065	mg/L		06/02/25 18:17	06/03/25 16:23	1
Benzo[g,h,i]perylene	<0.00080		0.00080	0.00030	mg/L		06/02/25 18:17	06/03/25 16:23	1
Benzo[k]fluoranthene	<0.00016		0.00016	0.000051	mg/L		06/02/25 18:17	06/03/25 16:23	1
Bis(2-chloroethoxy)methane	<0.0016		0.0016	0.00023	mg/L		06/02/25 18:17	06/03/25 16:23	1
Bis(2-chloroethyl)ether	<0.0016		0.0016	0.00023	mg/L		06/02/25 18:17	06/03/25 16:23	1
Bis(2-ethylhexyl) phthalate	<0.0080		0.0080	0.0014	mg/L		06/02/25 18:17	06/03/25 16:23	1
Butyl benzyl phthalate	<0.0016		0.0016	0.00038	mg/L		06/02/25 18:17	06/03/25 16:23	1
Carbazole	<0.0040		0.0040	0.00028	mg/L		06/02/25 18:17	06/03/25 16:23	1
Chrysene	<0.00016		0.00016	0.000055	mg/L		06/02/25 18:17	06/03/25 16:23	1
Dibenz(a,h)anthracene	<0.00024		0.00024	0.000041	mg/L		06/02/25 18:17	06/03/25 16:23	1
Dibenzofuran	<0.0016		0.0016	0.00021	mg/L		06/02/25 18:17	06/03/25 16:23	1
Diethyl phthalate	<0.0040		0.0040	0.00029	mg/L		06/02/25 18:17	06/03/25 16:23	1
Dimethyl phthalate	<0.0040		0.0040	0.00025	mg/L		06/02/25 18:17	06/03/25 16:23	1
Di-n-butyl phthalate	<0.0040		0.0040	0.00058	mg/L		06/02/25 18:17	06/03/25 16:23	1
Di-n-octyl phthalate	<0.0080		0.0080	0.00084	mg/L		06/02/25 18:17	06/03/25 16:23	1
Fluoranthene	<0.00080		0.00080	0.00036	mg/L		06/02/25 18:17	06/03/25 16:23	1
Fluorene	<0.00080		0.00080	0.00020	mg/L		06/02/25 18:17	06/03/25 16:23	1
Hexachlorobenzene	<0.00040		0.00040	0.000064	mg/L		06/02/25 18:17	06/03/25 16:23	1
Hexachlorobutadiene	<0.0040		0.0040	0.00041	mg/L		06/02/25 18:17	06/03/25 16:23	1
Hexachlorocyclopentadiene	<0.016		0.016	0.0051	mg/L		06/02/25 18:17	06/03/25 16:23	1
Hexachloroethane	<0.0040		0.0040	0.00048	mg/L		06/02/25 18:17	06/03/25 16:23	1
Indeno[1,2,3-cd]pyrene	<0.00016		0.00016	0.000060	mg/L		06/02/25 18:17	06/03/25 16:23	1
Isophorone	<0.0016		0.0016	0.00030	mg/L		06/02/25 18:17	06/03/25 16:23	1
Naphthalene	<0.00080		0.00080	0.00025	mg/L		06/02/25 18:17	06/03/25 16:23	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 500-819978/1-A
Matrix: Water
Analysis Batch: 820020

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819978

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	<0.00080		0.00080	0.00036	mg/L		06/02/25 18:17	06/03/25 16:23	1
N-Nitrosodi-n-propylamine	<0.00040		0.00040	0.00012	mg/L		06/02/25 18:17	06/03/25 16:23	1
N-Nitrosodiphenylamine	<0.0016		0.0016	0.00030	mg/L		06/02/25 18:17	06/03/25 16:23	1
Pentachlorophenol	<0.016		0.016	0.0032	mg/L		06/02/25 18:17	06/03/25 16:23	1
Phenanthrene	<0.00080		0.00080	0.00024	mg/L		06/02/25 18:17	06/03/25 16:23	1
Phenol	<0.0040		0.0040	0.00054	mg/L		06/02/25 18:17	06/03/25 16:23	1
Pyrene	<0.00080		0.00080	0.00034	mg/L		06/02/25 18:17	06/03/25 16:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*40 - 145*	*06/02/25 18:17*	*06/03/25 16:23*	*1*
2-Fluorobiphenyl	*55*		*34 - 110*	*06/02/25 18:17*	*06/03/25 16:23*	*1*
2-Fluorophenol (Surr)	*40*		*27 - 110*	*06/02/25 18:17*	*06/03/25 16:23*	*1*
Nitrobenzene-d5 (Surr)	*62*		*36 - 120*	*06/02/25 18:17*	*06/03/25 16:23*	*1*
Phenol-d5 (Surr)	*29*		*20 - 110*	*06/02/25 18:17*	*06/03/25 16:23*	*1*
Terphenyl-d14 (Surr)	*70*		*40 - 145*	*06/02/25 18:17*	*06/03/25 16:23*	*1*

Lab Sample ID: LCS 500-819978/2-A
Matrix: Water
Analysis Batch: 820020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819978

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	0.0400	0.0276		mg/L		69	26 - 110
1,2-Dichlorobenzene	0.0400	0.0273		mg/L		68	26 - 110
1,3-Dichlorobenzene	0.0400	0.0263		mg/L		66	22 - 110
1,4-Dichlorobenzene	0.0400	0.0271		mg/L		68	23 - 110
2,2'-oxybis[1-chloropropane]	0.0400	0.0314		mg/L		79	38 - 140
2,4,5-Trichlorophenol	0.0400	0.0333		mg/L		83	63 - 124
2,4,6-Trichlorophenol	0.0400	0.0322		mg/L		81	62 - 121
2,4-Dichlorophenol	0.0400	0.0314		mg/L		78	58 - 120
2,4-Dimethylphenol	0.0400	0.0253		mg/L		63	51 - 115
2,4-Dinitrophenol	0.0800	0.0682		mg/L		85	37 - 130
2,4-Dinitrotoluene	0.0400	0.0364		mg/L		91	63 - 129
2,6-Dinitrotoluene	0.0400	0.0339		mg/L		85	63 - 129
2-Chloronaphthalene	0.0400	0.0292		mg/L		73	39 - 110
2-Chlorophenol	0.0400	0.0280		mg/L		70	59 - 110
2-Methylnaphthalene	0.0400	0.0310		mg/L		77	34 - 110
2-Methylphenol	0.0400	0.0272		mg/L		68	53 - 115
2-Nitroaniline	0.0400	0.0355		mg/L		89	59 - 138
2-Nitrophenol	0.0400	0.0302		mg/L		76	59 - 115
3 & 4 Methylphenol	0.0400	0.0268		mg/L		67	50 - 116
3,3'-Dichlorobenzidine	0.0400	0.0259		mg/L		65	60 - 132
3-Nitroaniline	0.0400	0.0316		mg/L		79	47 - 123
4,6-Dinitro-2-methylphenol	0.0800	0.0796		mg/L		100	50 - 129
4-Bromophenyl phenyl ether	0.0400	0.0320		mg/L		80	58 - 120
4-Chloro-3-methylphenol	0.0400	0.0338		mg/L		85	64 - 128
4-Chloroaniline	0.0400	0.0274		mg/L		69	35 - 128
4-Chlorophenyl phenyl ether	0.0400	0.0317		mg/L		79	48 - 116
4-Nitroaniline	0.0400	0.0345		mg/L		86	35 - 110

