DRAFT

FILL MATERIAL SAMPLING REPORT

7415 NETT STREET
DETROIT, WAYNE COUNTY, MICHIGAN 48213

NOVEMBER 6, 2025
REVISED DECEMBER 12, 2025

PREPARED FOR:
THE CITY OF DETROIT DEMOLITION DEPARTMENT
1301 THIRD STREET, SUITE 606
DETROIT, MICHIGAN 48226

Mannik Smith GROUP

Fill Material Sampling Report

7415 Nett Street
Detroit, Wayne County, Michigan 48213

Prepared By: _____

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Reviewed By: _____

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Senior Project Manager

Mannik Smith Group

EXECUTIVE SUMMARY

The Mannik & Smith Group, Inc. (MSG) was retained by the City of Detroit (COD) to perform sampling and analysis of fill materials at the property commonly addressed as 7415 Nett Street, Detroit, Wayne County, Michigan (hereinafter, the "Site"). The Site location, as referenced to nearby roads and major geographic features, is shown on Figure *1, Site Location Map*. *Figure 2, Site Layout,* depicts the current layout of the Site.

This Executive Summary is provided to summarize the results of the work performed at the Site. The Executive Summary is general in nature and should not be used to replace or be considered apart from the entirety of this report.

The purpose of the work was to assist the COD's blight remediation efforts with the sampling and analysis of fill material at the Site through soil sample collection from pre-determined depths, as described in the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025. Sample analyses associated with this work included volatile organic compounds (VOCs); semivolatile organic compounds (SVOCs); polychlorinated biphenyls (PCBs); arsenic, barium, cadmium, chromium, copper, lead, mercury, selenium, silver, and zinc (10 Michigan metals); chloride; herbicides; and pesticides. Analytical results were compared to the current generic residential cleanup criteria (GRCC) promulgated under Part 201 of the *Natural Resources and Environmental Protection Act* (NREPA), 1994 P.A. 451, as amended (Part 201).

Pursuant to a request by the COD, MSG has completed sampling and analysis of fill material at the Site, as described in the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025. Results of this work, which are subject to the limitations presented in *Appendix A, Limitations,* incorporated by reference herewith, revealed the following:

- The stratigraphy encountered during soil boring advancement of 7415 SB01, 7415 SB02, and 7415 SB03 generally consisted of one to two feet of brown silty clay with some sand underlain by blackish brown silty clay to six feet below ground surface (bgs), the maximum depth explored for this investigation. Field photoionization detector (PID) readings of the recovered soil cores ranged from 0.0 to 35.1 parts per million (ppm). There were no visual (staining) and/or olfactory (e.g., petroleum-like odors) indications of contamination observed during soil sampling activities; however, concrete, brick, and asphalt was observed in 7415 SB01 and 7415 SB02.
- Concentrations of arsenic were detected in soil sample 7415 SB03 (1-2') in excess of its respective Part 201 drinking water protection criteria (DWPC), groundwater surface water interface protection criteria (GSIPC), and direct contact criteria (DCC).
- Concentrations of 1,2,4-trimethylbenzene were detected in soil sample 7415 SB01 (3-4') in excess of its respective soil volatilization to indoor air pathway (SVIAP) and/or recommended interim action screening level (RIASL).
- Concentrations of 1,2,4-trimethylbenzene, 4,4-DDD, 4,4-DDE, 4,4-DDT, acetate, acetone, acenaphthene, alpha-chlordane, anthracene, barium, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluornathene, benzo(g,h,i)perylene, benzo(a)pyrene, bis(2-ethylhexyl)phthalate, chlordane, chloride, chromium (Total), chrysene, copper, dibenzofuran, fluoranthene, fluorene, gamma-chlordane, indeno(1,2,3-cd)pyrene, lead, mercury, phenanthrene, pyrene, total xylenes, and zinc were detected in soil samples 7415 SB01 (3-4'), 7415 SB02 (5-6'), 7415 SB03 (1-2'), and/or 7415 Nett SB03 (5-6')-R at concentrations above laboratory method detection limits; however, detected concentrations were below their respective Part 201 GRCC and/or Statewide Default Background Levels.
- Toxicity Characteristic Leaching Procedure (TCLP) laboratory analytical results revealed that concentrations of arsenic were not in excess of *40 C.F.R. § 261.24 Title 40 - Protection of Environment, Chapter I - Environmental Protection Agency, Subchapter I - Solid Wastes, Part 261- Identification and Listing of Hazardous Waste, Subpart C - Characteristics of Hazardous Waste.*

- PCBs were not detected above laboratory method detection reporting limits.
- Groundwater was not encountered during soil boring activities completed as part of this investigation. Groundwater is not utilized as drinking water at or near the Site, as municipal water is supplied via the COD, and the general geology of the Site and surrounding area consists of fill materials underlain by clay overlying bedrock. Therefore, the drinking water (DW) exposure pathway can be considered not applicable. Additionally, groundwater was not encountered during this investigation to transport contaminants to either storm sewers or surface water and the clay layer also inhibits migration. Therefore, the groundwater surface water exposure pathway can be considered not applicable. Since the building on site has been razed, the SVIAP and/or RIASL are not currently complete; however, consideration may need to be given to this pathway if future construction is planned. Given that the site is residential, exceedances of DCC may merit further consideration.

MSG has evaluated the analytical results of the fill material. Based upon the analytical results, we have determined that the material is contaminated above the state's Part 201 GRCC, as applicable.

MSG warrants that no substantive information or documentation was deleted, omitted, or changed that would otherwise cause the MSG to reach a different conclusion. Furthermore, MSG understands that the COD and its agencies and authorities may rely upon the overall completeness, accuracy, and conclusions in this report and hereby provides reliance on the contents presented herein.

TABLE OF CONTENTS

1.0 INTRODUCTION

The Mannik & Smith Group, Inc. (MSG) was retained by the City of Detroit (COD) to conduct sampling and analysis of fill materials at the property commonly addressed as 7415 Nett Street, Detroit, Wayne County, Michigan (hereinafter, the "Site"). The Site location as referenced to nearby roads and major geographic features is presented as *Figure 1, Site Location Map*. *Figure 2, Site Layout,* depicts the current layout of the Site.

The purpose of this work was to assist the COD's blight remediation efforts with the sampling and analysis of fill material at the Site through soil sample collection from pre-determined depths. The scope of work for this investigation was performed in general accordance with the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025. This report presents the findings of this investigation. Soil samples were collected by MSG on August 13, 2025. The findings of this report are valid as of the report date, subject to the limitations presented in *Appendix A, Limitations*.

At the time of this investigation, the Site was vacant and formerly occupied by residential structures. Former Site building(s) had been demolished as part of the Blight Removal Program prior to commencement of this work.

2.0 PURPOSE AND SCOPE OF WORK

The purpose of the work was to assist the COD's blight remediation efforts with the sampling and analysis of fill material at the Site through soil sample collection from pre-determined depths, as described in the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025, and modified in the field (when necessary) based on encountered conditions and professional judgment of the MSG field geologist.

MSG performed the following scope of work in general accordance with the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025:

- Advanced three (3) onsite soil borings to a maximum depth of six (6) feet below ground surface (bgs) utilizing a direct push drill rig at the locations depicted on Figure 2.
- Collected one (1) discrete soil sample for laboratory analysis from each soil boring at a depth of 1-2 feet bgs, 3-4 feet bgs, or 5-6 feet bgs, depending on the soil boring.
- Submitted soil samples to an independent analytical laboratory for chemical analysis.
- Prepared this report summarizing the activities and results of this work.

Per the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025, sample analyses included volatile organic compounds (VOCs); semivolatile organic compounds (SVOCs); polychlorinated biphenyls (PCBs); arsenic, barium, cadmium, chromium, copper, lead, mercury, selenium, silver, and zinc (10 Michigan metals); chloride; herbicides; and pesticides. Soil sample analytical results were compared to the current generic residential cleanup criteria (GRCC) promulgated under Part 201 of the *Natural Resources and Environmental Protection Act* (NREPA), 1994 P.A. 451, as amended (Part 201).

3.0 SITE ASSESSMENT METHODOLOGY

The following subsections describe the methodologies employed by MSG at the Site during sampling activities that were conducted on August 13, 2025, October 8, 2025, and October 27, 2025. Daily field activity reports prepared by MSG are presented in *Appendix B, Daily Field Reports.*

3.1 Preliminary Site Work Activities

Prior to conducting subsurface soil sampling activities, MSG contacted the MISSDIG utility locating system to identify and physically mark underground utilities. If necessary, proposed soil boring locations were modified based on the results of the utility markings. Additionally, MSG reviewed readily available Site building records

or documents to ensure that this scope of work was conducted on the correct property and in the areas of the former Site structure.

3.2 Soil Sample Collection

The sampling plan for the Site was based on the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025, and modified in the field (if necessary) based on encountered conditions and professional judgment of MSG's field personnel. MSG advanced three (3) initial soil borings, designated 7415 SB01, 7415 SB02, and 7415 SB03, using a direct push drill rig at the locations depicted on Figure 2. Photographs collected during completion of this work are provided in *Appendix C, Investigation Photographs*.

Soils were continuously profiled at each soil boring location from the ground surface to the termination depth of six feet bgs using a 5-foot long, closed-piston Macro-Core® sampling device. A new disposable high-density polyethylene (HDPE) liner was placed within the sampler between each 5-foot sample interval. The recovered soil samples were examined and logged in the field by the MSG field geologist. The soils were classified by MSG's field geologist in general accordance with *ASTM D 2488, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure*). Soil descriptions were based on visual examination and interpretation by the field geologist.

Soil samples were examined for visual and olfactory indications of impact in accordance with the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025, and were continuously screened upon retrieval of each sample interval with a MiniRAE 10.6 electron volt (eV) photoionization detector (PID) calibrated with isobutylene span gas. The PID measures the concentration of airborne ionizable gasses and vapors and automatically displays any detected concentrations in parts per million (ppm). The PID measures total concentrations of VOC vapors present and cannot distinguish between individual VOC constituents. PID readings for each sample interval were recorded on the individual soil boring logs, which are included in *Appendix D, Soil Boring Logs.*

Soil samples were collected in general accordance with the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025. The soil samples were placed into appropriate pre-preserved and unpreserved laboratory-supplied sample containers, as appropriate for the associated laboratory analyses. Soil samples collected for VOC analysis were placed in laboratory supplied pre-tared 40-milliliter (ml) vials with septum sealed threaded caps that were pre-preserved with methanol provided by the analytical laboratory. Groundwater was not encountered during the investigation.

3.3 Toxicity Characteristic Leaching Procedure (TCLP) Soil Sample Collection

On October 8, 2025, MSG mobilized to the Site to collect an additional soil sample based on request from the COD. Sample location and analyte(s) were based on the laboratory results of the initial soil investigation. MSG personnel advanced one soil boring in the immediate vicinity of the soil boring location that exhibited the highest laboratory result(s) in excess of Part 201 GRCC. Soils were continuously profiled from the ground surface to the termination depth of six feet bgs using a direct push drill rig. These soils were homogenized in a stainless-steel bowl (or equivalent) to produce a single, composite soil sample. The composite soil sample was placed into unpreserved laboratory-supplied sample containers, as appropriate for the associated laboratory analyses.

The composite soil sample was collected to create a single, representative sample to provide a laboratory result that includes the overlying and/or underlying soils in the area of concern to comprehensively represent the backfill soils that may be removed.

On October 27, 2025, MSG mobilized to the Site to collect an additional soil sample based on request from the COD in order to fulfill waste characterization parameters required at a Type II landfill. Sample location and analyte(s) were based on the laboratory results of the initial soil sampling event, as compared to *40 C.F.R. §*

261.24 Title 40 - Protection of Environment, Chapter I - Environmental Protection Agency, Subchapter I - Solid Wastes, Part 261 - Identification and Listing of Hazardous Waste, Subpart C - Characteristics of Hazardous Waste. Soils were continuously profiled at the supplemental soil boring locations from the ground surface to the termination depth using a 5-foot long, closed-piston Macro-Core® sampling device. When warranted, a new disposable high-density polyethylene (HDPE) liner was placed within the sampler between each 5-foot sample interval. The recovered soil samples were examined and logged in the field by the MSG field geologist.

3.4 Decontamination

Before initiation of sampling and drilling activities and between each sampling/soil boring, equipment was cleaned to avoid the potential for cross-contamination during field activities. Pertinent equipment and tooling were thoroughly cleaned using a phosphate-free soap to remove chemical residue and caked-on soils. After sample collection was completed, each soil boring location was abandoned with the soil cuttings generated at each soil boring location and finished to match the original surface.

3.5 Analytical Methods

A total of four (4) soil samples, designated 7415 SB01 (3-4'), 7415 SB02 (5-6'), and 7415 SB03 (1-2'), and 7415 Nett SB03 (5-6')-R, and one (1) composite soil sample designated 7415 Nett SB03 TCLP were collected as part of this investigation. These soil samples were submitted to ALS Environmental Laboratory (ALS) in Holland, Michigan for laboratory analysis of the following parameters per the requested parameters as described in the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025, and individual TCLP analysis:

- VOCs by United States Environmental Protection Agency (USEPA) Method SW8260D;
- SVOCs by USEPA Method SW8270E;
- PCBs by USEPA Method SW8082A;
- 10 Michigan metals by USEPA Method SW6020B and SW7471B;
- Chloride by USEPA Method SW9056A;
- Herbicides by USEPA Method SW8151A; and
- Pesticides by USEPA Method SW8081B.

3.6 Quality Assurance/Quality Control

Quality assurance and quality control (QA/QC) was achieved in the field by using MSG's standard operating procedures (SOPs) for sample collection, sample screening, sample preservation, and chain-of-custody protocols to ensure sample integrity. Per the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025, duplicate soil samples and field blanks were not collected.

Laboratory QC was achieved by using standard analytical methods, the analyses of spiked and laboratory quality control samples, and the use of internal laboratory quality assurance protocols. Review of the laboratory's QC data indicated the validity of the data and that it is able to be used for assessing soil samples collected during this work.

4.0 SUMMARY OF RESULTS

The following subsections include a discussion of the soil samples that were collected from the Site on August 13, 2025, October 8, 2025, and October 27, 2025.

4.1 Site Geology and Hydrogeology

The stratigraphy encountered during soil boring advancement of 7415 SB01, 7415 SB02, and 7415 SB03 generally consisted of one to two feet of brown silty clay with some sand underlain by blackish brown silty clay to six feet bgs, the maximum depth explored for this investigation. Field PID readings of the recovered soil cores ranged from 0.0 to 35.1 ppm. There were no visual (staining) and/or olfactory (e.g., petroleum-like odors)

indications of contamination observed during soil sampling activities; however, concrete, brick, and asphalt was observed in 7415 SB01 and 7415 SB02.

Groundwater was not encountered during soil boring activities completed as part of this investigation.

4.2 Soil Sample Analytical Results

Four (4) soil samples, designated 7415 SB01 (3-4'), 7415 SB02 (5-6'), 7415 SB03 (1-2'), and 7415 Nett SB03 (5-6')-R were collected from the Site and submitted to ALS for laboratory analysis of VOCs, SVOCs, PCBs, Michigan 10 Metals, chloride, herbicides, and pesticides.

The analytical results and comparisons to applicable Part 201 GRCC are summarized in *Table 1, Soil Sample Analytical Detection Summary.* Copies of the laboratory analytical data reports and chain of custody forms are included in *Appendix E, Laboratory Analytical Reports and Chain of Custody Forms*.

A summary of the soil sample analytical detections in excess of Part 201 GRCC is provided below:

Chemical	CAS Number	Soil Sample (feet bgs)	Part 201 GRCC Exceeded / Concentration (µg/kg[1])	Maximum Detected Concentration (µg/kg)
Arsenic	7440-38-2	7415 SB03 (1-2')	DWPC[2] / 4,600 GSIPC[3] / 4,600 DCC[4] / 7,600	10,200

[1]µg/kg – micrograms per kilogram;
[2]DWPC – Drinking Water Protection Criteria
[3]GSIPC – Groundwater Surface Water Interface Protection Criteria
[4]DCC – Direct Contact Criteria

4.3 TCLP Analytical Results

Arsenic was analyzed following leach testing using USEPA method EPA 6020 B. Laboratory results are summarized and compared to *40 C.F.R. § 261.24 Title 40 - Protection of Environment, Chapter I - Environmental Protection Agency, Subchapter I - Solid Wastes, Part 261 - Identification and Listing of Hazardous Waste, Subpart C - Characteristics of Hazardous Waste* in *Table 2, TCLP Analytical Detection Summary Table*. Upon comparison, the laboratory analytical results following TCLP testing were below laboratory method detection limits.

Copies of the laboratory analytical data report and chain of custody forms are included in Appendix E.

4.4 Exposure Evaluation

MSG has completed a preliminary evaluation for the Site and associated exposure pathways. Cleanup criteria are applicable if it is reasonable and relevant for the corresponding exposure pathway to be or become complete.

Groundwater was not encountered during soil boring activities completed as part of this investigation. Groundwater is not utilized as drinking water at or near the Site, as municipal water is supplied via the COD, and the general geology of the Site and surrounding area consists of fill materials underlain by clay overlying bedrock. Therefore, the drinking water (DW) exposure pathway can be considered not applicable. Additionally, groundwater was not encountered during this investigation to transport contaminants to either storm sewers or surface water and the clay layer also inhibits migration. Therefore, the groundwater surface water exposure pathway can be considered not applicable. Given that the site is residential, exceedances of DCC may merit further consideration.

5.0 FINDINGS

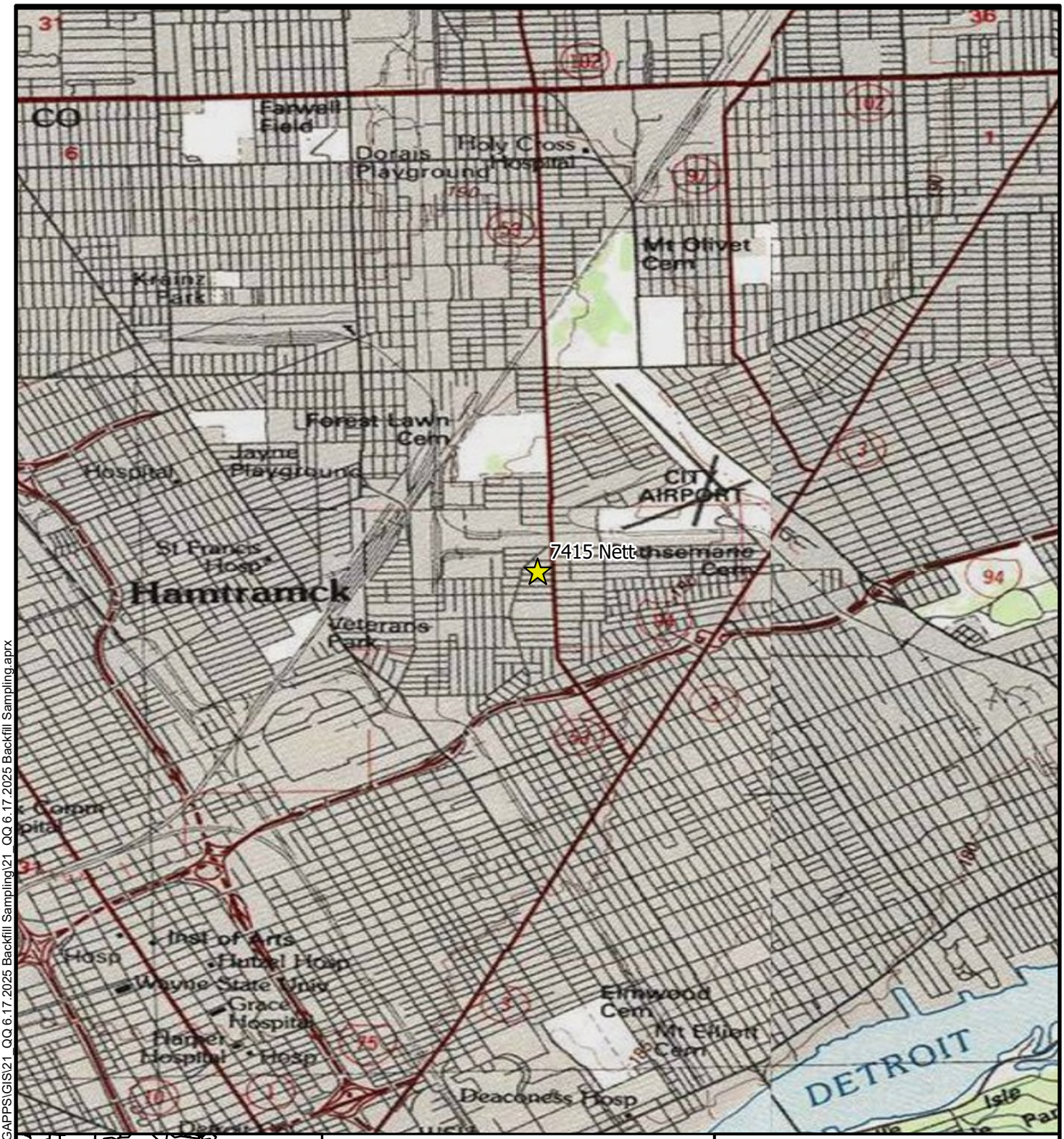
MSG has evaluated the analytical results of the fill material samples collected at the Site in general accordance with the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025. The findings of this investigation are presented below:

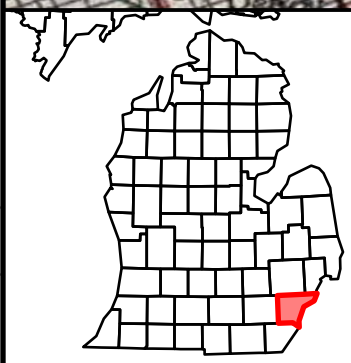
- The stratigraphy encountered during soil boring advancement of 7415 SB01, 7415 SB02, and 7415 SB03 generally consisted of one to two feet of brown silty clay with some sand underlain by blackish brown silty clay to six feet bgs, the maximum depth explored for this investigation. Field PID readings of the recovered soil cores ranged from 0.0 to 35.1 ppm. There were no visual (staining) and/or olfactory (e.g., petroleum-like odors) indications of contamination observed during soil sampling activities; however, concrete, brick, and asphalt was observed in 7415 SB01 and 7415 SB02.
- Concentrations of arsenic were detected in soil sample 7415 SB03 (1-2') in excess of its respective Part 201 DWPC, GSIPC, and DCC.
- Concentrations of 1,2,4-trimethylbenzene were detected in soil sample 7415 SB01 (3-4') in excess of its respective soil volatilization to indoor air pathway (SVIAP) and/or recommended interim action screening level (RIASL).
- Concentrations of 1,2,4-trimethylbenzene, 4,4-DDD, 4,4-DDE, 4,4-DDT, acetate, acetone, acenaphthene, alpha-chlordane, anthracene, barium, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluornathene, benzo(g,h,i)perylene, benzo(a)pyrene, bis(2-ethylhexyl)phthalate, chlordane, chloride, chromium (Total), chrysene, copper, dibenzofuran, fluoranthene, fluorene, gamma-chlordane, indeno(1,2,3-cd)pyrene, lead, mercury, phenanthrene, pyrene, total xylenes, and zinc were detected in soil samples 7415 SB01 (3-4'), 7415 SB02 (5-6'), 7415 SB03 (1-2'), and/or 7415 Nett SB03 (5-6')-R at concentrations above laboratory method detection limits; however, detected concentrations were below their respective Part 201 GRCC and/or Statewide Default Background Levels.
- TCLP laboratory analytical results revealed that concentrations of arsenic were not in excess of *40 C.F.R. § 261.24 Title 40 - Protection of Environment, Chapter I - Environmental Protection Agency, Subchapter I - Solid Wastes, Part 261- Identification and Listing of Hazardous Waste, Subpart C - Characteristics of Hazardous Waste.*
- SVOCs and PCBs were not detected above laboratory method detection reporting limits.
- Groundwater was not encountered during soil boring activities completed as part of this investigation. Groundwater is not utilized as drinking water at or near the Site, as municipal water is supplied via the COD, and the general geology of the Site and surrounding area consists of fill materials underlain by clay overlying bedrock. Therefore, the DW exposure pathway can be considered not applicable. Additionally, groundwater was not encountered during this investigation to transport contaminants to either storm sewers or surface water and the clay layer also inhibits migration. Therefore, the groundwater surface water exposure pathway can be considered not applicable. Since the building on site has been razed, the SVIAP and/or RIASL are not currently complete; however, consideration may need to be given to this pathway if future construction is planned. Given that the site is residential, exceedances of DCC may merit further consideration.

MSG has evaluated the analytical results of the fill material. Based upon the analytical results, we have determined that the material is contaminated above the state's Part 201 GRCC, as applicable.

MSG warrants that no substantive information or documentation was deleted, omitted, or changed that would otherwise cause the MSG to reach a different conclusion. Furthermore, MSG understands that the COD and its agencies and authorities may rely upon the overall completeness, accuracy, and conclusions in this report and hereby provides reliance on the contents presented herein.

FIGURES





Site Location

0 0.5 1 Miles

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www.MannikSmithGroup.com

FIGURE 1

SITE LOCATION

7415 Nett, Detroit, MI

DATE	DRAWN BY	DESIGNED BY	PROJECT NO.
9/29/2025	JWW	JWW	DETR0060

Date Saved: 9/29/2025 5:46 PM Coordinate System: GCS WGS 1984
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Basemap Source: ESRI USA_Topo_Maps Web Service

MSG

0 20 40
Feet

Sample Locations
Parcels (Current)
Subject Property

Notes
- Parcel boundaries are approximate
- Basemap Credits: Wayne - 2010 - 1ft - RGB:

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FIGURE 2

Site Layout

7415 Nett, Detroit, MI

DATE	DRAWN BY	DESIGNED BY	PROJECT NO.
9/29/2025	JWW	KRB	DETR0060

Date Saved: 9/29/2025 7:38 PM
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TABLES

Table 1
Soil Sample Analytical Detection Summary

Detroit Backfill Sampling
7415 Nett, Detroit, Michigan

SOIL: Part 201/213 Generic Residential Cleanup Criteria Revised October 12, 2023 Units: µg/kg			Volatile Organic Compounds (VOCs)				Semivolatile Organic Compounds (SVOCs)													
			Acetone	Methyl Acetate	1,2,4-Trimethylbenzene	Total Xylenes	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(b)fluoranthene	Benzo(k)fluornathene	Benzo(g,h,i)perylene	Benzo(a)pyrene	Chrysene	bis(2-Ethylhexyl)phthalate	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene
CAS Number			67-64-1	79-20-9	95-63-6	1330-20-7	83-32-9	120-12-7	56-55-3	205-99-2	207-08-9	191-24-2	50-32-8	218-01-9	117-81-7	132-64-9	206-44-0	86-73-7	193-39-5	85-01-8	129-00-0
Statewide Default Background Levels			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Drinking Water Protection Criteria (DWPC)			15,000	NA	2,100	5,600	3.0E+05	41,000	NLL	NLL	NLL	NLL	NLL	NLL	NLL	ID	7.3E+05	3.9E+05	NLL	56,000	4.8E+05
Groundwater Surface Water Interface Protection Criteria (GSIPC)			34,000	NA	570	980	8,700	ID	NLL	NLL	NLL	NLL	NLL	NLL	NLL	1,700	5,500	5,300	NLL	2,100	ID
Soil Volatilization to Indoor Air Inhalation (SVIIC)			2.9E+8 (C)	NA	4.3E+6 (C)	6.3E+6 (C)	1.9E+08	1.0E+09 (D)	NLV	ID	NLV	NLV	NLV	ID	NLV	2.0E+06	1.0E+09 (D)	5.8E+08	NLV	2.8E+06	1.0E+09 (D)
Soil Volatilization to Indoor Air Pathway (SVIAP)			2.6E+05 (EE)	--	150 (JT)	280 (J)	2.0E+05	1.3E+07	1.6E+05 (MM)	NA	NA	NA	NA	NA	NA	7.1E+06	NA	4.7E+05	NA	1,700	2.5E+07
Infinite Source Volatile Soil Inhalation Criteria (VSIC)			1.3E+08	NA	2.1E+07	4.6E+07	8.1E+07	1.4E+09	NLV	ID	NLV	NLV	NLV	ID	NLV	1.3E+05	7.4E+08	1.3E+08	NLV	1.6E+05	6.5E+08
Finite Source Volatile Soil Inhalation Criteria (5 m) (VSIC 5m)			1.3E+08	NA	5.0E+08	6.1E+07	8.1E+07	1.4E+09	NLV	ID	NLV	NLV	NLV	ID	NLV	1.3E+05	7.4E+08	1.3E+08	NLV	1.6E+05	6.5E+08
Finite Source Volatile Soil Inhalation Criteria (2 m) (VSIC 2m)			1.9E+08	NA	5.0E+08	1.3E+08	8.1E+07	1.4E+09	NLV	ID	NLV	NLV	NLV	ID	NLV	1.3E+05	7.4E+08	1.3E+08	NLV	1.6E+05	6.5E+08
Particulate Soil Inhalation Criteria (PSIC)			3.9E+11	NA	8.2E+10	2.9E+11	1.4E+10	6.7E+10	ID	ID	ID	8.0E+08	1.5E+06	ID	7.0E+08	6.7E+06	9.3E+09	9.3E+09	ID	6.7E+06	6.7E+09
Direct Contact Criteria (DCC)			2.3E+07	NA	3.2E+07 (C)	4.1E+08 (C)	4.1E+07	2.3E+08	20,000	20,000	2.0E+05	2.5E+06	2,000	2.0E+06	2.8E+06	ID	4.6E+07	2.7E+07	20,000	1.6E+06	2.9E+07
Soil Saturation Concentration Screening Levels (C_{sat})			1.1E+08	NA	1.1E+05	1.5E+05	NA	NA	NA	NA	NA	NA	NA	NA	1.0E+07	NA	NA	NA	NA	NA	NA
Recommended Interim Action Screening Level (RIASL)			2.6E+05	NA	150	280	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SAMPLE ID	DEPTH	SAMPLE DATE																			
7415 SB01	3-4	8/13/2025	**166**	**439**	**224**	**35**	<1,100	<1,100	<1,100	<1,100	<1,100	<1,100	<1,100	<1,100	<1,600	<1,100	<1,100	<1,100	<1,100	<1,100	<1,100
7415 SB02	5-6	8/13/2025	**214**	**504**	**104**	<102	<3,700	<3,700	<3,700	<3,700	<3,700	<3,700	<3,700	<3,700	<5,600	<3,700	<3,700	<3,700	<3,700	<3,700	<3,700
7415 SB03	1-2	8/13/2025	<100	<251	<30.2	<90.5	<3,800	<3,800	<3,800	<3,800	<3,800	<3,800	<3,800	<3,800	<5,800	<3,800	<3,800	<3,800	<3,800	<3,800	<3,800
7415 Nett SB03 R	5-6	10/27/2025	NS	NS	NS	NS	**975**	**479**	**105**	**98.8**	**42.6**	**56.2**	**72**	**75.6**	**103**	**601**	**657**	**139**	**50.4**	**67.8**	**438**

Notes:

Bold indicates concentration above laboratory reporting limits.

Exceeds DWPC

Exceeds GSIPC

Exceeds Applicable Soil Vapor Inhalation screening level

Exceeds Two or More DWPC, GSIPC, and/or Applicable Soil Vapor Inhalation screening levels

Exceeds PSIC, DCC, and/or Csat, likely exceeds others

ND = Not Detected above laboratory reporting limits

NS = Not Sampled or Not Analyzed

Notes in parentheses and standard abbreviations from Part 201 Rules 299.1 through 299.50, updated October 12, 2023

VIAP Screening Levels and notes from EGLE Guidance Document For The Vapor Intrusion Pathway, Appendix D.1 Vapor Intrusion Screening Values, May 2013, updated February 26, 2024

Table 1
Soil Sample Analytical Detection Summary

Detroit Backfill Sampling
7415 Nett, Detroit, Michigan

SOIL: Part 201/213 Generic Residential Cleanup Criteria Revised October 12, 2023 Units: µg/kg			Michigan 10 Metals										Pesticides/Herbicides						Polychlorinated Biphenyls (PCBs)	Inorganic Anions/Ions
			Arsenic	Barium (B)	Cadmium (B)	Chromium (Total)	Copper (B)	Lead (B)	Mercury (B,Z)	Selenium (B)	Silver (B)	Zinc (B)	4,4,-DDD	4,4,-DDE	4,4,-DDT	alpha-Chlordane	gamma-Chlordane	Chlordane		Chloride
CAS Number			7440-38-2	7440-39-3	7440-43-9	7440-47-3	7440-50-8	7439-92-1	7439-97-6	7782-49-2	7440-22-4	7440-66-6	72548	72559	50-29-3	NA	NA	57-74-9		16887006
Statewide Default Background Levels			5,800	75,000	1,200	18,000	32,000	21,000	130	410	1,000	47,000	NA	NA	NA	NA	NA	NA		NA
Drinking Water Protection Criteria (DWPC)			4,600	1.3E+06	6,000	30,000	5.8E+06	7.0E+05	1,700	4,000	4,500	2.4E+06	NLL	NLL	NLL	NA	NA	NLL		5.00E+06
Groundwater Surface Water Interface Protection Criteria (GSIPC)			4,600	(G)	(G,X)	3,300	(G)	(G,X)	50 (M); 1.2	400	100 (M); 27	(G)	NLL	NLL	NLL	NA	NA	NLL		(X)
Soil Volatilization to Indoor Air Inhalation (SVIIC)			NLV	NLV	NLV	NLV	NLV	NLV	48,000	NLV	NLV	NLV	NLV	NLV	NLV	NA	NA	1.10E+07		NLV
Soil Volatilization to Indoor Air Pathway (SVIAP)			NA	NA	NA	--	NA	NA	22 (M)	NA	NA	NA	NLV	NA	--	NA	NA	13,000		--
Infinite Source Volatile Soil Inhalation Criteria (VSIC)			NLV	NLV	NLV	NLV	NLV	NLV	52,000	NLV	NLV	NLV	NLV	NLV	NLV	NA	NA	1.20E+06		NLV
Finite Source Volatile Soil Inhalation Criteria (5 m) (VSIC 5m)			NLV	NLV	NLV	NLV	NLV	NLV	52,000	NLV	NLV	NLV	NLV	NLV	NLV	NA	NA	1.20E+06		NLV
Finite Source Volatile Soil Inhalation Criteria (2 m) (VSIC 2m)			NLV	NLV	NLV	NLV	NLV	NLV	52,000	NLV	NLV	NLV	NLV	NLV	NLV	NA	NA	1.20E+06		NLV
Particulate Soil Inhalation Criteria (PSIC)			7.2E+05	3.3E+08	1.7E+06	2.6E+05	1.3E+08	1.0E+08	2.0E+07	1.3E+08	6.7E+06	ID	4.4E+07	3.20E+07	3.20E+07	NA	NA	3.1E+07		ID
Direct Contact Criteria (DCC)			7,600	3.7E+07	5.5E+05	2.5E+06	2.0E+07	4.0E+05	1.6E+05	2.6E+06	2.5E+06	1.7E+08	95,000	45,000	57,000	NA	NA	31,000		5.0E+5 (F)
Soil Saturation Concentration Screening Levels (C_{sat})			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		NA
Recommended Interim Action Screening Level (RIASL)			NA	NA	NA	NA	NA	NA	2.7E-02	NA	NA	NA	NA	NA	--	NA	NA	NA		--
SAMPLE ID	DEPTH	SAMPLE DATE																		
7415 SB01	3-4	8/13/2025	**3,680**	**60,800**	<1,330	**13,500**	**12,500**	**31,400**	**33.3**	<3,320	<3,320	**46,900**	<5.5	<5.5	<5.5	<5.5	<5.5	<27	ND	**60,200**
7415 SB02	5-6	8/13/2025	**4,720**	**77,900**	<1,180	**11,300**	**16,800**	**75,500**	**35.3**	<2,950	<2,950	**67,700**	**18**	**80**	**9.5**	**4.6**	**4.3**	**8.9**	ND	**74,500**
7415 SB03	1-2	8/13/2025	**10,200**	**69,600**	<1,390	**17,800**	**17,600**	**12,200**	**21.7**	<3,480	<3,480	**49,600**	**20**	**75**	**8.2**	**9.1**	**7.4**	**16.5**	ND	**67,400**
7415 Nett SB03 R	5-6	10/27/2025	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Notes:

Bold indicates concentration above laboratory reporting limits.