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 500-819978/2-A
Matrix: Water
Analysis Batch: 820020

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819978

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Nitrophenol	0.0800	0.0426		mg/L		53	20 - 110
Acenaphthene	0.0400	0.0303		mg/L		76	46 - 110
Acenaphthylene	0.0400	0.0312		mg/L		78	47 - 113
Anthracene	0.0400	0.0326		mg/L		82	67 - 118
Benzo[a]anthracene	0.0400	0.0308		mg/L		77	70 - 126
Benzo[a]pyrene	0.0400	0.0349		mg/L		87	70 - 135
Benzo[b]fluoranthene	0.0400	0.0339		mg/L		85	69 - 136
Benzo[g,h,i]perylene	0.0400	0.0322		mg/L		80	70 - 135
Benzo[k]fluoranthene	0.0400	0.0352		mg/L		88	70 - 133
Bis(2-chloroethoxy)methane	0.0400	0.0303		mg/L		76	59 - 118
Bis(2-chloroethyl)ether	0.0400	0.0257		mg/L		64	54 - 112
Bis(2-ethylhexyl) phthalate	0.0400	0.0352		mg/L		88	69 - 136
Butyl benzyl phthalate	0.0400	0.0349		mg/L		87	68 - 135
Carbazole	0.0400	0.0347		mg/L		87	61 - 145
Chrysene	0.0400	0.0327		mg/L		82	68 - 129
Dibenz(a,h)anthracene	0.0400	0.0347		mg/L		87	70 - 134
Dibenzofuran	0.0400	0.0320		mg/L		80	51 - 110
Diethyl phthalate	0.0400	0.0353		mg/L		88	62 - 123
Dimethyl phthalate	0.0400	0.0334		mg/L		83	63 - 122
Di-n-butyl phthalate	0.0400	0.0372		mg/L		93	69 - 129
Di-n-octyl phthalate	0.0400	0.0457		mg/L		114	68 - 137
Fluoranthene	0.0400	0.0360		mg/L		90	68 - 126
Fluorene	0.0400	0.0337		mg/L		84	53 - 120
Hexachlorobenzene	0.0400	0.0328		mg/L		82	61 - 126
Hexachlorobutadiene	0.0400	0.0272		mg/L		68	20 - 100
Hexachlorocyclopentadiene	0.0400	0.0270		mg/L		67	10 - 105
Hexachloroethane	0.0400	0.0273		mg/L		68	20 - 100
Indeno[1,2,3-cd]pyrene	0.0400	0.0345		mg/L		86	65 - 133
Isophorone	0.0400	0.0331		mg/L		83	54 - 127
Naphthalene	0.0400	0.0281		mg/L		70	36 - 110
Nitrobenzene	0.0400	0.0309		mg/L		77	54 - 121
N-Nitrosodi-n-propylamine	0.0400	0.0330		mg/L		83	47 - 131
N-Nitrosodiphenylamine	0.0400	0.0289		mg/L		72	66 - 120
Pentachlorophenol	0.0800	0.0702		mg/L		88	42 - 148
Phenanthrene	0.0400	0.0330		mg/L		82	65 - 120
Phenol	0.0400	0.0156		mg/L		39	33 - 100
Pyrene	0.0400	0.0299		mg/L		75	70 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*90*		*40 - 145*
2-Fluorobiphenyl	*72*		*34 - 110*
2-Fluorophenol (Surr)	*52*		*27 - 110*
Nitrobenzene-d5 (Surr)	*79*		*36 - 120*
Phenol-d5 (Surr)	*39*		*20 - 110*
Terphenyl-d14 (Surr)	*78*		*40 - 145*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 500-819978/3-A
Matrix: Water
Analysis Batch: 820020