Exceeds DWPC

Exceeds GSIPC

Exceeds Applicable Soil Vapor Inhalation screening level

Exceeds Two or More DWPC, GSIPC, and/or Applicable Soil Vapor Inhalation screening levels

Exceeds PSIC, DCC, and/or Csat, likely exceeds others

ND = Not Detected above laboratory reporting limits

NS = Not Sampled or Not Analyzed

Notes in parentheses and standard abbreviations from Part 201 Rules 299.1 through 299.50, updated October 12, 2023

VIAP Screening Levels and notes from EGLE Guidance Document For The Vapor Intrusion Pathway, Appendix D.1 Vapor Intrusion Screening Values, May 2013, updated February 26, 2024

Table 2
TCLP Analytical Detection Summary

Detroit Backfill Sampling
7415 Nett, Detroit, Michigan

40 C.F.R. § 261.24 Code of Federal Regulations Title 40 - Protection of Environment Chapter I - Environmental Protection Agency Subchapter I - Solid Wastes Part 261- Identification and Listing of Hazardous Waste Subpart C - Characteristics of Hazardous Waste *Units: mg/L*		**TCLP Metals**
		Arsenic
Maximum Concentration of Contaminants for the Toxicity Characteristic		5.00
SAMPLE ID	SAMPLE DATE	
7415 Nett SB03 TCLP	10/8/2025	<0.0499

Notes:
Bold indicates concentration above method detection limits.
Exceeds Maximum Concentration of Contaminates for the Toxicity Characteristic

APPENDIX A

LIMITATIONS

LIMITATIONS

This investigation and related documentation are site-specific, which means they pertain to the environmental conditions of the Site only.

The Mannik & Smith Group, Inc. (MSG) performed its services associated with the investigation in conformance with the care and skill ordinarily used by other reputable environmental consulting firms practicing under similar conditions, at the same time, and in the same or similar locality. In preparing this report, MSG may have relied on information obtained from or provided by others. MSG makes no representation or warranty regarding the accuracy or completeness of this information gathered through outside sources or subcontracted services. No warranty, guarantee, or certification of any kind, expressed or implied, at common law or created by statute, is extended, made, or intended by rendering these environmental consulting services or by furnishing this written report. Environmental conditions and regulations are subject to constant change and reinterpretation. One should not assume that any on-site conditions and/or regulatory statutes or rules will remain constant after MSG has completed the scope of work for this project. Furthermore, because the facts stated in these reports are subject to professional interpretation, differing conclusions could be reached by other environmental professionals.

Contaminants may be hidden in subsurface material, covered by pavement, vegetation, or other substances. Additionally, contamination may not be present in predictable locations. MSG has prepared a logical investigation program to reduce the client's risk of discovering unknown contamination. This risk may be reduced by more extensive exploration on the Site. Even with additional exploration, it is not possible to completely eliminate the risk of discovering contamination on the Site. It can not be assumed that samples collected and conditions observed are representative of an area that has not been sampled and/or tested.

Some environmental assessments are undertaken to satisfy "due diligence", "all appropriate inquiry," or other regulatory requirements provided in federal, state, or local law. Although MSG strives to investigate a site in accordance with the scope of work as defined by written agreement with a client, it cannot warrant that the work undertaken for this report with satisfy "due diligence", "all appropriate inquiry," or any other similar standard under any federal, state, or local law.

Due to changing environmental regulatory conditions and potential on-site activities after the completion of investigation, the client may rely upon the conditions within this investigation report for a period of six months from the report's issuance date.

APPENDIX B

DAILY FIELD REPORTS

DAILY FIELD REPORT

Client: City of Detroit Demolition Department
Project: Sampling and Analysis of Fill Material
Report No.: 1
Job No.: DETR0060

Date: 08/13/2025 **Day:** Wednesday
MSG Personnel: WRD, ZRG, JDF

Temp:	75º F	**(AM)**	N/A	**(PM)**
Cloud Cover:	~10%	**(AM)**	N/A	**(PM)**
Precip.:	None	**(AM)**	N/A	**(PM)**

Personnel: MSG
MSG Hours On-Site: 1.25 hours

Contractors Information

Contractor:	No. Men and Type:	Equipment Type:
MSG	3; Helper/Geologist/Driller	Geoprobe 7822DT

Summary of Work Performed:

- Advanced three (3) onsite soil borings to a maximum depth of 6 feet below ground surface (bgs)
- Collected soil samples from each soil boring (from the interval with the greatest potential to be impacted based on field indicators).

Field Notes:

- 0756 – ZRG & WRD onsite (7415 Nett St)
- 0759 – Unloaded equipment and checked boring locations
- 0812– Began drilling SB01
- 0819 – Finished drilling SB01
- 0820 – Began drilling SB02
- 0827 – Finished drilling SB02
- 0842 – Began drilling SB03
- 0850 – Finished drilling SB03
- 0900 – Sampled 7415 SB01 (3-4')
- 0905 – Sampled 7415 SB02 (5-6')
- 0910 – Sampled 7415 SB03 (1-2')
- 0911 – Packed up equipment
- 0914 – MSG off site

Supporting Documentation

	Yes	No		Yes	No		Yes	No
Photograph Taken	☒	☐	Samples Collected	☒	☐	Boring/MW Logs	☒	☐
Photo Log Attached	☒	☐	COC Attached	☒	☐	Field Note Book Taken	☐	☒

Problem Identification and Corrective Measures

N/A

Resolved? Yes ☐ No ☐

DAILY FIELD REPORT

Client: City of Detroit Demolition Department
Project: Sampling and Analysis of Fill Material
Report No.: 2
Job No.: DETR0060

Date: 10/8/2025 **Day:** Wednesday
MSG Personnel: SRK, JF
Personnel: MSG
MSG Hours On-Site: ~ 0.5 hours

		(AM)	(PM)
Temp:	50 º F	N/A	
Cloud Cover:	0%	N/A	
Precip.:	N/A	N/A	

Contractors Information

Contractor:	No. Men and Type:	Equipment Type:
MSG	2; Operator/Geologist	Geoprobe 7822DT

Summary of Work Performed:

- Advanced one (1) onsite soil borings to a maximum depth of 6 feet below ground surface (bgs)
- Collected TCLP of fill material from soil boring (composite sample of from zero to 6 feet bgs).

Field Notes:

- 1100 – MSG (SRK, JF) onsite (7415 Nett)
- 1102 – Attempted to locate previous boring locations. Marked out new boring location.
- 1110 – Began drilling SB03 TCLP
- 1112 – Finished drilling SB03 TCLP
- 1118 – Sampled 7415 Nett SB03 TCLP
- 1127 – Collected GPS points
- 1135 – Packed up equipment
- 1140 – MSG off site

Supporting Documentation

	Yes	No		Yes	No		Yes	No
Photograph Taken	☒	☐	Samples Collected	☒	☐	Boring/MW Logs	☒	☐
Photo Log Attached	☒	☐	COC Attached	☒	☐	Field Note Book Taken	☒	☐

Problem Identification and Corrective Measures

N/A

Resolved? Yes ☐ No ☐

DAILY FIELD REPORT

Client: City of Detroit Demolition Department
Project: Sampling and Analysis of Fill Material
Report No.: 3
Job No.: DETR0060

Date: 10/27/2025 **Day:** Monday
MSG Personnel: KW, JDF
Personnel: MSG
MSG Hours On-Site: ~ 0.7 hours

		(AM)		(PM)
Temp:	49 º F	(AM)	N/A	(PM)
Cloud Cover:	~5%	(AM)	N/A	(PM)
Precip.:	N/A	(AM)	N/A	(PM)

Contractors Information

Contractor:	No. Men and Type:	Equipment Type:
MSG	2; Operator/Geologist	Geoprobe 7822DT

Summary of Work Performed:

- Advanced one (1) onsite soil borings to a maximum depth of 6 feet below ground surface (bgs)
- Collected soil sample from soil boring (from the interval 5-6' to analyze for SVOCs)

Field Notes:

- 1240 – MSG (KF, JDF) onsite (7415 Nett)
- 1245 – Attempted to locate previous boring locations. Marked out new boring location.
- 1255 – Began drilling SB03 (5-6')-R
- 1302 – Sampled 7415 Nett SB03 (5-6')-R
- 1310 – Packed up equipment
- 1327 – MSG off site

Supporting Documentation

	Yes	No		Yes	No		Yes	No
Photograph Taken	☒	☐	Samples Collected	☒	☐	Boring/MW Logs	☐	☒
Photo Log Attached	☒	☐	COC Attached	☒	☐	Field Note Book Taken	☐	☒

Problem Identification and Corrective Measures

N/A

Resolved? Yes ☐ No ☐

APPENDIX C

INVESTIGATION PHOTOGRAPHS

Photo 1: View of soil recovery at the time of initial soil boring activities.

Photo 2: View of Site at the time of TCLP soil boring activities

Photo 3: View of TCLP soil boring location.

Photo 4: View of soil recovery at the time of TCLP sampling.

Photo 5: View of Site at the time of TCLP soil boring activities.

Photo 6: View of the Sire at the time of supplemental soil sampling activities

Photo 7: View of soil recovery at the time of supplemental sampling activities

Photo 8: Viewing boring location at the time of supplemental sampling activities

APPENDIX D

SOIL BORING LOGS

The Mannik & Smith Group, Inc.
2365 Haggerty Road South, Canton, MI 48188
ph: (734) 397-3100 fax: (734) 397-3131
www.manniksmithgroup.com

BOREHOLE NUMBER SB01

CLIENT City of Detroit
PROJECT NAME Backfill Soil Sampling
PROJECT NUMBER DETR0060.BFS14
PROJECT LOCATION 7415 Nett, Detroit, MI
DATE STARTED 08-13-2025 **COMPLETED** 08-13-2025
POSITION
DRILLING CONTRACTOR MSG
SURFACE ELEVATION **FINAL DEPTH** 6.0 ft
DRILLING METHOD Direct Push
LOGGED BY WRD **CHECKED BY** PDH
EQUIPMENT Geoprobe 7822DT **Operator** JDF
REMARKS

DEPTH (ft)	SAMPLE INTERVALS	RECOVERY %	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (PPM)	REMARKS
				Brown Silty CLAY, some Sand; dry	0.0	
					0.0	
				- Becomes Black & Brown with Concrete, Brick, & Asphalt debris at 2 ft bgs	22.4	
	ES	50			35.1	Collected soil sample 7415 SB01 (3-4) at 09:00
5					13.5	
				6.0	7.9	
				Terminated at 6.00 ft.		
10						
15						
20						

LEGEND:

▽ **AT TIME OF DRILLING**
▼ **AT END OF DRILLING**
▼ **AFTER DRILLING**

The Mannik & Smith Group, Inc.
2365 Haggerty Road South, Canton, MI 48188
ph: (734) 397-3100 fax: (734) 397-3131
www.manniksmithgroup.com

BOREHOLE NUMBER SB02

CLIENT City of Detroit
PROJECT NAME Backfill Soil Sampling
PROJECT NUMBER DETR0060.BFS14
PROJECT LOCATION 7415 Nett, Detroit, MI
DATE STARTED 08-13-2025 **COMPLETED** 08-13-2025
POSITION
DRILLING CONTRACTOR MSG
SURFACE ELEVATION **FINAL DEPTH** 6.0 ft
DRILLING METHOD Direct Push
LOGGED BY WRD **CHECKED BY** PDH
EQUIPMENT Geoprobe 7822DT **Operator** JDF
REMARKS

DEPTH (ft)	SAMPLE INTERVALS	RECOVERY %	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (PPM)	REMARKS
				Brown Silty CLAY, some Sand; dry	0.6	
					1.1	
				- Becomes Black & Brown with Concrete, Brick, & Asphalt debris at 2 ft bgs	0.8	
	ES	50			0.9	
					4.4	
5					6.1	Collected soil sample 7415 SB02 (5-6) at 09:05
				6.0 Terminated at 6.00 ft.		
10						
15						
20						

LEGEND:

▽ **AT TIME OF DRILLING**
▼ **AT END OF DRILLING**
▼ **AFTER DRILLING**

The Mannik & Smith Group, Inc.
2365 Haggerty Road South, Canton, MI 48188
ph: (734) 397-3100 fax: (734) 397-3131
www.manniksmithgroup.com

BOREHOLE NUMBER SB03

CLIENT City of Detroit
PROJECT NAME Backfill Soil Sampling
PROJECT NUMBER DETR0060.BFS14
PROJECT LOCATION 7415 Nett, Detroit, MI
DATE STARTED 08-13-2025 **COMPLETED** 08-13-2025
POSITION
DRILLING CONTRACTOR MSG
SURFACE ELEVATION **FINAL DEPTH** 6.0 ft
DRILLING METHOD Direct Push
LOGGED BY WRD **CHECKED BY** PDH
EQUIPMENT Geoprobe 7822DT **Operator** JDF
REMARKS

DEPTH (ft)	SAMPLE INTERVALS	RECOVERY %	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (PPM)	REMARKS
0	ES	63		Brown Silty CLAY, some Sand; dry	0.0	Collected soil sample 7415 SB03 (1-2) at 09:10
					0.0	
					0.0	
					0.4	
5					0.2	
				6.0	0.3	
				Terminated at 6.00 ft.		
10						
15						
20						

LEGEND:

- ▽ AT TIME OF DRILLING
- ▼ AT END OF DRILLING
- ⧩ AFTER DRILLING

APPENDIX E

LABORATORY ANALYTICAL REPORTS AND CHAIN OF CUSTODY FORMS

right solutions.
right partner.

CERTIFICATE OF ANALYSIS

Work Order

HN2511533

Client

The Mannik & Smith Group, Inc.

Project

7415 Nett

Project Date

August 15, 2025

Reporting Contact

Ryan Montri

right solutions.
right partner.

September 12, 2025

Ryan Montri
The Mannik & Smith Group, Inc.
2365 Haggerty Road South
Suite 100
Canton, MI 48188

Date Received: **08/15/2025**
Work Order: **HN2511533**

Re: **7415 Nett**

Dear Ryan,

Enclosed are the results of the sample(s) submitted to our laboratory.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to contact me:
ADDRESS: 3352 128th Avenue, Holland, MI, USA PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Bill Carey
/S/ BILL CAREY

Project Manager

Client: The Mannik & Smith Group, Inc. **Work Order:** HN2511533

Project: 7415 Nett **Date Received:** 15-Aug-2025

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt

3 soil/solid samples were received for analysis at ALS Environmental on 15-Aug-2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Organics

EPA 8260D-FULL HN-5035A-10mL-S

Run ID: 3431701

The Continuing Calibration Verification did not meet acceptance criteria with high bias, however, the sample results were non-detect for the following analytes: bromomethane
The MS recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for this analyte:1,1,2,2-tetrachloroethane, bromodichloromethane
The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Carbon disulfide, 1,1-Dichloroethylene
The MSD recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary.acetone, tetrachloroethene
The MSD recovery was outside of the control limit. However, the MS recovery and the RPD between the MS and MSD was in control. No qualification is required for this analyte: trichloroethane
The MSD recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for the following analyte(s):1,1,2,2-tetrachloroethane, bromodichloromethane
The MS recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary:acetone, tetrachloroethene

Run ID: 3434986

The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: carbon disulfide
The Continuing Calibration Verification did not meet acceptance criteria with high bias, however, the sample results were non-detect for the following analytes: bromomethane
The MSD recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary. see qc
The MS recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary: see qc
The MSD recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for the following analyte(s):1,1,2,2-tetrachloroethane
The MS recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for this analyte: 1,1,2,2-tetrachloroethane

Metals

EPA 6020B-3050B-S

Run ID: 3418159

The MSD recovery was outside of the control limit; however, the result in the parent sample is greater than 4x the spike amount. No qualification is required for this analyte: Ba, Pb, Zn Batch 2170128

The MS recovery was outside of the control limit. However, the MSD recovery and the RPD between the MS and MSD was in control. No qualification is required for this analyte: Cu Batch 2170128

The MS recovery was outside of the control limit; however, the result in the parent sample is greater than 4x the spike amount. No qualification is required for this analyte: Ba, Pb, Zn Batch 2170128

HN2511533-001: Silver - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. Cd, Se, Ag

HN2511533-001: Cadmium - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. Cd, Se, Ag

HN2511533-001: Selenium - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. Cd, Se, Ag

HN2511533-002: Cadmium - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. Cd, Se, Ag

HN2511533-002: Silver - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. Cd, Se, Ag

HN2511533-002: Selenium - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. Cd, Se, Ag

HN2511533-003: Cadmium - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. Cd, Se, Ag

HN2511533-003: Silver - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. Cd, Se, Ag

HN2511533-003: Selenium - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. Cd, Se, Ag

SAMPLE DETECTION SUMMARY

This form includes only detections above the limits as presented.

For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: 7415 SB01 (3-4)		Lab ID: HN2511533-001			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**
1,2,4-Trimethylbenzene	224		31.8	µg/kg	EPA 8260D
Acetone	166		106	µg/kg	EPA 8260D
Arsenic	3.68		3.32	mg/kg	EPA 6020B
Barium	60.8		3.32	mg/kg	EPA 6020B
Chloride	60.2		10.9	mg/kg	EPA 9056A
Chromium	13.5		3.32	mg/kg	EPA 6020B
Copper	12.5		3.32	mg/kg	EPA 6020B
Lead	31.4		3.32	mg/kg	EPA 6020B
Mercury	0.0333		0.0200	mg/kg	EPA 7471B
Methyl acetate	439		265	µg/kg	EPA 8260D
o-Xylene	35.0		31.8	µg/kg	EPA 8260D
Percent Moisture	8.8		0.1	%	EPA 3550C
Subcontract Analysis	See attached.			-	EPA 8151A
Subcontract Analysis	See attached.			-	EPA 8081B
Subcontract Analysis	See attached.			-	EPA 8082A
Subcontract Analysis	See attached.			-	EPA 8270E
Zinc	46.9		6.65	mg/kg	EPA 6020B

CLIENT ID: 7415 SB02 (5-6)		Lab ID: HN2511533-002			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**
1,2,4-Trimethylbenzene	104		34.2	µg/kg	EPA 8260D
Acetone	214		114	µg/kg	EPA 8260D
Arsenic	4.72		2.95	mg/kg	EPA 6020B
Barium	77.9		2.95	mg/kg	EPA 6020B
Chloride	74.5		11.4	mg/kg	EPA 9056A
Chromium	11.3		2.95	mg/kg	EPA 6020B
Copper	16.8		2.95	mg/kg	EPA 6020B
Lead	75.5		2.95	mg/kg	EPA 6020B
Mercury	0.0353		0.0200	mg/kg	EPA 7471B
Methyl acetate	504		285	µg/kg	EPA 8260D
Percent Moisture	11.9		0.1	%	EPA 3550C
Subcontract Analysis	See attached.			-	EPA 8151A
Subcontract Analysis	See attached.			-	EPA 8081B
Subcontract Analysis	See attached.			-	EPA 8082A
Subcontract Analysis	See attached.			-	EPA 8270E
Zinc	67.7		5.89	mg/kg	EPA 6020B

CLIENT ID: 7415 SB03 (1-2)		Lab ID: HN2511533-003			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**
Arsenic	10.2		3.48	mg/kg	EPA 6020B
Barium	69.6		3.48	mg/kg	EPA 6020B

SAMPLE DETECTION SUMMARY

This form includes only detections above the limits as presented.

For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: 7415 SB03 (1-2)			Lab ID: HN2511533-003		
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**
Chloride	67.4		11.5	mg/kg	EPA 9056A
Chromium	17.8		3.48	mg/kg	EPA 6020B
Copper	17.6		3.48	mg/kg	EPA 6020B
Lead	12.2		3.48	mg/kg	EPA 6020B
Mercury	0.0217		0.0204	mg/kg	EPA 7471B
Percent Moisture	14.0		0.1	%	EPA 3550C
Subcontract Analysis	See attached.			-	EPA 8151A
Subcontract Analysis	See attached.			-	EPA 8081B
Subcontract Analysis	See attached.			-	EPA 8082A
Subcontract Analysis	See attached.			-	EPA 8270E
Zinc	49.6		6.97	mg/kg	EPA 6020B

SAMPLE SUMMARY

Client: The Mannik & Smith Group, Inc.
Project: 7415 Nett
Workorder: HN2511533

Laboratory Sample ID	Client Sample ID	Sample Matrix	Collection Date	Date Received
HN2511533-001	7415 SB01 (3-4)	SOIL/SOLID	08/13/25 09:00	08/15/25 08:00
HN2511533-002	7415 SB02 (5-6)	SOIL/SOLID	08/13/25 09:05	08/15/25 08:00
HN2511533-003	7415 SB03 (1-2)	SOIL/SOLID	08/13/25 09:10	08/15/25 08:00

ALS Environmental

Laboratory location:

Chain of Custody Form

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ALS Project Manager: | **Work Order #:**

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	7415 Nett	A	VOCs (U.S. EPA Method 8260C (or Method 8260))
Work Order		Project Number	DETR0060	B	SVOCs (U.S. EPA Method 8270D (or Method 8270))
Company Name	The Mannik and Smith Group	Bill To Company	The Mannik and Smith Group	C	PCBs (U.S. EPA Method 8082)
Send Report To	Ryan Montri	Invoice Attn.		D	Mi 10 Metals (U.S. EPA 6000/7000 Series Methods)
Address	2365 Haggerty Rd South Suite 100	Address	2365 Haggerty Rd South Suite 100	E	Chorides (U.S. EPA Method 9056A)
				F	Pesticides (U.S. EPA Method 8081B (or Method 8081))
City/State/Zip	Canton, MI 48188	City/State/Zip	Canton, MI 48188	G	Herbicides (U.S. EPA Method 8151A (or Method 8151))
Phone	734-397-3100	Phone	734-397-3100	H	
Fax		Fax		I	
e-Mail Address	RMontri@manniksmithgroup.com	e-Mail Address		J	

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	7415 SB01 (3-4)	8/13/25	0900	Soil	METH	3	X	X	X	X	X	X	X				
2	7415 SB02 (5-6)	"	0905	Soil	"	3	X	X	X	X	X	X	X				
3	7415 SB03 (1-2)	"	0910	Soil	"	3	X	X	X	X	X	X	X				
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Environmental Division Holland

Work Order Reference

HN2511533

Telephone : +1 616 399 6070

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Sampler(s): Please Print & Sign: WILEY DAVENPORT

Shipment Method:

Required Turnaround Time: ☐ STD 10 Wk Days ☑ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by: WILEY	**Date:** 8/14/25	**Time:** 1420	**Received by:**	**Notes:** Quote# HN-061825-M&S-MA	
Relinquished by:	**Date:** 8/14/25	**Time:** 1700	**Received by (Laboratory):** QS	**Cooler Temp.**	**QC Package: (Check Box Below)**
Logged by (Laboratory): BC	**Date:** 8/15/25	**Time:** 11:20	**Checked by (Laboratory):**	2.1°C	☐ Level II: Standard QC ☐ TRRP-Checklist
				IKe	☐ Level III: Std QC + Raw Data ☐ TRRP Level IV
					☐ Level IV: SW846 CLP-Like
					☐ Other:

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Laboratory Group.

Signature denotes acceptance of ALS Group USA, Corp. Terms and Conditions - Please click the link below for detailed Terms & Conditions:

https://www.alsglobal.com/ALSGroupUSACorpTC

ALS Holland Sample Receiving Checklist

Received by:	BC
Date/Time:	8/15/25 08:00
Carrier Name:	QS
Shipping container/cooler in good condition?	Yes / No / Not Present
Custody seals intact on shipping container/cooler?	Yes / No / Not Present
Custody seals intact on sample bottles?	Yes / No / Not Present
Chain of Custody present?	Yes / No
COC signed when relinquished and received?	Yes / No
COC agrees with sample labels?	Yes / No
Samples in proper container/bottle?	Yes / No
Sample containers intact?	Yes / No
Sufficient sample volume for indicated test?	Yes / No
All samples received within holding time?	Yes / No
Container/Temp Blank temperature in compliance?	Yes / No
Temperature(s) (°C):	2.1°C
Thermometer(s):	IR6
Sample(s) received on ice?	Yes / No
Matrix/Matrices:	Soil
Cooler(s)/Kit(s):	1
Date/Time sample(s) sent to storage:	8/15/25 11:25
Water – VOA vials have zero headspace?	Yes / No / No Vials
Water – pH acceptable upon receipt?	Yes / No / N/A
pH strip lot #: _____	< 2 _____ > 12 _____ Other _____
pH adjusted (note adjustments below)?	Yes / No / N/A
pH adjusted by:	

Login Notes:

REPORT QUALIFIERS AND DEFINITIONS

*	Value exceeds Regulatory Limit (if MCL displayed)
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
NC	Not Calculated
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
V	The Continuing Calibration Verification was outside of control criteria
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

Holland Laboratory Certifications[1]

Agency	Type	ID	Issued	Expires
Alabama	Drinking Water (Secondary)	42500	12/17/2024	12/31/2025
Colorado	UST		07/01/2025	06/30/2026
Connecticut	Drinking Water (Secondary)	PH-0155	12/10/2024	12/31/2026
Florida	NELAP (Primary)	E871106	07/01/2025	06/30/2026
Illinois	NELAP (Secondary)	200076	11/14/2024	12/31/2025
Indiana	Drinking Water (Secondary)	C-MI-08	12/31/2024	09/04/2026
Iowa	State Specific	403	09/18/2023	09/01/2025
Kansas	NELAP (Secondary)	E-10411	07/09/2024	07/31/2025
Kentucky	Waste Water	KY98004	12/20/2024	12/31/2025
Kentucky	UST	120474	06/24/2024	06/30/2025
Michigan	Drinking Water (Primary)	0022	12/19/2023	09/04/2026
Minnesota	NELAP (Secondary)	026-999-449	12/17/2024	12/31/2025
Missouri	Drinking Water (Secondary)	01262	11/14/2024	12/30/2027
New Jersey	NELAP (Secondary)	MI015	07/01/2024	6/30/2025
New York	NELAP (Secondary)	12128	04/01/2025	04/01/2026
North Dakota	State Specific	R-192	11/18/2024	06/30/2025
Ohio	Drinking Water (Secondary)	87783	06/26/2025	6/30/2026
Pennsylvania	NELAP (Secondary)	68-03827	06/14/2024	07/31/2025
Texas	NELAP (Secondary)	T104704494	02/12/2025	01/31/2026
USDA	Domestic CA	Soil-MI-007	02/06/2025	08/07/2026
USDA	Soil Import	525-23-62-77572	03/03/2023	03/03/2026
West Virginia	State Specific	355	06/07/2025	08/31/2026
Wisconsin	State Specific	399084510	08/15/2024	08/31/2025

1 - Scope available upon request

ANALYST SUMMARY

Client: The Mannik & Smith Group, Inc. **Work Order:** HN2511533
Project: 7415 Nett

Sample Name: 7415 SB01 (3-4) **Date Collected:** 08/13/25
Laboratory Code: HN2511533-001 **Date Received:** 08/15/25
Sample Matrix: SOIL/SOLID

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		001-AC	2170198		3416413	Nicole Maleski
EPA 6020B	EPA 3050B	001-AC	2170128	Weston Kotecki	3418159	Hunter Johnson
EPA 7471B	Method	001-AC	2172932	Maxx Richey	3422787	Maxx Richey
EPA 8081B		001-AD			3490946	Bill Carey
EPA 8082A		001-AD			3490946	Bill Carey
EPA 8151A		001-AD			3490946	Bill Carey
EPA 8260D	EPA 5035A	001-AA	2162930	Jonathan Vazquez	3431701	John Garvale
EPA 8270E		001-AD			3490946	Bill Carey
EPA 9056A	EPA 9056A	001-AC	2166599	Quoc Nguyen	3412595	Riley Miller

Sample Name: 7415 SB02 (5-6) **Date Collected:** 08/13/25
Laboratory Code: HN2511533-002 **Date Received:** 08/15/25
Sample Matrix: SOIL/SOLID

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		002-AC	2170198		3416413	Nicole Maleski
EPA 6020B	EPA 3050B	002-AC	2170128	Weston Kotecki	3418159	Hunter Johnson
EPA 7471B	Method	002-AC	2172932	Maxx Richey	3422787	Maxx Richey
EPA 8081B		002-AD			3490946	Bill Carey
EPA 8082A		002-AD			3490946	Bill Carey
EPA 8151A		002-AD			3490946	Bill Carey
EPA 8260D	EPA 5035A	002-AA	2162930	Jonathan Vazquez	3434986	John Garvale
EPA 8270E		002-AD			3490946	Bill Carey
EPA 9056A	EPA 9056A	002-AC	2166599	Quoc Nguyen	3412595	Riley Miller

Sample Name: 7415 SB03 (1-2) **Date Collected:** 08/13/25
Laboratory Code: HN2511533-003 **Date Received:** 08/15/25
Sample Matrix: SOIL/SOLID

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		003-AC	2170198		3416413	Nicole Maleski

ANALYST SUMMARY

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2511533
Project:	7415 Nett		

Sample Name:	7415 SB03 (1-2)	**Date Collected:**	08/13/25
Laboratory Code:	HN2511533-003	**Date Received:**	08/15/25
Sample Matrix:	SOIL/SOLID		

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 6020B	EPA 3050B	003-AC	2170128	Weston Kotecki	3418159	Hunter Johnson
EPA 7471B	Method	003-AC	2172932	Maxx Richey	3422787	Maxx Richey
EPA 8081B		003-AD			3490946	Bill Carey
EPA 8082A		003-AD			3490946	Bill Carey
EPA 8151A		003-AD			3490946	Bill Carey
EPA 8260D	EPA 5035A	003-AA	2162930	Jonathan Vazquez	3434986	John Garvale
EPA 8270E		003-AD			3490946	Bill Carey
EPA 9056A	EPA 9056A	003-AC	2166599	Quoc Nguyen	3412595	Riley Miller

Analytical Report

Client: The Mannik & Smith Group, Inc.
Project: 7415 Nett
Matrix: SOIL/SOLID

Work Order: HN2511533
Date Collected: 08/13/25 09:00
Date Received: 08/15/25 08:00

CLIENT ID: 7415 SB01 (3-4) **Lab ID: HN2511533-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
General Chemistry Parameters								
Percent Moisture	EPA 3550C	**8.8**		%	0.1	1	08/20/25 14:08	NA
Chloride	EPA 9056A	**60.2**		mg/kg	10.9	1	08/18/25 22:25	08/18/25 15:49
Metals								
Arsenic	EPA 6020B	**3.68**		mg/kg	3.32	10	08/20/25 21:47	08/20/25 10:10
Barium	EPA 6020B	**60.8**		mg/kg	3.32	10	08/20/25 21:47	08/20/25 10:10
Cadmium	EPA 6020B	ND		mg/kg	1.33	10	08/20/25 21:47	08/20/25 10:10
Chromium	EPA 6020B	**13.5**		mg/kg	3.32	10	08/20/25 21:47	08/20/25 10:10
Copper	EPA 6020B	**12.5**		mg/kg	3.32	10	08/20/25 21:47	08/20/25 10:10
Lead	EPA 6020B	**31.4**		mg/kg	3.32	10	08/20/25 21:47	08/20/25 10:10
Selenium	EPA 6020B	ND		mg/kg	3.32	10	08/20/25 21:47	08/20/25 10:10
Silver	EPA 6020B	ND		mg/kg	3.32	10	08/20/25 21:47	08/20/25 10:10
Zinc	EPA 6020B	**46.9**		mg/kg	6.65	10	08/20/25 21:47	08/20/25 10:10
Mercury	EPA 7471B	**0.0333**		mg/kg	0.0200	1	08/22/25 09:18	08/21/25 15:34
Subcontracted Parameters								
Subcontract Analysis	EPA 8081B	**See attached.**		-		1	09/12/25 16:29	NA
Subcontract Analysis	EPA 8082A	**See attached.**		-		1	09/12/25 16:29	NA
Subcontract Analysis	EPA 8151A	**See attached.**		-		1	09/12/25 16:29	NA
Subcontract Analysis	EPA 8270E	**See attached.**		-		1	09/12/25 16:29	NA
Volatile Organic Compounds by GC-MS								
1,1,1-Trichloroethane	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
1,1,2,2-Tetrachloroethane	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
1,1,2-Trichloroethane	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
1,1-Dichloroethane	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
1,1-Dichloroethylene	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
1,2,3-Trichlorobenzene	EPA 8260D	ND		µg/kg	106	1	08/23/25 06:35	08/15/25 15:57
1,2,3-Trichloropropane	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
1,2,4-Trichlorobenzene	EPA 8260D	ND		µg/kg	106	1	08/23/25 06:35	08/15/25 15:57
1,2,4-Trimethylbenzene	EPA 8260D	**224**		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	ND		µg/kg	106	1	08/23/25 06:35	08/15/25 15:57

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2511533
Project:	7415 Nett	**Date Collected:**	08/13/25 09:00
Matrix:	SOIL/SOLID	**Date Received:**	08/15/25 08:00

CLIENT ID: 7415 SB01 (3-4) **Lab ID: HN2511533-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	ND		µg/kg	106	1	08/23/25 06:35	08/15/25 15:57
1,2-Dichloropropane	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
1,3,5-Trimethylbenzene	EPA 8260D	ND		µg/kg	106	1	08/23/25 06:35	08/15/25 15:57
1,3-Dichlorobenzene (m-Dichlorobenzene)	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
1,3-Dichloropropene	EPA 8260D	ND		µg/kg	63.7	1	08/23/25 06:35	08/15/25 15:57
1,4-Dichlorobenzene (p-Dichlorobenzene)	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	ND		µg/kg	212	1	08/23/25 06:35	08/15/25 15:57
2-Hexanone	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
4-Methyl-2-pentanone (MIBK)	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Acetone	EPA 8260D	**166**		µg/kg	106	1	08/23/25 06:35	08/15/25 15:57
Benzene	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Bromochloromethane	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Bromodichloromethane	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Bromoform	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Carbon disulfide	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Carbon tetrachloride	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Chlorobenzene	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Chlorodibromomethane	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Chloroethane (Ethyl chloride)	EPA 8260D	ND		µg/kg	106	1	08/23/25 06:35	08/15/25 15:57
Chloroform	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
cis & trans-1,2-Dichloroethene	EPA 8260D	ND		µg/kg	63.7	1	08/23/25 06:35	08/15/25 15:57
cis-1,2-Dichloroethylene	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
cis-1,3-Dichloropropene	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Cyclohexane	EPA 8260D	ND		µg/kg	106	1	08/23/25 06:35	08/15/25 15:57
Dichlorodifluoromethane (Freon-12)	EPA 8260D	ND		µg/kg	106	1	08/23/25 06:35	08/15/25 15:57
Ethylbenzene	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Isopropylbenzene	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2511533
Project:	7415 Nett	**Date Collected:**	08/13/25 09:00
Matrix:	SOIL/SOLID	**Date Received:**	08/15/25 08:00