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 819978

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	0.0400	0.0305		mg/L		76	26 - 110	10	20
1,2-Dichlorobenzene	0.0400	0.0296		mg/L		74	26 - 110	8	20
1,3-Dichlorobenzene	0.0400	0.0287		mg/L		72	22 - 110	9	20
1,4-Dichlorobenzene	0.0400	0.0288		mg/L		72	23 - 110	6	20
2,2'-oxybis[1-chloropropane]	0.0400	0.0341		mg/L		85	38 - 140	8	20
2,4,5-Trichlorophenol	0.0400	0.0366		mg/L		91	63 - 124	9	20
2,4,6-Trichlorophenol	0.0400	0.0349		mg/L		87	62 - 121	8	20
2,4-Dichlorophenol	0.0400	0.0343		mg/L		86	58 - 120	9	20
2,4-Dimethylphenol	0.0400	0.0322	*1	mg/L		81	51 - 115	24	20
2,4-Dinitrophenol	0.0800	0.0758		mg/L		95	37 - 130	11	20
2,4-Dinitrotoluene	0.0400	0.0403		mg/L		101	63 - 129	10	20
2,6-Dinitrotoluene	0.0400	0.0349		mg/L		87	63 - 129	3	20
2-Chloronaphthalene	0.0400	0.0317		mg/L		79	39 - 110	8	20
2-Chlorophenol	0.0400	0.0302		mg/L		75	59 - 110	7	20
2-Methylnaphthalene	0.0400	0.0344		mg/L		86	34 - 110	11	20
2-Methylphenol	0.0400	0.0302		mg/L		75	53 - 115	10	20
2-Nitroaniline	0.0400	0.0376		mg/L		94	59 - 138	6	20
2-Nitrophenol	0.0400	0.0327		mg/L		82	59 - 115	8	20
3 & 4 Methylphenol	0.0400	0.0281		mg/L		70	50 - 116	5	20
3,3'-Dichlorobenzidine	0.0400	0.0344	*1	mg/L		86	60 - 132	28	20
3-Nitroaniline	0.0400	0.0359		mg/L		90	47 - 123	13	20
4,6-Dinitro-2-methylphenol	0.0800	0.0874		mg/L		109	50 - 129	9	20
4-Bromophenyl phenyl ether	0.0400	0.0351		mg/L		88	58 - 120	9	20
4-Chloro-3-methylphenol	0.0400	0.0384		mg/L		96	64 - 128	13	20
4-Chloroaniline	0.0400	0.0328		mg/L		82	35 - 128	18	20
4-Chlorophenyl phenyl ether	0.0400	0.0335		mg/L		84	48 - 116	6	20
4-Nitroaniline	0.0400	0.0403		mg/L		101	35 - 110	16	20
4-Nitrophenol	0.0800	0.0438		mg/L		55	20 - 110	3	20
Acenaphthene	0.0400	0.0335		mg/L		84	46 - 110	10	20
Acenaphthylene	0.0400	0.0338		mg/L		84	47 - 113	8	20
Anthracene	0.0400	0.0366		mg/L		91	67 - 118	11	20
Benzo[a]anthracene	0.0400	0.0341		mg/L		85	70 - 126	10	20
Benzo[a]pyrene	0.0400	0.0386		mg/L		97	70 - 135	10	20
Benzo[b]fluoranthene	0.0400	0.0390		mg/L		98	69 - 136	14	20
Benzo[g,h,i]perylene	0.0400	0.0352		mg/L		88	70 - 135	9	20
Benzo[k]fluoranthene	0.0400	0.0372		mg/L		93	70 - 133	6	20
Bis(2-chloroethoxy)methane	0.0400	0.0333		mg/L		83	59 - 118	10	20
Bis(2-chloroethyl)ether	0.0400	0.0279		mg/L		70	54 - 112	8	20
Bis(2-ethylhexyl) phthalate	0.0400	0.0381		mg/L		95	69 - 136	8	20
Butyl benzyl phthalate	0.0400	0.0376		mg/L		94	68 - 135	7	20
Carbazole	0.0400	0.0400		mg/L		100	61 - 145	14	20
Chrysene	0.0400	0.0326		mg/L		81	68 - 129	0	20
Dibenz(a,h)anthracene	0.0400	0.0377		mg/L		94	70 - 134	8	20
Dibenzofuran	0.0400	0.0344		mg/L		86	51 - 110	7	20
Diethyl phthalate	0.0400	0.0381		mg/L		95	62 - 123	8	20
Dimethyl phthalate	0.0400	0.0367		mg/L		92	63 - 122	9	20
Di-n-butyl phthalate	0.0400	0.0406		mg/L		102	69 - 129	9	20
Di-n-octyl phthalate	0.0400	0.0493		mg/L		123	68 - 137	8	20

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 500-819978/3-A
Matrix: Water
Analysis Batch: 820020

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 819978

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoranthene			0.0400	0.0395		mg/L		99	68 - 126	9	20
Fluorene			0.0400	0.0356		mg/L		89	53 - 120	6	20
Hexachlorobenzene			0.0400	0.0354		mg/L		89	61 - 126	8	20
Hexachlorobutadiene			0.0400	0.0302		mg/L		75	20 - 100	10	20
Hexachlorocyclopentadiene			0.0400	0.0294		mg/L		73	10 - 105	8	20
Hexachloroethane			0.0400	0.0294		mg/L		74	20 - 100	8	20
Indeno[1,2,3-cd]pyrene			0.0400	0.0379		mg/L		95	65 - 133	9	20
Isophorone			0.0400	0.0363		mg/L		91	54 - 127	9	20
Naphthalene			0.0400	0.0303		mg/L		76	36 - 110	7	20
Nitrobenzene			0.0400	0.0323		mg/L		81	54 - 121	5	20
N-Nitrosodi-n-propylamine			0.0400	0.0346		mg/L		86	47 - 131	5	20
N-Nitrosodiphenylamine			0.0400	0.0352		mg/L		88	66 - 120	19	20
Pentachlorophenol			0.0800	0.0791		mg/L		99	42 - 148	12	20
Phenanthrene			0.0400	0.0361		mg/L		90	65 - 120	9	20
Phenol			0.0400	0.0160		mg/L		40	33 - 100	3	20
Pyrene			0.0400	0.0319		mg/L		80	70 - 126	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*105*		*40 - 145*
2-Fluorobiphenyl	*81*		*34 - 110*
2-Fluorophenol (Surr)	*56*		*27 - 110*
Nitrobenzene-d5 (Surr)	*88*		*36 - 120*
Phenol-d5 (Surr)	*39*		*20 - 110*
Terphenyl-d14 (Surr)	*87*		*40 - 145*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 500-819737/1-A
Matrix: Water
Analysis Batch: 820027

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 819737

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0030		0.0030	0.0013	mg/L		05/30/25 15:21	06/02/25 14:23	1
Arsenic	<0.0010		0.0010	0.00023	mg/L		05/30/25 15:21	06/02/25 14:23	1
Barium	<0.0025		0.0025	0.00073	mg/L		05/30/25 15:21	06/02/25 14:23	1
Beryllium	<0.0010		0.0010	0.00053	mg/L		05/30/25 15:21	06/02/25 14:23	1
Cadmium	<0.00050		0.00050	0.00017	mg/L		05/30/25 15:21	06/02/25 14:23	1
Chromium	<0.0050		0.0050	0.0011	mg/L		05/30/25 15:21	06/02/25 14:23	1
Cobalt	<0.0010		0.0010	0.00040	mg/L		05/30/25 15:21	06/02/25 14:23	1
Copper	<0.0020		0.0020	0.00050	mg/L		05/30/25 15:21	06/02/25 14:23	1
Iron	<0.10		0.10	0.047	mg/L		05/30/25 15:21	06/02/25 14:23	1
Lead	<0.00050		0.00050	0.00019	mg/L		05/30/25 15:21	06/02/25 14:23	1
Magnesium	<0.20		0.20	0.049	mg/L		05/30/25 15:21	06/02/25 14:23	1
Manganese	<0.0025		0.0025	0.00079	mg/L		05/30/25 15:21	06/02/25 14:23	1
Nickel	<0.0020		0.0020	0.00063	mg/L		05/30/25 15:21	06/02/25 14:23	1
Selenium	<0.0025		0.0025	0.00098	mg/L		05/30/25 15:21	06/02/25 14:23	1
Silver	<0.00050		0.00050	0.00012	mg/L		05/30/25 15:21	06/02/25 14:23	1
Thallium	<0.0020		0.0020	0.00057	mg/L		05/30/25 15:21	06/02/25 14:23	1
Vanadium	<0.0050		0.0050	0.0022	mg/L		05/30/25 15:21	06/02/25 14:23	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 500-819737/1-A
Matrix: Water
Analysis Batch: 820027

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 819737

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	<0.020		0.020	0.0069	mg/L		05/30/25 15:21	06/02/25 14:23	1

Lab Sample ID: LCS 500-819737/2-A
Matrix: Water
Analysis Batch: 820027

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 819737

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.500	0.540		mg/L		108	80 - 120
Arsenic	0.100	0.0980		mg/L		98	80 - 120
Barium	0.500	0.504		mg/L		101	80 - 120
Beryllium	0.0500	0.0524		mg/L		105	80 - 120
Cadmium	0.0500	0.0512		mg/L		102	80 - 120
Chromium	0.200	0.197		mg/L		98	80 - 120
Cobalt	0.500	0.527		mg/L		105	80 - 120
Copper	0.250	0.250		mg/L		100	80 - 120
Iron	1.00	1.04		mg/L		104	80 - 120
Lead	0.100	0.102		mg/L		102	80 - 120
Magnesium	10.0	10.6		mg/L		106	80 - 120
Manganese	0.500	0.509		mg/L		102	80 - 120
Nickel	0.500	0.501		mg/L		100	80 - 120
Selenium	0.100	0.101		mg/L		101	80 - 120
Silver	0.0500	0.0512		mg/L		102	80 - 120
Thallium	0.100	0.103		mg/L		103	80 - 120
Vanadium	0.500	0.508		mg/L		102	80 - 120
Zinc	0.500	0.501		mg/L		100	80 - 120

Lab Sample ID: 500-269008-1 MS
Matrix: Water
Analysis Batch: 820027

Client Sample ID: TMW-5-B08
Prep Type: Dissolved
Prep Batch: 819737

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0013	J	0.500	0.534		mg/L		107	75 - 125
Arsenic	0.013		0.100	0.108		mg/L		96	75 - 125
Barium	0.064		0.500	0.550		mg/L		97	75 - 125
Beryllium	<0.0010		0.0500	0.0497		mg/L		99	75 - 125
Cadmium	<0.00050		0.0500	0.0493		mg/L		99	75 - 125
Chromium	0.0062		0.200	0.191		mg/L		93	75 - 125
Cobalt	<0.0010		0.500	0.510		mg/L		102	75 - 125
Copper	0.00060	J	0.250	0.244		mg/L		97	75 - 125
Iron	<0.10		1.00	1.01		mg/L		101	75 - 125
Lead	<0.00050		0.100	0.0994		mg/L		99	75 - 125
Magnesium	5.5		10.0	15.4		mg/L		99	75 - 125
Manganese	0.028		0.500	0.534		mg/L		101	75 - 125
Nickel	0.0049		0.500	0.484		mg/L		96	75 - 125
Selenium	0.0012	J	0.100	0.0990		mg/L		98	75 - 125
Silver	<0.00050		0.0500	0.0499		mg/L		100	75 - 125
Thallium	<0.0020		0.100	0.101		mg/L		101	75 - 125
Vanadium	0.0076		0.500	0.506		mg/L		100	75 - 125
Zinc	<0.020		0.500	0.479		mg/L		96	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 500-269008-1 MSD
Matrix: Water
Analysis Batch: 820027

Client Sample ID: TMW-5-B08
Prep Type: Dissolved
Prep Batch: 819737

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.0013	J	0.500	0.529		mg/L		106	75 - 125	1	20
Arsenic	0.013		0.100	0.108		mg/L		95	75 - 125	0	20
Barium	0.064		0.500	0.543		mg/L		96	75 - 125	1	20
Beryllium	<0.0010		0.0500	0.0504		mg/L		101	75 - 125	2	20
Cadmium	<0.00050		0.0500	0.0494		mg/L		99	75 - 125	0	20
Chromium	0.0062		0.200	0.188		mg/L		91	75 - 125	2	20
Cobalt	<0.0010		0.500	0.509		mg/L		102	75 - 125	0	20
Copper	0.00060	J	0.250	0.242		mg/L		96	75 - 125	1	20
Iron	<0.10		1.00	1.01		mg/L		101	75 - 125	1	20
Lead	<0.00050		0.100	0.0976		mg/L		98	75 - 125	2	20
Magnesium	5.5		10.0	15.3		mg/L		98	75 - 125	1	20
Manganese	0.028		0.500	0.516		mg/L		98	75 - 125	3	20
Nickel	0.0049		0.500	0.480		mg/L		95	75 - 125	1	20
Selenium	0.0012	J	0.100	0.100		mg/L		99	75 - 125	1	20
Silver	<0.00050		0.0500	0.0494		mg/L		99	75 - 125	1	20
Thallium	<0.0020		0.100	0.0994		mg/L		99	75 - 125	2	20
Vanadium	0.0076		0.500	0.502		mg/L		99	75 - 125	1	20
Zinc	<0.020		0.500	0.479		mg/L		96	75 - 125	0	20

Lab Sample ID: 500-269008-1 DU
Matrix: Water
Analysis Batch: 820027

Client Sample ID: TMW-5-B08
Prep Type: Dissolved
Prep Batch: 819737

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Antimony	0.0013	J	<0.0030		mg/L		NC	20
Arsenic	0.013		0.0124		mg/L		3	20
Barium	0.064		0.0628		mg/L		2	20
Beryllium	<0.0010		<0.0010		mg/L		NC	20
Cadmium	<0.00050		<0.00050		mg/L		NC	20
Chromium	0.0062		<0.0050		mg/L		NC	20
Cobalt	<0.0010		<0.0010		mg/L		NC	20
Copper	0.00060	J	<0.0020		mg/L		NC	20
Iron	<0.10		<0.10		mg/L		NC	20
Lead	<0.00050		<0.00050		mg/L		NC	20
Magnesium	5.5		5.44		mg/L		0.9	20
Manganese	0.028		0.0266		mg/L		3	20
Nickel	0.0049		0.00219	F3	mg/L		76	20
Selenium	0.0012	J	0.00129	J	mg/L		4	20
Silver	<0.00050		<0.00050		mg/L		NC	20
Thallium	<0.0020		<0.0020		mg/L		NC	20
Vanadium	0.0076		0.00736		mg/L		4	20
Zinc	<0.020		<0.020		mg/L		NC	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 500-819657/12-A
Matrix: Water
Analysis Batch: 819899