CLIENT ID: 7415 SB01 (3-4) **Lab ID: HN2511533-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
m+p-Xylene	EPA 8260D	ND		µg/kg	63.7	1	08/23/25 06:35	08/15/25 15:57
Methyl acetate	EPA 8260D	**439**		µg/kg	265	1	08/23/25 06:35	08/15/25 15:57
Methyl bromide (Bromomethane)	EPA 8260D	ND		µg/kg	106	1	08/23/25 06:35	08/15/25 15:57
Methyl chloride (Chloromethane)	EPA 8260D	ND		µg/kg	106	1	08/23/25 06:35	08/15/25 15:57
Methyl tert-butyl ether (MTBE)	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Methylcyclohexane	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Methylene chloride (Dichloromethane)	EPA 8260D	ND		µg/kg	265	1	08/23/25 06:35	08/15/25 15:57
o-Xylene	EPA 8260D	**35.0**		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Styrene	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Toluene	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Total Xylene	EPA 8260D	ND		µg/kg	95.6	1	08/23/25 06:35	08/15/25 15:57
trans-1,2-Dichloroethylene	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
trans-1,3-Dichloropropylene	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Trichloroethene (Trichloroethylene)	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Vinyl chloride (Chloroethene)	EPA 8260D	ND		µg/kg	31.8	1	08/23/25 06:35	08/15/25 15:57
Surr: 1,2-Dichloroethane-d4	*EPA 8260D*	***100***		*%REC*	*80-120*	*1*	*08/23/25 06:35*	*08/15/25 15:57*
Surr: 4-Bromofluorobenzene	*EPA 8260D*	***102***		*%REC*	*80-120*	*1*	*08/23/25 06:35*	*08/15/25 15:57*
Surr: Dibromofluoromethane	*EPA 8260D*	***94.0***		*%REC*	*72-120*	*1*	*08/23/25 06:35*	*08/15/25 15:57*
Surr: Toluene-d8	*EPA 8260D*	***104***		*%REC*	*80-120*	*1*	*08/23/25 06:35*	*08/15/25 15:57*

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2511533
Project:	7415 Nett	**Date Collected:**	08/13/25 09:05
Matrix:	SOIL/SOLID	**Date Received:**	08/15/25 08:00

CLIENT ID: 7415 SB02 (5-6) **Lab ID: HN2511533-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
General Chemistry Parameters								
Percent Moisture	EPA 3550C	**11.9**		%	0.1	1	08/20/25 14:08	NA
Chloride	EPA 9056A	**74.5**		mg/kg	11.4	1	08/18/25 22:33	08/18/25 15:49
Metals								
Arsenic	EPA 6020B	**4.72**		mg/kg	2.95	10	08/20/25 21:49	08/20/25 10:10
Barium	EPA 6020B	**77.9**		mg/kg	2.95	10	08/20/25 21:49	08/20/25 10:10
Cadmium	EPA 6020B	ND		mg/kg	1.18	10	08/20/25 21:49	08/20/25 10:10
Chromium	EPA 6020B	**11.3**		mg/kg	2.95	10	08/20/25 21:49	08/20/25 10:10
Copper	EPA 6020B	**16.8**		mg/kg	2.95	10	08/20/25 21:49	08/20/25 10:10
Lead	EPA 6020B	**75.5**		mg/kg	2.95	10	08/20/25 21:49	08/20/25 10:10
Selenium	EPA 6020B	ND		mg/kg	2.95	10	08/20/25 21:49	08/20/25 10:10
Silver	EPA 6020B	ND		mg/kg	2.95	10	08/20/25 21:49	08/20/25 10:10
Zinc	EPA 6020B	**67.7**		mg/kg	5.89	10	08/20/25 21:49	08/20/25 10:10
Mercury	EPA 7471B	**0.0353**		mg/kg	0.0200	1	08/22/25 09:20	08/21/25 15:34
Subcontracted Parameters								
Subcontract Analysis	EPA 8081B	**See attached.**		-		1	09/12/25 16:29	NA
Subcontract Analysis	EPA 8082A	**See attached.**		-		1	09/12/25 16:29	NA
Subcontract Analysis	EPA 8151A	**See attached.**		-		1	09/12/25 16:29	NA
Subcontract Analysis	EPA 8270E	**See attached.**		-		1	09/12/25 16:29	NA
Volatile Organic Compounds by GC-MS								
1,1,1-Trichloroethane	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
1,1,2,2-Tetrachloroethane	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
1,1,2-Trichloroethane	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
1,1-Dichloroethane	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
1,1-Dichloroethylene	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
1,2,3-Trichlorobenzene	EPA 8260D	ND		µg/kg	114	1	08/26/25 03:17	08/15/25 15:57
1,2,3-Trichloropropane	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
1,2,4-Trichlorobenzene	EPA 8260D	ND		µg/kg	114	1	08/26/25 03:17	08/15/25 15:57
1,2,4-Trimethylbenzene	EPA 8260D	**104**		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	ND		µg/kg	114	1	08/26/25 03:17	08/15/25 15:57

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2511533
Project:	7415 Nett	**Date Collected:**	08/13/25 09:05
Matrix:	SOIL/SOLID	**Date Received:**	08/15/25 08:00

CLIENT ID: 7415 SB02 (5-6) **Lab ID: HN2511533-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	ND		µg/kg	114	1	08/26/25 03:17	08/15/25 15:57
1,2-Dichloropropane	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
1,3,5-Trimethylbenzene	EPA 8260D	ND		µg/kg	114	1	08/26/25 03:17	08/15/25 15:57
1,3-Dichlorobenzene (m-Dichlorobenzene)	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
1,3-Dichloropropene	EPA 8260D	ND		µg/kg	68.3	1	08/26/25 03:17	08/15/25 15:57
1,4-Dichlorobenzene (p-Dichlorobenzene)	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	ND		µg/kg	228	1	08/26/25 03:17	08/15/25 15:57
2-Hexanone	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
4-Methyl-2-pentanone (MIBK)	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Acetone	EPA 8260D	**214**		µg/kg	114	1	08/26/25 03:17	08/15/25 15:57
Benzene	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Bromochloromethane	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Bromodichloromethane	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Bromoform	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Carbon disulfide	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Carbon tetrachloride	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Chlorobenzene	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Chlorodibromomethane	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Chloroethane (Ethyl chloride)	EPA 8260D	ND		µg/kg	114	1	08/26/25 03:17	08/15/25 15:57
Chloroform	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
cis & trans-1,2-Dichloroethene	EPA 8260D	ND		µg/kg	68.3	1	08/26/25 03:17	08/15/25 15:57
cis-1,2-Dichloroethylene	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
cis-1,3-Dichloropropene	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Cyclohexane	EPA 8260D	ND		µg/kg	114	1	08/26/25 03:17	08/15/25 15:57
Dichlorodifluoromethane (Freon-12)	EPA 8260D	ND		µg/kg	114	1	08/26/25 03:17	08/15/25 15:57
Ethylbenzene	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Isopropylbenzene	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2511533
Project:	7415 Nett	**Date Collected:**	08/13/25 09:05
Matrix:	SOIL/SOLID	**Date Received:**	08/15/25 08:00

CLIENT ID: 7415 SB02 (5-6) **Lab ID: HN2511533-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
m+p-Xylene	EPA 8260D	ND		µg/kg	68.3	1	08/26/25 03:17	08/15/25 15:57
Methyl acetate	EPA 8260D	**504**		µg/kg	285	1	08/26/25 03:17	08/15/25 15:57
Methyl bromide (Bromomethane)	EPA 8260D	ND		µg/kg	114	1	08/26/25 03:17	08/15/25 15:57
Methyl chloride (Chloromethane)	EPA 8260D	ND		µg/kg	114	1	08/26/25 03:17	08/15/25 15:57
Methyl tert-butyl ether (MTBE)	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Methylcyclohexane	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Methylene chloride (Dichloromethane)	EPA 8260D	ND		µg/kg	285	1	08/26/25 03:17	08/15/25 15:57
o-Xylene	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Styrene	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Toluene	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Total Xylene	EPA 8260D	ND		µg/kg	102	1	08/26/25 03:17	08/15/25 15:57
trans-1,2-Dichloroethylene	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
trans-1,3-Dichloropropylene	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Trichloroethene (Trichloroethylene)	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Vinyl chloride (Chloroethene)	EPA 8260D	ND		µg/kg	34.2	1	08/26/25 03:17	08/15/25 15:57
Surr: 1,2-Dichloroethane-d4	*EPA 8260D*	***94.8***		*%REC*	*80-120*	*1*	*08/26/25 03:17*	*08/15/25 15:57*
Surr: 4-Bromofluorobenzene	*EPA 8260D*	***101***		*%REC*	*80-120*	*1*	*08/26/25 03:17*	*08/15/25 15:57*
Surr: Dibromofluoromethane	*EPA 8260D*	***92.3***		*%REC*	*72-120*	*1*	*08/26/25 03:17*	*08/15/25 15:57*
Surr: Toluene-d8	*EPA 8260D*	***99.6***		*%REC*	*80-120*	*1*	*08/26/25 03:17*	*08/15/25 15:57*

Analytical Report

Client: The Mannik & Smith Group, Inc.
Project: 7415 Nett
Matrix: SOIL/SOLID

Work Order: HN2511533
Date Collected: 08/13/25 09:10
Date Received: 08/15/25 08:00

CLIENT ID: 7415 SB03 (1-2) **Lab ID: HN2511533-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
General Chemistry Parameters								
Percent Moisture	EPA 3550C	**14.0**		%	0.1	1	08/20/25 14:08	NA
Chloride	EPA 9056A	**67.4**		mg/kg	11.5	1	08/18/25 22:41	08/18/25 15:49
Metals								
Arsenic	EPA 6020B	**10.2**		mg/kg	3.48	10	08/20/25 21:50	08/20/25 10:10
Barium	EPA 6020B	**69.6**		mg/kg	3.48	10	08/20/25 21:50	08/20/25 10:10
Cadmium	EPA 6020B	ND		mg/kg	1.39	10	08/20/25 21:50	08/20/25 10:10
Chromium	EPA 6020B	**17.8**		mg/kg	3.48	10	08/20/25 21:50	08/20/25 10:10
Copper	EPA 6020B	**17.6**		mg/kg	3.48	10	08/20/25 21:50	08/20/25 10:10
Lead	EPA 6020B	**12.2**		mg/kg	3.48	10	08/20/25 21:50	08/20/25 10:10
Selenium	EPA 6020B	ND		mg/kg	3.48	10	08/20/25 21:50	08/20/25 10:10
Silver	EPA 6020B	ND		mg/kg	3.48	10	08/20/25 21:50	08/20/25 10:10
Zinc	EPA 6020B	**49.6**		mg/kg	6.97	10	08/20/25 21:50	08/20/25 10:10
Mercury	EPA 7471B	**0.0217**		mg/kg	0.0204	1	08/22/25 09:21	08/21/25 15:34
Subcontracted Parameters								
Subcontract Analysis	EPA 8081B	**See attached.**		-		1	09/12/25 16:29	NA
Subcontract Analysis	EPA 8082A	**See attached.**		-		1	09/12/25 16:29	NA
Subcontract Analysis	EPA 8151A	**See attached.**		-		1	09/12/25 16:29	NA
Subcontract Analysis	EPA 8270E	**See attached.**		-		1	09/12/25 16:29	NA
Volatile Organic Compounds by GC-MS								
1,1,1-Trichloroethane	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
1,1,2,2-Tetrachloroethane	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
1,1,2-Trichloroethane	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
1,1-Dichloroethane	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
1,1-Dichloroethylene	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
1,2,3-Trichlorobenzene	EPA 8260D	ND		µg/kg	100	1	08/26/25 03:35	08/15/25 15:57
1,2,3-Trichloropropane	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
1,2,4-Trichlorobenzene	EPA 8260D	ND		µg/kg	100	1	08/26/25 03:35	08/15/25 15:57
1,2,4-Trimethylbenzene	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	ND		µg/kg	100	1	08/26/25 03:35	08/15/25 15:57

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2511533
Project:	7415 Nett	**Date Collected:**	08/13/25 09:10
Matrix:	SOIL/SOLID	**Date Received:**	08/15/25 08:00

CLIENT ID: 7415 SB03 (1-2) **Lab ID: HN2511533-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	ND		µg/kg	100	1	08/26/25 03:35	08/15/25 15:57
1,2-Dichloropropane	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
1,3,5-Trimethylbenzene	EPA 8260D	ND		µg/kg	100	1	08/26/25 03:35	08/15/25 15:57
1,3-Dichlorobenzene (m-Dichlorobenzene)	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
1,3-Dichloropropene	EPA 8260D	ND		µg/kg	60.4	1	08/26/25 03:35	08/15/25 15:57
1,4-Dichlorobenzene (p-Dichlorobenzene)	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	ND		µg/kg	201	1	08/26/25 03:35	08/15/25 15:57
2-Hexanone	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
4-Methyl-2-pentanone (MIBK)	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Acetone	EPA 8260D	ND		µg/kg	100	1	08/26/25 03:35	08/15/25 15:57
Benzene	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Bromochloromethane	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Bromodichloromethane	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Bromoform	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Carbon disulfide	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Carbon tetrachloride	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Chlorobenzene	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Chlorodibromomethane	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Chloroethane (Ethyl chloride)	EPA 8260D	ND		µg/kg	100	1	08/26/25 03:35	08/15/25 15:57
Chloroform	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
cis & trans-1,2-Dichloroethene	EPA 8260D	ND		µg/kg	60.4	1	08/26/25 03:35	08/15/25 15:57
cis-1,2-Dichloroethylene	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
cis-1,3-Dichloropropene	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Cyclohexane	EPA 8260D	ND		µg/kg	100	1	08/26/25 03:35	08/15/25 15:57
Dichlorodifluoromethane (Freon-12)	EPA 8260D	ND		µg/kg	100	1	08/26/25 03:35	08/15/25 15:57
Ethylbenzene	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Isopropylbenzene	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2511533
Project:	7415 Nett	**Date Collected:**	08/13/25 09:10
Matrix:	SOIL/SOLID	**Date Received:**	08/15/25 08:00

CLIENT ID: 7415 SB03 (1-2) **Lab ID: HN2511533-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
m+p-Xylene	EPA 8260D	ND		µg/kg	60.4	1	08/26/25 03:35	08/15/25 15:57
Methyl acetate	EPA 8260D	ND		µg/kg	251	1	08/26/25 03:35	08/15/25 15:57
Methyl bromide (Bromomethane)	EPA 8260D	ND		µg/kg	100	1	08/26/25 03:35	08/15/25 15:57
Methyl chloride (Chloromethane)	EPA 8260D	ND		µg/kg	100	1	08/26/25 03:35	08/15/25 15:57
Methyl tert-butyl ether (MTBE)	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Methylcyclohexane	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Methylene chloride (Dichloromethane)	EPA 8260D	ND		µg/kg	251	1	08/26/25 03:35	08/15/25 15:57
o-Xylene	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Styrene	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Toluene	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Total Xylene	EPA 8260D	ND		µg/kg	90.5	1	08/26/25 03:35	08/15/25 15:57
trans-1,2-Dichloroethylene	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
trans-1,3-Dichloropropylene	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Trichloroethene (Trichloroethylene)	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Vinyl chloride (Chloroethene)	EPA 8260D	ND		µg/kg	30.2	1	08/26/25 03:35	08/15/25 15:57
Surr: 1,2-Dichloroethane-d4	*EPA 8260D*	***93.9***		*%REC*	*80-120*	*1*	*08/26/25 03:35*	*08/15/25 15:57*
Surr: 4-Bromofluorobenzene	*EPA 8260D*	***98.3***		*%REC*	*80-120*	*1*	*08/26/25 03:35*	*08/15/25 15:57*
Surr: Dibromofluoromethane	*EPA 8260D*	***91.0***		*%REC*	*72-120*	*1*	*08/26/25 03:35*	*08/15/25 15:57*
Surr: Toluene-d8	*EPA 8260D*	***98.5***		*%REC*	*80-120*	*1*	*08/26/25 03:35*	*08/15/25 15:57*

November 21, 2025 Service Request No:R2510173

Bill Carey
ALS Environmental - Holland
3352 128th Avenue
Holland, MI 49424

Laboratory Results for: 7415 Nett

Dear Bill,

Enclosed are the results of the sample(s) submitted to our laboratory August 20, 2025
For your reference, these analyses have been assigned our service request number **R2510173.**

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7476. You may also contact me via email at Chris.Leavy@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Christopher Leavy
Project Manager

ADDRESS 1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
PHONE +1 585 288 5380 | FAX +1 585 288 8475
ALS Group USA, Corp.
dba ALS Environmental

Narrative Documents

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: ALS Environmental - US
Project: 7415 Nett
Sample Matrix: Soil

Service Request: R2510173
Date Received: 08/20/2025

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Three soil samples were received for analysis at ALS Environmental on 08/20/2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Semivolatiles by GC/MS:

Method 8270E, 891277: The reporting limit is elevated for one or more analytes. The sample extract was diluted prior to instrumental analysis due to relatively high levels of non-target background components. The extract was highly colored and viscous, which indicated the need to perform a dilution prior to injection into the instrument. The result(s) are flagged to indicate the matrix interference.
Method 8270E: The Method Reporting Limit (MRL) was elevated due to less than optimal sample mass (15g) used in the microwave preparation process. The nature of the sample necessitated using less mass of sample to avoid overheating. Overheating causes the extraction solvent to vent out of the vessel and may cause damage to the microwave vessels.

Semivoa GC:

Method 8081B, 09/11/2025: The control limits were exceeded for analytes in the Continuing Calibration Verification (CCV). The QC failure was most likely due to the composition of the sample(s) immediately preceding the failing CCV. In order to protect the integrity of the instrument, no further corrective action was taken. Results should be considered estimated.
Method 8151A: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV) on one detector. All recoveries were acceptable on the secondary detector. Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

General Chemistry:

No significant anomalies were noted with this analysis.