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 819657

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		05/30/25 09:55	06/02/25 09:38	1

Lab Sample ID: LCS 500-819657/13-A
Matrix: Water
Analysis Batch: 819899

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 819657

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00198		mg/L		99	80 - 120

Lab Sample ID: MB 500-820063/12-A
Matrix: Water
Analysis Batch: 820238

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 820063

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000076	mg/L		06/03/25 10:20	06/04/25 08:40	1

Lab Sample ID: LCS 500-820063/13-A
Matrix: Water
Analysis Batch: 820238

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 820063

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.00197		mg/L		99	80 - 120

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 500-820047/1-A
Matrix: Water
Analysis Batch: 820157

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 820047

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	<0.0050		0.0050	0.0036	mg/L		06/03/25 09:31	06/03/25 18:40	1

Lab Sample ID: LCS 500-820047/2-A
Matrix: Water
Analysis Batch: 820157

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 820047

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.100	0.0970		mg/L		97	85 - 115

GC/MS VOA

Analysis Batch: 820266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269008-3	TB-1	Total/NA	Water	8260D	
500-269008-4	TMW-5-B08	Total/NA	Water	8260D	
500-269008-5	TMW-5-B15	Total/NA	Water	8260D	
500-269008-6	TMW-5-B22	Total/NA	Water	8260D	
MB 500-820266/8	Method Blank	Total/NA	Water	8260D	
LCS 500-820266/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 500-820266/5	Lab Control Sample Dup	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 819522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269008-6	TMW-5-B22	Total/NA	Water	3510C	
MB 500-819522/1-A	Method Blank	Total/NA	Water	3510C	
LCS 500-819522/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-819522/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 819621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269008-6	TMW-5-B22	Total/NA	Water	8270E	819522

Analysis Batch: 819838

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 500-819522/1-A	Method Blank	Total/NA	Water	8270E	819522
LCS 500-819522/2-A	Lab Control Sample	Total/NA	Water	8270E	819522
LCSD 500-819522/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	819522

Prep Batch: 819978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269008-4	TMW-5-B08	Total/NA	Water	3510C	
MB 500-819978/1-A	Method Blank	Total/NA	Water	3510C	
LCS 500-819978/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 500-819978/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 820020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269008-4	TMW-5-B08	Total/NA	Water	8270E	819978
MB 500-819978/1-A	Method Blank	Total/NA	Water	8270E	819978
LCS 500-819978/2-A	Lab Control Sample	Total/NA	Water	8270E	819978
LCSD 500-819978/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	819978

Metals

Prep Batch: 819657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269008-4	TMW-5-B08	Total/NA	Water	7470A	
500-269008-6	TMW-5-B22	Total/NA	Water	7470A	
MB 500-819657/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-819657/13-A	Lab Control Sample	Total/NA	Water	7470A	

Metals

Prep Batch: 819737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269008-1	TMW-5-B08	Dissolved	Water	3005A	
500-269008-2	TMW-5-B22	Dissolved	Water	3005A	
500-269008-4	TMW-5-B08	Total Recoverable	Water	3005A	
500-269008-6	TMW-5-B22	Total Recoverable	Water	3005A	
MB 500-819737/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 500-819737/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
500-269008-1 MS	TMW-5-B08	Dissolved	Water	3005A	
500-269008-1 MSD	TMW-5-B08	Dissolved	Water	3005A	
500-269008-1 DU	TMW-5-B08	Dissolved	Water	3005A	

Analysis Batch: 819899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269008-4	TMW-5-B08	Total/NA	Water	7470A	819657
500-269008-6	TMW-5-B22	Total/NA	Water	7470A	819657
MB 500-819657/12-A	Method Blank	Total/NA	Water	7470A	819657
LCS 500-819657/13-A	Lab Control Sample	Total/NA	Water	7470A	819657

Analysis Batch: 820027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269008-1	TMW-5-B08	Dissolved	Water	6020B	819737
500-269008-2	TMW-5-B22	Dissolved	Water	6020B	819737
500-269008-4	TMW-5-B08	Total Recoverable	Water	6020B	819737
500-269008-6	TMW-5-B22	Total Recoverable	Water	6020B	819737
MB 500-819737/1-A	Method Blank	Total Recoverable	Water	6020B	819737
LCS 500-819737/2-A	Lab Control Sample	Total Recoverable	Water	6020B	819737
500-269008-1 MS	TMW-5-B08	Dissolved	Water	6020B	819737
500-269008-1 MSD	TMW-5-B08	Dissolved	Water	6020B	819737
500-269008-1 DU	TMW-5-B08	Dissolved	Water	6020B	819737

Prep Batch: 820063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269008-1	TMW-5-B08	Dissolved	Water	7470A	
500-269008-2	TMW-5-B22	Dissolved	Water	7470A	
MB 500-820063/12-A	Method Blank	Total/NA	Water	7470A	
LCS 500-820063/13-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 820132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269008-4	TMW-5-B08	Total Recoverable	Water	6020B	819737

Analysis Batch: 820238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269008-1	TMW-5-B08	Dissolved	Water	7470A	820063
500-269008-2	TMW-5-B22	Dissolved	Water	7470A	820063
MB 500-820063/12-A	Method Blank	Total/NA	Water	7470A	820063
LCS 500-820063/13-A	Lab Control Sample	Total/NA	Water	7470A	820063

QC Association Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-269008-1

General Chemistry

Prep Batch: 820047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269008-4	TMW-5-B08	Total/NA	Water	9010C	
500-269008-6	TMW-5-B22	Total/NA	Water	9010C	
MB 500-820047/1-A	Method Blank	Total/NA	Water	9010C	
LCS 500-820047/2-A	Lab Control Sample	Total/NA	Water	9010C	

Analysis Batch: 820157

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-269008-4	TMW-5-B08	Total/NA	Water	9012B	820047
500-269008-6	TMW-5-B22	Total/NA	Water	9012B	820047
MB 500-820047/1-A	Method Blank	Total/NA	Water	9012B	820047
LCS 500-820047/2-A	Lab Control Sample	Total/NA	Water	9012B	820047

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-269008-1

Client Sample ID: TMW-5-B08

Lab Sample ID: 500-269008-1

Date Collected: 05/28/25 10:40
Matrix: Water
Date Received: 05/28/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			819737	S1Z	EET CHI	05/30/25 15:21 - 05/30/25 21:21 [1]
Dissolved	Analysis	6020B		1	820027	S1Z	EET CHI	06/02/25 14:28
Dissolved	Prep	7470A			820063	MJG	EET CHI	06/03/25 10:20 - 06/03/25 12:20 [1]
Dissolved	Analysis	7470A		1	820238	MJG	EET CHI	06/04/25 09:27

Client Sample ID: TMW-5-B22

Lab Sample ID: 500-269008-2

Date Collected: 05/28/25 12:30
Matrix: Water
Date Received: 05/28/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			819737	S1Z	EET CHI	05/30/25 15:21 - 05/30/25 21:21 [1]
Dissolved	Analysis	6020B		1	820027	S1Z	EET CHI	06/02/25 14:45
Dissolved	Prep	7470A			820063	MJG	EET CHI	06/03/25 10:20 - 06/03/25 12:20 [1]
Dissolved	Analysis	7470A		1	820238	MJG	EET CHI	06/04/25 09:29

Client Sample ID: TB-1

Lab Sample ID: 500-269008-3

Date Collected: 05/28/25 00:00
Matrix: Water
Date Received: 05/28/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	820266	PMF	EET CHI	06/04/25 23:32

Client Sample ID: TMW-5-B08

Lab Sample ID: 500-269008-4

Date Collected: 05/28/25 10:40
Matrix: Water
Date Received: 05/28/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	820266	PMF	EET CHI	06/04/25 23:56
Total/NA	Prep	3510C			819978	LG	EET CHI	06/02/25 18:17
Total/NA	Analysis	8270E		1	820020	W1T	EET CHI	06/03/25 19:43
Total Recoverable	Prep	3005A			819737	S1Z	EET CHI	05/30/25 15:21 - 05/30/25 21:21 [1]
Total Recoverable	Analysis	6020B		1	820027	S1Z	EET CHI	06/02/25 14:48
Total Recoverable	Prep	3005A			819737	S1Z	EET CHI	05/30/25 15:21 - 05/30/25 21:21 [1]
Total Recoverable	Analysis	6020B		15	820132	S1Z	EET CHI	06/03/25 13:13
Total/NA	Prep	7470A			819657	MJG	EET CHI	05/30/25 09:55 - 05/30/25 11:55 [1]
Total/NA	Analysis	7470A		1	819899	MJG	EET CHI	06/02/25 10:45
Total/NA	Prep	9010C			820047	AC	EET CHI	06/03/25 09:31 - 06/03/25 10:01 [1]
Total/NA	Analysis	9012B		1	820157	AC	EET CHI	06/03/25 18:44

Client Sample ID: TMW-5-B15

Lab Sample ID: 500-269008-5

Date Collected: 05/28/25 11:40
Matrix: Water
Date Received: 05/28/25 16:05

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	820266	PMF	EET CHI	06/05/25 00:21

Lab Chronicle

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-269008-1

Client Sample ID: TMW-5-B22

Date Collected: 05/28/25 12:30
Date Received: 05/28/25 16:05

Lab Sample ID: 500-269008-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	820266	PMF	EET CHI	06/05/25 00:45
Total/NA	Prep	3510C			819522	LG	EET CHI	05/29/25 14:08
Total/NA	Analysis	8270E		1	819621	H7CM	EET CHI	05/30/25 16:46
Total Recoverable	Prep	3005A			819737	S1Z	EET CHI	05/30/25 15:21 - 05/30/25 21:21 [1]
Total Recoverable	Analysis	6020B		1	820027	S1Z	EET CHI	06/02/25 14:50
Total/NA	Prep	7470A			819657	MJG	EET CHI	05/30/25 09:55 - 05/30/25 11:55 [1]
Total/NA	Analysis	7470A		1	819899	MJG	EET CHI	06/02/25 10:47
Total/NA	Prep	9010C			820047	AC	EET CHI	06/03/25 09:31 - 06/03/25 10:01 [1]
Total/NA	Analysis	9012B		1	820157	AC	EET CHI	06/03/25 18:44

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Accreditation/Certification Summary

Client: Terracon Consulting Eng & Scientists
Job ID: 500-269008-1
Project/Site: Bend Boulevard, East Moline, IL

Laboratory: Eurofins Chicago

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	100201	05-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	1,3-Dichloropropene, Total

Method Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-269008-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET CHI
6020B	Metals (ICP/MS)	SW846	EET CHI
7470A	Mercury (CVAA)	SW846	EET CHI
9012B	Cyanide, Total andor Amenable	SW846	EET CHI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CHI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI
7470A	Preparation, Mercury	SW846	EET CHI
9010C	Cyanide, Distillation	SW846	EET CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: Terracon Consulting Eng & Scientists
Project/Site: Bend Boulevard, East Moline, IL

Job ID: 500-269008-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-269008-1	TMW-5-B08	Water	05/28/25 10:40	05/28/25 16:05
500-269008-2	TMW-5-B22	Water	05/28/25 12:30	05/28/25 16:05
500-269008-3	TB-1	Water	05/28/25 00:00	05/28/25 16:05
500-269008-4	TMW-5-B08	Water	05/28/25 10:40	05/28/25 16:05
500-269008-5	TMW-5-B15	Water	05/28/25 11:40	05/28/25 16:05
500-269008-6	TMW-5-B22	Water	05/28/25 12:30	05/28/25 16:05

Eurofins Chicago
18410 Crossing Drive Suite E
Tinley Park, IL 60487
Phone 708-534-5200 Fax: 708-534-5211

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: DGH	Lab PM: Knapp, Jim D	Carrier Tracking No(s):	COC No: 500-136972-52720 7
Client Contact: Dominick Gagliano	Phone	E-Mail: Jim Knapp@et eurofinsus com	State of Origin: IL	Page: Page 1 of 1
Company: Terracon Consulting Eng & Scientists	PWSID:			Job #: 500-269008
Address: 192 Exchange Blvd	Due Date Requested: STANDARD			
City: Glendale Heights	TAT Requested (days): STANDARD TURN			
State, Zip: IL, 60139	Compliance Project: Δ Yes Δ No			
Phone: 630-445-0203(Tel)	PO #: 11247243B			
Email: Dominick Gagliano@terracon com	WO #:			
Project Name: Bend Boulevard, East Moline, IL	Project #: 50024921			
Site: 11247243B	SSOW#:			