Approved by _____ Date 11/21/2025

SAMPLE DETECTION SUMMARY

This form includes only detections above the reporting levels. For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: 7415 SB02 (3-4)			Lab ID: R2510173-002			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
4,4'-DDD	18		2.0	3.8	ug/Kg	8081B
4,4'-DDE	80		2.0	3.8	ug/Kg	8081B
4,4'-DDT	9.5		2.0	3.8	ug/Kg	8081B
alpha-Chlordane	4.6		2.0	3.8	ug/Kg	8081B
gamma-Chlordane	4.3		2.0	3.8	ug/Kg	8081B
Total Solids	88.1				Percent	ALS SOP

CLIENT ID: 7415 SB03 (5-6)			Lab ID: R2510173-003			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
4,4'-DDD	20		2.0	3.9	ug/Kg	8081B
4,4'-DDE	75		2.0	3.9	ug/Kg	8081B
4,4'-DDT	8.2	P	2.0	3.9	ug/Kg	8081B
alpha-Chlordane	9.1		2.0	3.9	ug/Kg	8081B
gamma-Chlordane	7.4		2.0	3.9	ug/Kg	8081B
Total Solids	86.0				Percent	ALS SOP

CLIENT ID: 7415 SB01 (1-2)			Lab ID: R2510173-001			
Analyte	**Results**	**Flag**	**MDL**	**MRL**	**Units**	**Method**
4,4'-DDE	3.9	J	2.8	5.5	ug/Kg	8081B
Total Solids	91.2				Percent	ALS SOP

Sample Receipt Information

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: ALS Environmental - US **Service Request:**R2510173
Project: 7415 Nett

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
R2510173-001	7415 SB01 (1-2)	8/13/2025	0900
R2510173-002	7415 SB02 (3-4)	8/13/2025	0905
R2510173-003	7415 SB03 (5-6)	8/13/2025	0910

ALS Group USA, Corp.
3352 128th Ave Holland Michigan 49424 United States
T+1 616 399 6070 | F

right solutions. right partner.

Subcontract Chain of Custody

SAMPLING STATE:

COC ID: HN2511533

Subcontract To:
Rochester - Environmental TEL: +1 585 288 5380
1565 Jefferson Road, Building 300, Suite 360 FAX:
Rochester New York 14623.

Due Date: 08/26/2025
Analysis Report Format: ALS Standard – Level II
Electronic Data Deliverable:

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		**Project Name**	7415 Nett	**A**	EPA 8081B-3546-S (INT SUB)
Work Order	HN2511533			**B**	EPA 8082A-3546-S (INT SUB)
Company Name	Holland - Environmental	**Bill To Company**	Holland - Environmental	**C**	EPA 8151A-S (INT SUB)
Send Report To	Bill Carey	**Inv Attn**	Accounts Payable	**D**	EPA 8270E-TCL-3546-S (INT SUB)
Address	3352 128th Ave	**Address**	3352 128th Ave	**E**	
				F	
City/State/Zip	Holland Michigan 49424	**City/State/Zip**	Holland Michigan 49424	**G**	
Phone	+1 616 399 6070	**Phone**	+1 616 399 6070	**H**	
Fax		**Fax**		**I**	
Email Address	bill.carey@alsglobal.com			**J**	

ALS Sample ID	Client Sample ID	Matrix	Collection Date	Bottle	A	B	C	D	E	F	G	H	I	J
HN2511533-001	7415 SB01 (3-4)	Soil/Solid	08/13/2025 09:00	001-AD	x	x	x	x						
HN2511533-002	7415 SB02 (5-6)	Soil/Solid	08/13/2025 09:05	002-AD	x	x	x	x						
HN2511533-003	7415 SB03 (1-2)	Soil/Solid	08/13/2025 09:10	003-AD	x	x	x	x						

Relinquished by	Date Time	Received by	Date Time
		Pam Hemmes	8/20/25 9:30
Relinquished by	**Date Time**	**Received by**	**Date Time**
Sampled by			

Cooler ID's

Cooler Receipt and Preservation Check Form

Project/Client _____ Folder Number _____

Cooler received on 8/20/25 by: RM

COURIER: ALS UPS (FEDEX) VELOCITY CLIENT

1	Were **Custody seals** on outside of cooler?	Y (N)	
2	**Custody papers** properly completed (ink, signed)?	(Y) N	
3	Did all bottles arrive in good **condition** (unbroken)?	(Y) N	
4	Circle: (Wet Ice) **Dry Ice Gel packs** present?	(Y) N	

5a	Did **VOA** vials have sig* **bubbles?**	Y N (NA)	
5b	Sig* bubbles: **Alk?**	Y N (NA)	**Sulfide?** Y N (NA)
6	Where did the bottles originate?	ALS/ROC (CLIENT)	
7	Soil VOA received as: Bulk Encore 5035set (NA)		

8. Temperature Readings Date: 8/20/25 Time: 10:01 ID: IR#12 (IR#11) From: Temp Blank (Sample Bottle)

Temp (°C)	4.7	4.5	5.5				
Within 0-6°C?	(Y) N	(Y) N	(Y) N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) Same Day Rule

&Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: SMO by RM on 8/20 at 12:16
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 8/20/25 Time: 16:24 by: MM

9. Were all bottle labels complete (*i.e.* analysis, preservation, etc.)? (YES) NO
10. Did all bottle labels and tags agree with custody papers? (YES) NO
11. Were correct containers used for the tests indicated? (YES) NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO (N/A)
13. Were dissolved metals filtered in the field? YES NO (N/A)
14. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated (N/A)

pH	Lot of test paper	Reagent	Preserved? Yes	Preserved? No	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH								
≤2		HNO_3								
≤2		H_2SO_4								
<4		$NaHSO_4$								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add $Na_2S_2O_3$ (625, 608, CN), ascorbic (phenol).					
		$Na_2S_2O_3$								
		ZnAcetate	-	-			**VOAs and 1664 Not to be tested before analysis. Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).			
		HCl	**	**						

Bottle lot numbers: 062325-1SR

Explain all Discrepancies/ Other Comments:

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: MM

*significant air bubbles: VOA > 5-6 mm : WC >1 in. diameter

Miscellaneous Forms

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Arclors).
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.
E	Organics- Concentration has exceeded the calibration range for that specific analysis.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.
#	Spike was diluted out.
+	Correlation coefficient for MSA is <0.995.
N	Inorganics- Matrix spike recovery was outside laboratory limits.
N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
S	Concentration has been determined using Method of Standard Additions (MSA).
W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
P	Concentration >40% difference between the two GC columns.
C	Confirmed by GC/MS
Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (≥100% Difference between two GC columns).
X	See Case Narrative for discussion.
MRL LOQ	Method Reporting Limit. Also known as: Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.

Rochester Lab ID # for State Accreditations[1]

NELAP States
Florida ID # E87674
New Hampshire ID # 2941
New York ID # 10145
Pennsylvania ID# 68-786
Texas ID#T104704581
Virginia #460167

Non-NELAP States
Connecticut ID #PH0556
Delaware Approved
Maine ID #NY01587
North Carolina #36701
North Carolina #676
Rhode Island LAO00333

[1] Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory. To verify NH accredited analytes, go to https://www4.des.state.nh.us/CertifiedLabs/Certified-Method.aspx.

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: ALS Environmental - US **Service Request:** R2510173
Project: 7415 Nett

Non-Certified Analytes

Certifying Agency: New York Department of Health

Method	Matrix	Analyte
8270E	Soil	1-Methylnaphthalene
ALS SOP	Soil	Total Solids

Client: ALS Environmental - US **Service Request:** R2510173
Project: 7415 Nett/

Sample Name: 7415 SB01 (1-2) **Date Collected:** 08/13/25
Lab Code: R2510173-001 **Date Received:** 08/20/25
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8151A	JVANHEYNINGEN	AFELSER
8270E	JVANHEYNINGEN	AMOSES
ALS SOP		CKUTZER

Sample Name: 7415 SB02 (3-4) **Date Collected:** 08/13/25
Lab Code: R2510173-002 **Date Received:** 08/20/25
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8151A	JVANHEYNINGEN	AFELSER
8270E	JVANHEYNINGEN	AMOSES
ALS SOP		CKUTZER

Sample Name: 7415 SB03 (5-6) **Date Collected:** 08/13/25
Lab Code: R2510173-003 **Date Received:** 08/20/25
Sample Matrix: Soil

Analysis Method	Extracted/Digested By	Analyzed By
8081B	JVANHEYNINGEN	AFELSER
8082A	JVANHEYNINGEN	AFELSER
8151A	JVANHEYNINGEN	AFELSER
8270E	JVANHEYNINGEN	AMOSES
ALS SOP		CKUTZER

PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

INORGANIC

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7 / 200.8	200.2
6010D	3005A/3010A
6020B	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-N-2016 Amenable and Residual Cyanide	SM 4500-CN-G and SM 4500-CN-B,C-2016
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010D	3050B
6010D TCLP (1311) extract	3005A/3010A
6010D SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	

ORGANIC

Preparation Methods for Organic methods are listed in the header of the Results pages.

Regarding "Bulk/5035A":
For soil/solid samples submitted in soil jars for Volatiles analysis, the prep method is listed as "Bulk/5035A". The lab follows the closed-system EPA 5035A protocols once the sample is transferred to a sealed vial, but collection in bulk in soil jars does not follow the collection protocols listed in EPA 5035A. In accordance with the NYSDOH technical notice of October 2012, all results or reporting limits <200 ug/kg are to be considered estimated due to potential low bias.

Sample Results

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
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Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	08/13/25 09:00
Sample Matrix:	Soil	**Date Received:**	08/20/25 09:30
Sample Name:	7415 SB01 (1-2)	**Units:**	ug/Kg
Lab Code:	R2510173-001	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270E
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1-Methylnaphthalene	200 U	1100	200	1	08/27/25 19:22	8/26/25	
1,2,4,5-Tetrachlorobenzene	240 U	1100	240	1	08/27/25 19:22	8/26/25	
2-Methylnaphthalene	380 U	1100	380	1	08/27/25 19:22	8/26/25	
Acenaphthene	200 U	1100	200	1	08/27/25 19:22	8/26/25	
Acenaphthylene	220 U	1100	220	1	08/27/25 19:22	8/26/25	
Anthracene	180 U	1100	180	1	08/27/25 19:22	8/26/25	
Benz(a)anthracene	160 U	1100	160	1	08/27/25 19:22	8/26/25	
Benzo(a)pyrene	290 U	1100	290	1	08/27/25 19:22	8/26/25	
Benzo(b)fluoranthene	180 U	1100	180	1	08/27/25 19:22	8/26/25	
Benzo(g,h,i)perylene	250 U	1100	250	1	08/27/25 19:22	8/26/25	
1,4-Dichlorobenzene	180 U	1100	180	1	08/27/25 19:22	8/26/25	
Benzo(k)fluoranthene	180 U	1100	180	1	08/27/25 19:22	8/26/25	
Biphenyl	320 U	1100	320	1	08/27/25 19:22	8/26/25	
Chrysene	160 U	1100	160	1	08/27/25 19:22	8/26/25	
Dibenz(a,h)anthracene	230 U	1100	230	1	08/27/25 19:22	8/26/25	
1,4-Dioxane	110 U	220	110	1	08/27/25 19:22	8/26/25	
Dibenzofuran	200 U	1100	200	1	08/27/25 19:22	8/26/25	
Fluoranthene	270 U	1100	270	1	08/27/25 19:22	8/26/25	
Fluorene	200 U	1100	200	1	08/27/25 19:22	8/26/25	
Indeno(1,2,3-cd)pyrene	350 U	1100	350	1	08/27/25 19:22	8/26/25	
Naphthalene	200 U	1100	200	1	08/27/25 19:22	8/26/25	
Phenanthrene	150 U	1100	150	1	08/27/25 19:22	8/26/25	
Pyrene	180 U	1100	180	1	08/27/25 19:22	8/26/25	
2,3,4,6-Tetrachlorophenol	370 U	1100	370	1	08/27/25 19:22	8/26/25	
2,4,5-Trichlorophenol	270 U	1100	270	1	08/27/25 19:22	8/26/25	
2,4,6-Trichlorophenol	240 U	1100	240	1	08/27/25 19:22	8/26/25	
2,4-Dichlorophenol	210 U	1100	210	1	08/27/25 19:22	8/26/25	
2,4-Dimethylphenol	190 U	1100	190	1	08/27/25 19:22	8/26/25	
2,4-Dinitrophenol	1800 U	5500	1800	1	08/27/25 19:22	8/26/25	
2,4-Dinitrotoluene	410 U	1100	410	1	08/27/25 19:22	8/26/25	
2,6-Dinitrotoluene	240 U	1100	240	1	08/27/25 19:22	8/26/25	
2-Chloronaphthalene	220 U	1100	220	1	08/27/25 19:22	8/26/25	
2-Chlorophenol	180 U	1100	180	1	08/27/25 19:22	8/26/25	
2-Methylphenol	220 U	1100	220	1	08/27/25 19:22	8/26/25	
2-Nitroaniline	250 U	5500	250	1	08/27/25 19:22	8/26/25	
2-Nitrophenol	250 U	1100	250	1	08/27/25 19:22	8/26/25	
3,3'-Dichlorobenzidine	390 U	1100	390	1	08/27/25 19:22	8/26/25	
3- and 4-Methylphenol Coelution	210 U	1100	210	1	08/27/25 19:22	8/26/25	
3-Nitroaniline	220 U	5500	220	1	08/27/25 19:22	8/26/25	
4,6-Dinitro-2-methylphenol	600 U	5500	600	1	08/27/25 19:22	8/26/25	
4-Bromophenyl Phenyl Ether	280 U	1100	280	1	08/27/25 19:22	8/26/25	
4-Chloro-3-methylphenol	220 U	1100	220	1	08/27/25 19:22	8/26/25	
4-Chloroaniline	390 U	1100	390	1	08/27/25 19:22	8/26/25	

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	08/13/25 09:00
Sample Matrix:	Soil	**Date Received:**	08/20/25 09:30
Sample Name:	7415 SB01 (1-2)	**Units:**	ug/Kg
Lab Code:	R2510173-001	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270E
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4-Chlorophenyl Phenyl Ether	230 U	1100	230	1	08/27/25 19:22	8/26/25	
4-Nitroaniline	230 U	5500	230	1	08/27/25 19:22	8/26/25	
4-Nitrophenol	550 U	5500	550	1	08/27/25 19:22	8/26/25	
Acetophenone	310 U	1100	310	1	08/27/25 19:22	8/26/25	
Atrazine	320 U	1100	320	1	08/27/25 19:22	8/26/25	
Benzaldehyde	260 U	5500	260	1	08/27/25 19:22	8/26/25	
Benzoic Acid	1700 U	5500	1700	1	08/27/25 19:22	8/26/25	
Bis(1-chloroisopropyl) Ether	220 U	1100	220	1	08/27/25 19:22	8/26/25	
Bis(2-chloroethoxy)methane	260 U	1100	260	1	08/27/25 19:22	8/26/25	
Bis(2-chloroethyl) Ether	210 U	1100	210	1	08/27/25 19:22	8/26/25	
Bis(2-ethylhexyl) Phthalate	200 U	1600	200	1	08/27/25 19:22	8/26/25	
Butyl Benzyl Phthalate	310 U	1100	310	1	08/27/25 19:22	8/26/25	
Caprolactam	240 U	1100	240	1	08/27/25 19:22	8/26/25	
Carbazole	180 U	1100	180	1	08/27/25 19:22	8/26/25	
Di-n-butyl Phthalate	180 U	1100	180	1	08/27/25 19:22	8/26/25	
Di-n-octyl Phthalate	370 U	1100	370	1	08/27/25 19:22	8/26/25	
Diethyl Phthalate	190 U	1100	190	1	08/27/25 19:22	8/26/25	
Dimethyl Phthalate	210 U	1100	210	1	08/27/25 19:22	8/26/25	
Hexachlorobenzene	260 U	1100	260	1	08/27/25 19:22	8/26/25	
Hexachlorobutadiene	380 U	1100	380	1	08/27/25 19:22	8/26/25	
Hexachlorocyclopentadiene	340 U	1100	340	1	08/27/25 19:22	8/26/25	
Hexachloroethane	200 U	1100	200	1	08/27/25 19:22	8/26/25	
Isophorone	230 U	1100	230	1	08/27/25 19:22	8/26/25	
N-Nitrosodi-n-propylamine	330 U	1100	330	1	08/27/25 19:22	8/26/25	
N-Nitrosodiphenylamine	670 U	1100	670	1	08/27/25 19:22	8/26/25	
Nitrobenzene	190 U	1100	190	1	08/27/25 19:22	8/26/25	
Pentachlorophenol (PCP)	1100 U	5500	1100	1	08/27/25 19:22	8/26/25	
Phenol	220 U	1100	220	1	08/27/25 19:22	8/26/25	
Pyridine	150 U	5500	150	1	08/27/25 19:22	8/26/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	63	18 - 104	08/27/25 19:22	
Nitrobenzene-d5	66	12 - 98	08/27/25 19:22	
p-Terphenyl-d14	80	26 - 134	08/27/25 19:22	

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	08/13/25 09:05
Sample Matrix:	Soil	**Date Received:**	08/20/25 09:30
Sample Name:	7415 SB02 (3-4)	**Units:**	ug/Kg
Lab Code:	R2510173-002	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270E
Prep Method: EPA 3546