Analysis Requested

500-269008 COC

Preservation Codes
PL - MeOH/NaHS04
N None
A HCL
D HNO3
B NaOH

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	TAL metals (Filtered)	VOCs	SVOCs	Cyanide	TAL metals	Total Number of containers	Special Instructions/Note:
				Preservation Code:										
1	TMW-5-B08 (field filtered)	5-28-25	1040	G	Water	N		X						* TAL metals
2	TMW-5-B22 (field filtered)	5-28-25	1230	G	Water	N		X						NO (Al, K, Na, Ca)
3	TB-1	5-28-25	—	G	Water	N			X					
4	TMW-5-B08	5-28-25	1040	G	Water	N			X	X	X	X		
5	TMW-5-B15	5-28-25	1140	G	Water	N			X					
6	TMW-5-B22	5-28-25	1230	G	Water	N			X	X	X	X		

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1		5-28-25 1605	Terracon		05-28-25 1605	
2						
3						

Custody Seals Intact	Custody Seal No	Cooler Temperature(s) °C and Other Remarks
Δ Yes Δ No		5.5-5.8 Heat

Login Sample Receipt Checklist

Client: Terracon Consulting Eng & Scientists

Job Number: 500-269008-1

Login Number: 269008

List Source: Eurofins Chicago

List Number: 1

Creator: Hernandez, Stephanie

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX E

PESA Excerpts

> applicable regulatory authority or that has met unrestricted use criteria established by a regulatory authority, in both cases without subjecting the property to any required controls.

A controlled recognized environmental condition is considered a recognized environmental condition under ASTM E1527-13. The Environmental Professional must determine, based on current standards, whether a historical recognized environmental condition is considered a recognized environmental condition at the time of the Phase I ESA or PESA.

De minimis conditions, which generally do not present a threat to human health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies, are not recognized environmental conditions. Environmental conditions identified by this investigation are presented below.

FORMER CASE MANUFACTURING PLANT, 1100 3RD STREET, EAST MOLINE (SITES 1-7)

The Case Plant previously occupied 156 acres and covered most of the project area. Site development began in 1927, and demolition occurred in 2006. Numerous site investigations were conducted by multiple consultants between 2004 and 2014, as previously described, to evaluate RECs identified in the 2004 Phase I ESA for the entire Case Plant.

The Case Plant was enrolled in the SRP (LPC# 1618100016) in 2011. Due to the large footprint of the Case Plant, widespread contamination, and developer plans, remediation was divided into multiple phases. Case Plant (CNH) Parcel 1 and CNH Parcel 4 boundaries are shown in the NFR Areas and Estimate 2004 REC Location Map in Appendix A.

A focused NFR letter for release of 40 acres of the southwest portion of the former Case Plant (IEPA ID 1618100016) from the SRP was recorded on March 20, 2013. This 2013 NFR letter was designated for CNH Parcel 1 of the Case Plant, west and outside of the project area. It is not discussed herein but is available in the IEPA Document Explorer.

HYATT PLACE AND PARKING LOT, 111 BEND BOULEVARD AND VACANT CORRIDOR (SITES 1-3)

A focused NFR letter for release of 13 acres of the former Case plant (IEPA ID 1618100016) from the SRP was recorded on July 15, 2014. A map attached to the NFR designates the 2014, 13-acre release area as CNH Parcel 4 (Portions of Sites 1, 2 and 3). No Tier 1 residential exceedances were identified in soil samples. The following groundwater contaminants of concern were identified: VOCs, SVOCs, heavy metals and other inorganics, pesticides and PCBs. A copy of the NFR letter is included in Appendix G.

The following preventative control is included in the 2014 CNH Parcel 4 (Portions of Sites 1, 2 and 3) NFR Letter:

> *"At a minimum, a safety plan should be developed to address possible worker exposure in the event that any future excavation and construction activities may occur within the contaminated soil. Any excavation within the contaminated soil will require implementation of a safety plan consistent with NIOSH Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities, OSHA regulations (particularly in 29 CFR 1910 and 1926), state and local regulations, and other USEPA guidance. Soil excavated below three (3) feet*

must be returned to the same depth from which it was excavated or properly managed or disposed in accordance with applicable state and federal regulations."

The following institutional controls are included in the 2014 CNH Parcel 4 (Portions of Sites 1, 2 and 3) NFR letter:

- Any existing buildings or future buildings constructed on the site must contain a full concrete slab-on-grade floor or full concrete basement floor and walls with no sumps.
- Installation and use of potable water supply wells is prohibited per a groundwater ordinance (99-9 adopted by the City on March 1, 1999) for the entire City of East Moline.

Existing contamination and institutional controls for Sites 1, 2 and 3 are considered a CREC.

A summary of current side conditions based on site reconnaissance is listed below.

- Sites 1, 2, and 3 were developed between 2017 and 2023. These sites contain Hyatt Place, parking lots, sidewalks and landscaping. Underground utility corridors and street lighting were present along roadways. New box transformers in good working condition were present. No concrete staining, soil staining or stressed vegetation were observed at these sites. No water sheens (in stormwater drainage areas) or were observed. A natural gas odor was present at Site 3 at the corner of Bend Boulevard and Mississippi Parkway. All sites were well kept.

BEND XPO AND MY PLACE HOTEL, 922 MISSISSIPPI PARKWAY, EAST MOLINE (SITE 4)

The project area overlaps 6.8 acres of this 22-acre property, located in the southwest portion of the project area. Site 4 consisted of the Bend Xpo building, a large storage building, My Place Hotel, landscaping, parking, a grassed wetland swale, and a grassed field. Stormwater, water and electric infrastructure and street lighting were present. New transformers in good working condition were present. No concrete staining was observed. No sheen on the water was observed in the swale on the northern border.

Site 4 was part of the former Case Plant but was not included in CNH Parcel 1 or CNH Parcel 4 remediation areas. A focused NFR letter was requested for this 22-acre site on April 2, 2020, within an SRP application. The contaminant of concern indicated was volatiles and a remedial action completion report was project to be submitted by June 15, 2020. No documentation of a final NFR letter was found. A copy of the request is included in Appendix G.

FORMER CASE MANUFACTURING PLANT, 1100 3RD STREET, EAST MOLINE (SITE 5)

Site 5 was a combination of bare soil, asphalt access roads, concrete pads and earthen or gravel stockpiles and discarded concrete placed sporadically. Large puddles of water were present in several areas. Surface water was observed in multiple places on the site, above ground and below ground. A low area of less than 0.1-acre was present near the termination of Bend Boulevard. No water was present in the low area. A small corner on the east side of the site was occupied by MJ Electric.

- No sheens were present. A natural gas odor was present at the corner of Bend Boulevard and Mississippi Parkway. De minimis staining was present on one concrete pad on the west

side of the site. It was rust and gray colored, not indicative of petroleum products. Stressed vegetation could not be discerned since plants were dead due to cold conditions.

- Three (3) large soil stockpiles were present on Site 5. Soil stockpile 1 was in the southwest corner, north of Bend Xpo. This was likely placed during construction of the adjacent stormwater swale. The pile and surrounding area were approximately 90% vegetated with grass. One (1) area of discarded construction debris was present on the south side. Soil stockpile 2 was in the northeast corner. It was vegetated with grass and trees. A small pile of chopped tree trunks was present on the northwest side. Concrete barricade blocks were lined against the west side of the pile, which bordered an asphalt access road. Soil stockpile 3 was in the southeast corner. Small, more recent soil stockpiles were placed at the north end of the large stockpile. Ponded surface water was present in this area. The water was murky but indicative of soil disturbance from wind the day of site reconnaissance. No sheens or odors were observed.
- Three areas of broken concrete were present on Site 5. An area of four (4) piles was grouped on the southern property boundary adjacent to Site 4. One (1) was on the northeast corner of the site and one (1) was in the southeast corner of the site. No stains were visible on the concrete.
- Asphalt access roads were present in the configuration of remnants of the former Case Plant. Roads were in poor condition and not maintained. Dirt access roads were also present. Several storm drain inlets were present on the north-south asphalt access road on the east side of the site.
- The north side of the site was bounded by a levee and the Great River trail.

A comment letter was sent to the property owner from IEPA- SRP on December 5, 2018. No further documentation was found.

This site is considered a REC due to historical use and existing contamination.

G-MAC AUTOMATIC DOOR AND HARDWARE (SITE 6), 695 7TH ST, EAST MOLINE, IL 61244

This 21.2-acre property is located on the northeast side of the project area. It is currently owned by M&L Properties and occupied by G-Mac Automatic Door and Hardware and a geotechnical drilling company.

Site 6 consists of a forested area, a large, grassed field, commercial building and fenced in industrial storage yard. The building was constructed between 1986 and 1994 based on a review of aerial photography. The non-vegetated areas are concrete, gravel and dirt and used for parking in addition to outdoor storage. The north and east sides are bordered by levees. Items in the industrial yard during site reconnaissance included large equipment, multiple trailers, four (4) above ground storage tanks containing propane, brine, and potassium acetate, an abandoned truck, plastic tubing, a dumpster, jet skis, boats, a large pile of recently discarded wood electric poles and items related to electric distribution work. This is not an all-inclusive list due to the number of items in the storage yard. No soil staining, stained concrete or stressed vegetation were observed. Based on the Arcadis Phase I ESA, this site was formerly used as a paint chip area and was a suspected foundry sand area with respect to the former Case Plant. Chemical storage and industrial use of this site are

considered RECs. Furthermore, soil contamination on the adjacent property may have spread to this site.

The building on this site may contain friable ACM as a component of floor tiles, wall and pipe insulation, roof materials, patching or painting compounds, ceiling materials, or stove and furnace insulation. Lead-based paint was banned for residential use in the United States in 1978 but not for industrial and commercial buildings. Therefore, lead-based paint may be present in the building. The potential presence of ACMs and lead-based paint is considered a de minimis condition.

BARNHART CRANE AND RIGGING (SITE 7), 801 7TH ST, EAST MOLINE, IL 61244

This 10.9-acre property is located on the east side of the project area. It is currently owned and occupied by Barnhart Crane and Rigging. Barnhart provides lifting and transportation services, including crane services and industrial moving, in the chemical process, nuclear, power generation and petroleum refining industries. It was previously owned by TJ Cattani and Son, Inc. and used for similar purposes. It was labeled as an area for “releasing operations” with respect to the Case Plant. No further information was provided.

The site consists of a large building, concrete parking lots, large gravel areas, and indoor storage and outdoor storage of heavy machinery and materials. The building was constructed between 1986 and 1994. The inside of the building was not inspected. Inside and outside storage can also be rented at this site. It is unknown if equipment maintenance occurs onsite. Approximately 8- 12 tanks, not in use, were stored on the east side of the site, near 7th Street. These tanks may possibly be used for compressed gas, water or chemicals, likely offsite. One (1) large AST with a pump handle was present on the south side of the site, likely containing diesel fuel for equipment. The property was well kept. No areas of stunted vegetation were observed during site reconnaissance and no signs of stressed vegetation were observed during a streetside review using google earth or in aerial review, other than typical transportation use of the site. No concrete or soil staining was observed.

The historic use of the site in relation to operation of the Case Plant and the operation of multiple industrial facilities adjacent to the south are considered RECs for this site. Active use of a diesel fuel AST onsite with no signs of a release is considered a de minimis condition. The building on this site may contain friable ACM as a component of floor tiles, wall and pipe insulation, roof materials, patching or painting compounds, ceiling materials, or stove and furnace insulation. Lead-based paint was banned for residential use in the United States in 1978 but not for industrial and commercial buildings. Therefore, lead-based paint may be present in the building. The potential presence of ACMs and lead-based paint is considered a de minimis condition.

RESIDENTIAL (SITES 8-14), MULTIPLE ADDRESSES

These properties are located on the northeast side of the project area and are all less than 0.5 acre. Owners and addresses are included in a table at the end of this report. Site 8 contains houses, sheds, garages, alleys, and grassed yards. All properties were bordered by a tree line and levee on their west side. Buildings were constructed between 1926 and 2021. They are not listed on any regulatory databases. No concerns were noted within the project area during site reconnaissance.

The buildings on these sites may contain friable ACM as a component of floor tiles, wall and pipe insulation, roof materials, patching or painting compounds, ceiling materials, or stove and furnace