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	820	U	3700	820	10	08/27/25 19:46	8/26/25	
1-Methylnaphthalene	680	U	3700	680	10	08/27/25 19:46	8/26/25	
2-Methylnaphthalene	1400	U	3700	1400	10	08/27/25 19:46	8/26/25	
Acenaphthene	700	U	3700	700	10	08/27/25 19:46	8/26/25	
Acenaphthylene	750	U	3700	750	10	08/27/25 19:46	8/26/25	
Anthracene	620	U	3700	620	10	08/27/25 19:46	8/26/25	
Benz(a)anthracene	550	U	3700	550	10	08/27/25 19:46	8/26/25	
Benzo(a)pyrene	990	U	3700	990	10	08/27/25 19:46	8/26/25	
Benzo(b)fluoranthene	620	U	3700	620	10	08/27/25 19:46	8/26/25	
Benzo(g,h,i)perylene	850	U	3700	850	10	08/27/25 19:46	8/26/25	
Benzo(k)fluoranthene	600	U	3700	600	10	08/27/25 19:46	8/26/25	
1,4-Dichlorobenzene	620	U	3700	620	10	08/27/25 19:46	8/26/25	
Biphenyl	1100	U	3700	1100	10	08/27/25 19:46	8/26/25	
Chrysene	550	U	3700	550	10	08/27/25 19:46	8/26/25	
1,4-Dioxane	360	U	750	360	10	08/27/25 19:46	8/26/25	
Dibenz(a,h)anthracene	810	U	3700	810	10	08/27/25 19:46	8/26/25	
Dibenzofuran	680	U	3700	680	10	08/27/25 19:46	8/26/25	
Fluoranthene	930	U	3700	930	10	08/27/25 19:46	8/26/25	
Fluorene	700	U	3700	700	10	08/27/25 19:46	8/26/25	
Indeno(1,2,3-cd)pyrene	1200	U	3700	1200	10	08/27/25 19:46	8/26/25	
Naphthalene	700	U	3700	700	10	08/27/25 19:46	8/26/25	
Phenanthrene	530	U	3700	530	10	08/27/25 19:46	8/26/25	
Pyrene	620	U	3700	620	10	08/27/25 19:46	8/26/25	
2,3,4,6-Tetrachlorophenol	1300	U	3700	1300	10	08/27/25 19:46	8/26/25	
2,4,5-Trichlorophenol	910	U	3700	910	10	08/27/25 19:46	8/26/25	
2,4,6-Trichlorophenol	830	U	3700	830	10	08/27/25 19:46	8/26/25	
2,4-Dichlorophenol	710	U	3700	710	10	08/27/25 19:46	8/26/25	
2,4-Dimethylphenol	670	U	3700	670	10	08/27/25 19:46	8/26/25	
2,4-Dinitrophenol	6300	U	19000	6300	10	08/27/25 19:46	8/26/25	
2,4-Dinitrotoluene	1500	U	3700	1500	10	08/27/25 19:46	8/26/25	
2,6-Dinitrotoluene	810	U	3700	810	10	08/27/25 19:46	8/26/25	
2-Chloronaphthalene	740	U	3700	740	10	08/27/25 19:46	8/26/25	
2-Chlorophenol	620	U	3700	620	10	08/27/25 19:46	8/26/25	
2-Methylphenol	770	U	3700	770	10	08/27/25 19:46	8/26/25	
2-Nitroaniline	880	U	19000	880	10	08/27/25 19:46	8/26/25	
2-Nitrophenol	860	U	3700	860	10	08/27/25 19:46	8/26/25	
3,3'-Dichlorobenzidine	1400	U	3700	1400	10	08/27/25 19:46	8/26/25	
3- and 4-Methylphenol Coelution	710	U	3700	710	10	08/27/25 19:46	8/26/25	
3-Nitroaniline	750	U	19000	750	10	08/27/25 19:46	8/26/25	
4,6-Dinitro-2-methylphenol	2100	U	19000	2100	10	08/27/25 19:46	8/26/25	
4-Bromophenyl Phenyl Ether	980	U	3700	980	10	08/27/25 19:46	8/26/25	
4-Chloro-3-methylphenol	750	U	3700	750	10	08/27/25 19:46	8/26/25	
4-Chloroaniline	1400	U	3700	1400	10	08/27/25 19:46	8/26/25	

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	08/13/25 09:05
Sample Matrix:	Soil	**Date Received:**	08/20/25 09:30
Sample Name:	7415 SB02 (3-4)	**Units:**	ug/Kg
Lab Code:	R2510173-002	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270E
Prep Method: EPA 3546

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4-Chlorophenyl Phenyl Ether	790	U	3700	790	10	08/27/25 19:46	8/26/25	
4-Nitroaniline	800	U	19000	800	10	08/27/25 19:46	8/26/25	
4-Nitrophenol	2000	U	19000	2000	10	08/27/25 19:46	8/26/25	
Acetophenone	1100	U	3700	1100	10	08/27/25 19:46	8/26/25	
Atrazine	1100	U	3700	1100	10	08/27/25 19:46	8/26/25	
Benzaldehyde	900	U	19000	900	10	08/27/25 19:46	8/26/25	
Benzoic Acid	5800	U	19000	5800	10	08/27/25 19:46	8/26/25	
Bis(1-chloroisopropyl) Ether	760	U	3700	760	10	08/27/25 19:46	8/26/25	
Bis(2-chloroethoxy)methane	910	U	3700	910	10	08/27/25 19:46	8/26/25	
Bis(2-chloroethyl) Ether	730	U	3700	730	10	08/27/25 19:46	8/26/25	
Bis(2-ethylhexyl) Phthalate	680	U	5600	680	10	08/27/25 19:46	8/26/25	
Butyl Benzyl Phthalate	1100	U	3700	1100	10	08/27/25 19:46	8/26/25	
Caprolactam	820	U	3700	820	10	08/27/25 19:46	8/26/25	
Carbazole	600	U	3700	600	10	08/27/25 19:46	8/26/25	
Di-n-butyl Phthalate	600	U	3700	600	10	08/27/25 19:46	8/26/25	
Di-n-octyl Phthalate	1300	U	3700	1300	10	08/27/25 19:46	8/26/25	
Diethyl Phthalate	660	U	3700	660	10	08/27/25 19:46	8/26/25	
Dimethyl Phthalate	710	U	3700	710	10	08/27/25 19:46	8/26/25	
Hexachlorobenzene	890	U	3700	890	10	08/27/25 19:46	8/26/25	
Hexachlorobutadiene	1400	U	3700	1400	10	08/27/25 19:46	8/26/25	
Hexachlorocyclopentadiene	1200	U	3700	1200	10	08/27/25 19:46	8/26/25	
Hexachloroethane	700	U	3700	700	10	08/27/25 19:46	8/26/25	
Isophorone	770	U	3700	770	10	08/27/25 19:46	8/26/25	
N-Nitrosodi-n-propylamine	1200	U	3700	1200	10	08/27/25 19:46	8/26/25	
N-Nitrosodiphenylamine	2400	U	3700	2400	10	08/27/25 19:46	8/26/25	
Nitrobenzene	660	U	3700	660	10	08/27/25 19:46	8/26/25	
Pentachlorophenol (PCP)	3700	U	19000	3700	10	08/27/25 19:46	8/26/25	
Phenol	750	U	3700	750	10	08/27/25 19:46	8/26/25	
Pyridine	500	U	19000	500	10	08/27/25 19:46	8/26/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	57	18 - 104	08/27/25 19:46	
Nitrobenzene-d5	59	12 - 98	08/27/25 19:46	
p-Terphenyl-d14	74	26 - 134	08/27/25 19:46	

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	08/13/25 09:10
Sample Matrix:	Soil	**Date Received:**	08/20/25 09:30
Sample Name:	7415 SB03 (5-6)	**Units:**	ug/Kg
Lab Code:	R2510173-003	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270E
Prep Method: EPA 3546

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1-Methylnaphthalene	700	U	3800	700	10	08/27/25 20:10	8/26/25	
1,2,4,5-Tetrachlorobenzene	850	U	3800	850	10	08/27/25 20:10	8/26/25	
2-Methylnaphthalene	1400	U	3800	1400	10	08/27/25 20:10	8/26/25	
Acenaphthene	720	U	3800	720	10	08/27/25 20:10	8/26/25	
Acenaphthylene	770	U	3800	770	10	08/27/25 20:10	8/26/25	
Anthracene	640	U	3800	640	10	08/27/25 20:10	8/26/25	
Benz(a)anthracene	570	U	3800	570	10	08/27/25 20:10	8/26/25	
Benzo(a)pyrene	1100	U	3800	1100	10	08/27/25 20:10	8/26/25	
Benzo(b)fluoranthene	640	U	3800	640	10	08/27/25 20:10	8/26/25	
Benzo(g,h,i)perylene	880	U	3800	880	10	08/27/25 20:10	8/26/25	
Benzo(k)fluoranthene	620	U	3800	620	10	08/27/25 20:10	8/26/25	
1,4-Dichlorobenzene	640	U	3800	640	10	08/27/25 20:10	8/26/25	
Biphenyl	1200	U	3800	1200	10	08/27/25 20:10	8/26/25	
Chrysene	560	U	3800	560	10	08/27/25 20:10	8/26/25	
1,4-Dioxane	380	U	770	380	10	08/27/25 20:10	8/26/25	
Dibenz(a,h)anthracene	830	U	3800	830	10	08/27/25 20:10	8/26/25	
Dibenzofuran	700	U	3800	700	10	08/27/25 20:10	8/26/25	
Fluoranthene	960	U	3800	960	10	08/27/25 20:10	8/26/25	
Fluorene	720	U	3800	720	10	08/27/25 20:10	8/26/25	
Indeno(1,2,3-cd)pyrene	1300	U	3800	1300	10	08/27/25 20:10	8/26/25	
Naphthalene	720	U	3800	720	10	08/27/25 20:10	8/26/25	
Phenanthrene	540	U	3800	540	10	08/27/25 20:10	8/26/25	
Pyrene	640	U	3800	640	10	08/27/25 20:10	8/26/25	
2,3,4,6-Tetrachlorophenol	1400	U	3800	1400	10	08/27/25 20:10	8/26/25	
2,4,5-Trichlorophenol	940	U	3800	940	10	08/27/25 20:10	8/26/25	
2,4,6-Trichlorophenol	850	U	3800	850	10	08/27/25 20:10	8/26/25	
2,4-Dichlorophenol	740	U	3800	740	10	08/27/25 20:10	8/26/25	
2,4-Dimethylphenol	690	U	3800	690	10	08/27/25 20:10	8/26/25	
2,4-Dinitrophenol	6500	U	20000	6500	10	08/27/25 20:10	8/26/25	
2,4-Dinitrotoluene	1500	U	3800	1500	10	08/27/25 20:10	8/26/25	
2,6-Dinitrotoluene	840	U	3800	840	10	08/27/25 20:10	8/26/25	
2-Chloronaphthalene	770	U	3800	770	10	08/27/25 20:10	8/26/25	
2-Chlorophenol	640	U	3800	640	10	08/27/25 20:10	8/26/25	
2-Methylphenol	790	U	3800	790	10	08/27/25 20:10	8/26/25	
2-Nitroaniline	900	U	20000	900	10	08/27/25 20:10	8/26/25	
2-Nitrophenol	890	U	3800	890	10	08/27/25 20:10	8/26/25	
3,3'-Dichlorobenzidine	1400	U	3800	1400	10	08/27/25 20:10	8/26/25	
3- and 4-Methylphenol Coelution	730	U	3800	730	10	08/27/25 20:10	8/26/25	
3-Nitroaniline	770	U	20000	770	10	08/27/25 20:10	8/26/25	
4,6-Dinitro-2-methylphenol	2200	U	20000	2200	10	08/27/25 20:10	8/26/25	
4-Bromophenyl Phenyl Ether	1100	U	3800	1100	10	08/27/25 20:10	8/26/25	
4-Chloro-3-methylphenol	770	U	3800	770	10	08/27/25 20:10	8/26/25	
4-Chloroaniline	1400	U	3800	1400	10	08/27/25 20:10	8/26/25	

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	08/13/25 09:10
Sample Matrix:	Soil	**Date Received:**	08/20/25 09:30
Sample Name:	7415 SB03 (5-6)	**Units:**	ug/Kg
Lab Code:	R2510173-003	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270E
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4-Chlorophenyl Phenyl Ether	820 U	3800	820	10	08/27/25 20:10	8/26/25	
4-Nitroaniline	830 U	20000	830	10	08/27/25 20:10	8/26/25	
4-Nitrophenol	2000 U	20000	2000	10	08/27/25 20:10	8/26/25	
Acetophenone	1100 U	3800	1100	10	08/27/25 20:10	8/26/25	
Atrazine	1200 U	3800	1200	10	08/27/25 20:10	8/26/25	
Benzaldehyde	920 U	20000	920	10	08/27/25 20:10	8/26/25	
Benzoic Acid	6000 U	20000	6000	10	08/27/25 20:10	8/26/25	
Bis(1-chloroisopropyl) Ether	780 U	3800	780	10	08/27/25 20:10	8/26/25	
Bis(2-chloroethoxy)methane	940 U	3800	940	10	08/27/25 20:10	8/26/25	
Bis(2-chloroethyl) Ether	750 U	3800	750	10	08/27/25 20:10	8/26/25	
Bis(2-ethylhexyl) Phthalate	700 U	5800	700	10	08/27/25 20:10	8/26/25	
Butyl Benzyl Phthalate	1200 U	3800	1200	10	08/27/25 20:10	8/26/25	
Caprolactam	840 U	3800	840	10	08/27/25 20:10	8/26/25	
Carbazole	620 U	3800	620	10	08/27/25 20:10	8/26/25	
Di-n-butyl Phthalate	620 U	3800	620	10	08/27/25 20:10	8/26/25	
Di-n-octyl Phthalate	1400 U	3800	1400	10	08/27/25 20:10	8/26/25	
Diethyl Phthalate	680 U	3800	680	10	08/27/25 20:10	8/26/25	
Dimethyl Phthalate	730 U	3800	730	10	08/27/25 20:10	8/26/25	
Hexachlorobenzene	920 U	3800	920	10	08/27/25 20:10	8/26/25	
Hexachlorobutadiene	1400 U	3800	1400	10	08/27/25 20:10	8/26/25	
Hexachlorocyclopentadiene	1300 U	3800	1300	10	08/27/25 20:10	8/26/25	
Hexachloroethane	720 U	3800	720	10	08/27/25 20:10	8/26/25	
Isophorone	800 U	3800	800	10	08/27/25 20:10	8/26/25	
N-Nitrosodi-n-propylamine	1200 U	3800	1200	10	08/27/25 20:10	8/26/25	
N-Nitrosodiphenylamine	2400 U	3800	2400	10	08/27/25 20:10	8/26/25	
Nitrobenzene	680 U	3800	680	10	08/27/25 20:10	8/26/25	
Pentachlorophenol (PCP)	3800 U	20000	3800	10	08/27/25 20:10	8/26/25	
Phenol	770 U	3800	770	10	08/27/25 20:10	8/26/25	
Pyridine	520 U	20000	520	10	08/27/25 20:10	8/26/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	43	18 - 104	08/27/25 20:10	
Nitrobenzene-d5	43	12 - 98	08/27/25 20:10	
p-Terphenyl-d14	56	26 - 134	08/27/25 20:10	

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
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Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	08/13/25 09:00
Sample Matrix:	Soil	**Date Received:**	08/20/25 09:30
Sample Name:	7415 SB01 (1-2)	**Units:**	ug/Kg
Lab Code:	R2510173-001	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

Analysis Method: 8081B
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	
4,4'-DDE	**3.9 J**	5.5	2.8	1	09/11/25 21:32	8/26/25	
4,4'-DDT	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	
Aldrin	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	
Chlordane	14 U	27	14	1	09/11/25 21:32	8/26/25	
Dieldrin	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	
Endosulfan I	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	
Endosulfan II	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	
Endosulfan Sulfate	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	
Endrin	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	
Endrin Aldehyde	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	
Endrin Ketone	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	
Heptachlor	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	
Heptachlor Epoxide	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	
Methoxychlor	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	
Toxaphene	62 U	110	62	1	09/11/25 21:32	8/26/25	
alpha-BHC	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	
alpha-Chlordane	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	
beta-BHC	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	
delta-BHC	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	
gamma-BHC (Lindane)	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	
gamma-Chlordane	2.8 U	5.5	2.8	1	09/11/25 21:32	8/26/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	92	10 - 159	09/11/25 21:32	
Tetrachloro-m-xylene	55	10 - 132	09/11/25 21:32	

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	08/13/25 09:05
Sample Matrix:	Soil	**Date Received:**	08/20/25 09:30
Sample Name:	7415 SB02 (3-4)	**Units:**	ug/Kg
Lab Code:	R2510173-002	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

Analysis Method: 8081B
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	**18**	3.8	2.0	2	09/11/25 21:49	8/26/25	
4,4'-DDE	**80**	3.8	2.0	2	09/11/25 21:49	8/26/25	
4,4'-DDT	**9.5**	3.8	2.0	2	09/11/25 21:49	8/26/25	
Aldrin	2.0 U	3.8	2.0	2	09/11/25 21:49	8/26/25	
Chlordane	9.6 U	19	9.6	2	09/11/25 21:49	8/26/25	
Dieldrin	2.0 U	3.8	2.0	2	09/11/25 21:49	8/26/25	
Endosulfan I	2.0 U	3.8	2.0	2	09/11/25 21:49	8/26/25	
Endosulfan II	2.0 U	3.8	2.0	2	09/11/25 21:49	8/26/25	
Endosulfan Sulfate	2.0 U	3.8	2.0	2	09/11/25 21:49	8/26/25	
Endrin	2.0 U	3.8	2.0	2	09/11/25 21:49	8/26/25	
Endrin Aldehyde	2.0 U	3.8	2.0	2	09/11/25 21:49	8/26/25	
Endrin Ketone	2.0 U	3.8	2.0	2	09/11/25 21:49	8/26/25	
Heptachlor	2.0 U	3.8	2.0	2	09/11/25 21:49	8/26/25	
Heptachlor Epoxide	2.0 U	3.8	2.0	2	09/11/25 21:49	8/26/25	
Methoxychlor	2.0 U	3.8	2.0	2	09/11/25 21:49	8/26/25	
Toxaphene	43 U	75	43	2	09/11/25 21:49	8/26/25	
alpha-BHC	2.0 U	3.8	2.0	2	09/11/25 21:49	8/26/25	
alpha-Chlordane	**4.6**	3.8	2.0	2	09/11/25 21:49	8/26/25	
beta-BHC	2.0 U	3.8	2.0	2	09/11/25 21:49	8/26/25	
delta-BHC	2.0 U	3.8	2.0	2	09/11/25 21:49	8/26/25	
gamma-BHC (Lindane)	2.0 U	3.8	2.0	2	09/11/25 21:49	8/26/25	
gamma-Chlordane	**4.3**	3.8	2.0	2	09/11/25 21:49	8/26/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	70	10 - 159	09/11/25 21:49	
Tetrachloro-m-xylene	60	10 - 132	09/11/25 21:49	

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	08/13/25 09:10
Sample Matrix:	Soil	**Date Received:**	08/20/25 09:30
Sample Name:	7415 SB03 (5-6)	**Units:**	ug/Kg
Lab Code:	R2510173-003	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

Analysis Method: 8081B
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	**20**	3.9	2.0	2	09/11/25 22:07	8/26/25	
4,4'-DDE	**75**	3.9	2.0	2	09/11/25 22:07	8/26/25	
4,4'-DDT	**8.2 P**	3.9	2.0	2	09/11/25 22:07	8/26/25	
Aldrin	2.0 U	3.9	2.0	2	09/11/25 22:07	8/26/25	
Chlordane	9.7 U	19	9.7	2	09/11/25 22:07	8/26/25	
Dieldrin	2.0 U	3.9	2.0	2	09/11/25 22:07	8/26/25	
Endosulfan I	2.0 U	3.9	2.0	2	09/11/25 22:07	8/26/25	
Endosulfan II	2.0 U	3.9	2.0	2	09/11/25 22:07	8/26/25	
Endosulfan Sulfate	2.0 U	3.9	2.0	2	09/11/25 22:07	8/26/25	
Endrin	2.0 U	3.9	2.0	2	09/11/25 22:07	8/26/25	
Endrin Aldehyde	2.0 U	3.9	2.0	2	09/11/25 22:07	8/26/25	
Endrin Ketone	2.0 U	3.9	2.0	2	09/11/25 22:07	8/26/25	
Heptachlor	2.0 U	3.9	2.0	2	09/11/25 22:07	8/26/25	
Heptachlor Epoxide	2.0 U	3.9	2.0	2	09/11/25 22:07	8/26/25	
Methoxychlor	2.0 U	3.9	2.0	2	09/11/25 22:07	8/26/25	
Toxaphene	44 U	76	44	2	09/11/25 22:07	8/26/25	
alpha-BHC	2.0 U	3.9	2.0	2	09/11/25 22:07	8/26/25	
alpha-Chlordane	**9.1**	3.9	2.0	2	09/11/25 22:07	8/26/25	
beta-BHC	2.0 U	3.9	2.0	2	09/11/25 22:07	8/26/25	
delta-BHC	2.0 U	3.9	2.0	2	09/11/25 22:07	8/26/25	
gamma-BHC (Lindane)	2.0 U	3.9	2.0	2	09/11/25 22:07	8/26/25	
gamma-Chlordane	**7.4**	3.9	2.0	2	09/11/25 22:07	8/26/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	69	10 - 159	09/11/25 22:07	
Tetrachloro-m-xylene	52	10 - 132	09/11/25 22:07	

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	08/13/25 09:00
Sample Matrix:	Soil	**Date Received:**	08/20/25 09:30
Sample Name:	7415 SB01 (1-2)	**Units:**	ug/Kg
Lab Code:	R2510173-001	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

Analysis Method: 8082A
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	56 U	110	56	1	09/03/25 22:43	8/26/25	
Aroclor 1221	85 U	220	85	1	09/03/25 22:43	8/26/25	
Aroclor 1232	62 U	110	62	1	09/03/25 22:43	8/26/25	
Aroclor 1242	56 U	110	56	1	09/03/25 22:43	8/26/25	
Aroclor 1248	59 U	110	59	1	09/03/25 22:43	8/26/25	
Aroclor 1254	56 U	110	56	1	09/03/25 22:43	8/26/25	
Aroclor 1260	56 U	110	56	1	09/03/25 22:43	8/26/25	
Aroclor 1262	56 U	110	56	1	09/03/25 22:43	8/26/25	
Aroclor 1268	56 U	110	56	1	09/03/25 22:43	8/26/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	83	10 - 138	09/03/25 22:43	
Tetrachloro-m-xylene	55	11 - 122	09/03/25 22:43	

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	08/13/25 09:05
Sample Matrix:	Soil	**Date Received:**	08/20/25 09:30
Sample Name:	7415 SB02 (3-4)	**Units:**	ug/Kg
Lab Code:	R2510173-002	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

Analysis Method: 8082A
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	20 U	37	20	1	09/03/25 23:10	8/26/25	
Aroclor 1221	30 U	76	30	1	09/03/25 23:10	8/26/25	
Aroclor 1232	22 U	37	22	1	09/03/25 23:10	8/26/25	
Aroclor 1242	20 U	37	20	1	09/03/25 23:10	8/26/25	
Aroclor 1248	21 U	37	21	1	09/03/25 23:10	8/26/25	
Aroclor 1254	20 U	37	20	1	09/03/25 23:10	8/26/25	
Aroclor 1260	20 U	37	20	1	09/03/25 23:10	8/26/25	
Aroclor 1262	20 U	37	20	1	09/03/25 23:10	8/26/25	
Aroclor 1268	20 U	37	20	1	09/03/25 23:10	8/26/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	71	10 - 138	09/03/25 23:10	
Tetrachloro-m-xylene	54	11 - 122	09/03/25 23:10	

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	08/13/25 09:10
Sample Matrix:	Soil	**Date Received:**	08/20/25 09:30
Sample Name:	7415 SB03 (5-6)	**Units:**	ug/Kg
Lab Code:	R2510173-003	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

Analysis Method: 8082A
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	20 U	38	20	1	09/03/25 23:24	8/26/25	
Aroclor 1221	30 U	77	30	1	09/03/25 23:24	8/26/25	
Aroclor 1232	22 U	38	22	1	09/03/25 23:24	8/26/25	
Aroclor 1242	20 U	38	20	1	09/03/25 23:24	8/26/25	
Aroclor 1248	21 U	38	21	1	09/03/25 23:24	8/26/25	
Aroclor 1254	20 U	38	20	1	09/03/25 23:24	8/26/25	
Aroclor 1260	20 U	38	20	1	09/03/25 23:24	8/26/25	
Aroclor 1262	20 U	38	20	1	09/03/25 23:24	8/26/25	
Aroclor 1268	20 U	38	20	1	09/03/25 23:24	8/26/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	71	10 - 138	09/03/25 23:24	
Tetrachloro-m-xylene	51	11 - 122	09/03/25 23:24	

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	08/13/25 09:00
Sample Matrix:	Soil	**Date Received:**	08/20/25 09:30
Sample Name:	7415 SB01 (1-2)	**Units:**	ug/Kg
Lab Code:	R2510173-001	**Basis:**	Dry

Chlorinated Herbicides by GC

Analysis Method: 8151A
Prep Method: Method

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2,4,5-T	5.5 U	11	5.5	1	08/29/25 04:20	8/26/25	
2,4,5-TP	4.9 U	11	4.9	1	08/29/25 04:20	8/26/25	
2,4-D	7.1 U	11	7.1	1	08/29/25 04:20	8/26/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
DCAA	45	10 - 151	08/29/25 04:20	

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	08/13/25 09:05
Sample Matrix:	Soil	**Date Received:**	08/20/25 09:30
Sample Name:	7415 SB02 (3-4)	**Units:**	ug/Kg
Lab Code:	R2510173-002	**Basis:**	Dry

Chlorinated Herbicides by GC

Analysis Method: 8151A
Prep Method: Method

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2,4,5-T	5.6 U	11	5.6	1	08/29/25 05:15	8/26/25	
2,4,5-TP	5.1 U	11	5.1	1	08/29/25 05:15	8/26/25	
2,4-D	7.3 U	11	7.3	1	08/29/25 05:15	8/26/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
DCAA	56	10 - 151	08/29/25 05:15	

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	08/13/25 09:10
Sample Matrix:	Soil	**Date Received:**	08/20/25 09:30
Sample Name:	7415 SB03 (5-6)	**Units:**	ug/Kg
Lab Code:	R2510173-003	**Basis:**	Dry

Chlorinated Herbicides by GC

Analysis Method: 8151A
Prep Method: Method

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2,4,5-T	5.8 U	11	5.8	1	08/29/25 05:33	8/26/25	
2,4,5-TP	5.2 U	11	5.2	1	08/29/25 05:33	8/26/25	
2,4-D	7.5 U	11	7.5	1	08/29/25 05:33	8/26/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
DCAA	63	10 - 151	08/29/25 05:33	

General Chemistry

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	08/13/25 09:00
Sample Matrix:	Soil	**Date Received:**	08/20/25 09:30
Sample Name:	7415 SB01 (1-2)	**Basis:**	As Received
Lab Code:	R2510173-001		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	**91.2**	Percent	-	-	1	08/29/25 10:00	

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	08/13/25 09:05
Sample Matrix:	Soil	**Date Received:**	08/20/25 09:30
Sample Name:	7415 SB02 (3-4)	**Basis:**	As Received
Lab Code:	R2510173-002		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	**88.1**	Percent	-	-	1	08/29/25 10:00	

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	08/13/25 09:10
Sample Matrix:	Soil	**Date Received:**	08/20/25 09:30
Sample Name:	7415 SB03 (5-6)	**Basis:**	As Received
Lab Code:	R2510173-003		

Inorganic Parameters

Analyte Name	Analysis Method	Result	Units	MRL	MDL	Dil.	Date Analyzed	Q
Total Solids	ALS SOP	**86.0**	Percent	-	-	1	08/29/25 10:00	

QC Summary Forms

ALS Environmental—Rochester Laboratory
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Semivolatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory
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Client: ALS Environmental - US **Service Request:** R2510173
Project: 7415 Nett
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270E
Extraction Method: EPA 3546

Sample Name	Lab Code	2-Fluorobiphenyl 18 - 104	Nitrobenzene-d5 12 - 98	p-Terphenyl-d14 26 - 134
7415 SB01 (1-2)	R2510173-001	63	66	80
7415 SB02 (3-4)	R2510173-002	57	59	74
7415 SB03 (5-6)	R2510173-003	43	43	56
Method Blank	RQ2511335-01	51	52	68
Lab Control Sample	RQ2511335-02	52	48	63
Duplicate Lab Control Sample	RQ2511335-03	49	44	58

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ2511335-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270E
Prep Method: EPA 3546

Analyte Name	Result		MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
1,2,4,5-Tetrachlorobenzene	74	U	330	74	1	08/27/25 15:45	8/26/25	
1-Methylnaphthalene	61	U	330	61	1	08/27/25 15:45	8/26/25	
2-Methylnaphthalene	120	U	330	120	1	08/27/25 15:45	8/26/25	
Acenaphthene	63	U	330	63	1	08/27/25 15:45	8/26/25	
Acenaphthylene	67	U	330	67	1	08/27/25 15:45	8/26/25	
Anthracene	55	U	330	55	1	08/27/25 15:45	8/26/25	
Benz(a)anthracene	49	U	330	49	1	08/27/25 15:45	8/26/25	
Benzo(a)pyrene	88	U	330	88	1	08/27/25 15:45	8/26/25	
Benzo(b)fluoranthene	55	U	330	55	1	08/27/25 15:45	8/26/25	
Benzo(g,h,i)perylene	76	U	330	76	1	08/27/25 15:45	8/26/25	
1,4-Dichlorobenzene	55	U	330	55	1	08/27/25 15:45	8/26/25	
Benzo(k)fluoranthene	54	U	330	54	1	08/27/25 15:45	8/26/25	
Biphenyl	98	U	330	98	1	08/27/25 15:45	8/26/25	
Chrysene	49	U	330	49	1	08/27/25 15:45	8/26/25	
1,4-Dioxane	32	U	67	32	1	08/27/25 15:45	8/26/25	
Dibenz(a,h)anthracene	72	U	330	72	1	08/27/25 15:45	8/26/25	
Dibenzofuran	60	U	330	60	1	08/27/25 15:45	8/26/25	
Fluoranthene	83	U	330	83	1	08/27/25 15:45	8/26/25	
Fluorene	62	U	330	62	1	08/27/25 15:45	8/26/25	
Indeno(1,2,3-cd)pyrene	110	U	330	110	1	08/27/25 15:45	8/26/25	
Naphthalene	62	U	330	62	1	08/27/25 15:45	8/26/25	
Phenanthrene	47	U	330	47	1	08/27/25 15:45	8/26/25	
Pyrene	55	U	330	55	1	08/27/25 15:45	8/26/25	
2,3,4,6-Tetrachlorophenol	120	U	330	120	1	08/27/25 15:45	8/26/25	
2,4,5-Trichlorophenol	82	U	330	82	1	08/27/25 15:45	8/26/25	
2,4,6-Trichlorophenol	74	U	330	74	1	08/27/25 15:45	8/26/25	
2,4-Dichlorophenol	64	U	330	64	1	08/27/25 15:45	8/26/25	
2,4-Dimethylphenol	59	U	330	59	1	08/27/25 15:45	8/26/25	
2,4-Dinitrophenol	560	U	1700	560	1	08/27/25 15:45	8/26/25	
2,4-Dinitrotoluene	130	U	330	130	1	08/27/25 15:45	8/26/25	
2,6-Dinitrotoluene	72	U	330	72	1	08/27/25 15:45	8/26/25	
2-Chloronaphthalene	66	U	330	66	1	08/27/25 15:45	8/26/25	
2-Chlorophenol	55	U	330	55	1	08/27/25 15:45	8/26/25	
2-Methylphenol	69	U	330	69	1	08/27/25 15:45	8/26/25	
2-Nitroaniline	78	U	1700	78	1	08/27/25 15:45	8/26/25	
2-Nitrophenol	77	U	330	77	1	08/27/25 15:45	8/26/25	
3,3'-Dichlorobenzidine	120	U	330	120	1	08/27/25 15:45	8/26/25	
3- and 4-Methylphenol Coelution	63	U	330	63	1	08/27/25 15:45	8/26/25	
3-Nitroaniline	67	U	1700	67	1	08/27/25 15:45	8/26/25	
4,6-Dinitro-2-methylphenol	190	U	1700	190	1	08/27/25 15:45	8/26/25	
4-Bromophenyl Phenyl Ether	87	U	330	87	1	08/27/25 15:45	8/26/25	
4-Chloro-3-methylphenol	67	U	330	67	1	08/27/25 15:45	8/26/25	
4-Chloroaniline	120	U	330	120	1	08/27/25 15:45	8/26/25	

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ2511335-01	**Basis:**	Dry

Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Analysis Method: 8270E
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4-Chlorophenyl Phenyl Ether	71 U	330	71	1	08/27/25 15:45	8/26/25	
4-Nitroaniline	71 U	1700	71	1	08/27/25 15:45	8/26/25	
4-Nitrophenol	170 U	1700	170	1	08/27/25 15:45	8/26/25	
Acetophenone	95 U	330	95	1	08/27/25 15:45	8/26/25	
Atrazine	98 U	330	98	1	08/27/25 15:45	8/26/25	
Benzaldehyde	80 U	1700	80	1	08/27/25 15:45	8/26/25	
Benzoic Acid	520 U	1700	520	1	08/27/25 15:45	8/26/25	
Bis(1-chloroisopropyl) Ether	68 U	330	68	1	08/27/25 15:45	8/26/25	
Bis(2-chloroethoxy)methane	81 U	330	81	1	08/27/25 15:45	8/26/25	
Bis(2-chloroethyl) Ether	65 U	330	65	1	08/27/25 15:45	8/26/25	
Bis(2-ethylhexyl) Phthalate	61 U	500	61	1	08/27/25 15:45	8/26/25	
Butyl Benzyl Phthalate	96 U	330	96	1	08/27/25 15:45	8/26/25	
Caprolactam	73 U	330	73	1	08/27/25 15:45	8/26/25	
Carbazole	54 U	330	54	1	08/27/25 15:45	8/26/25	
Di-n-butyl Phthalate	54 U	330	54	1	08/27/25 15:45	8/26/25	
Di-n-octyl Phthalate	120 U	330	120	1	08/27/25 15:45	8/26/25	
Diethyl Phthalate	59 U	330	59	1	08/27/25 15:45	8/26/25	
Dimethyl Phthalate	63 U	330	63	1	08/27/25 15:45	8/26/25	
Hexachlorobenzene	79 U	330	79	1	08/27/25 15:45	8/26/25	
Hexachlorobutadiene	120 U	330	120	1	08/27/25 15:45	8/26/25	
Hexachlorocyclopentadiene	110 U	330	110	1	08/27/25 15:45	8/26/25	
Hexachloroethane	62 U	330	62	1	08/27/25 15:45	8/26/25	
Isophorone	69 U	330	69	1	08/27/25 15:45	8/26/25	
N-Nitrosodi-n-propylamine	110 U	330	110	1	08/27/25 15:45	8/26/25	
N-Nitrosodiphenylamine	210 U	330	210	1	08/27/25 15:45	8/26/25	
Nitrobenzene	59 U	330	59	1	08/27/25 15:45	8/26/25	
Pentachlorophenol (PCP)	330 U	1700	330	1	08/27/25 15:45	8/26/25	
Phenol	67 U	330	67	1	08/27/25 15:45	8/26/25	
Pyridine	45 U	1700	45	1	08/27/25 15:45	8/26/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
2-Fluorobiphenyl	51	18 - 104	08/27/25 15:45	
Nitrobenzene-d5	52	12 - 98	08/27/25 15:45	
p-Terphenyl-d14	68	26 - 134	08/27/25 15:45	

Client: ALS Environmental - US
Project: 7415 Nett
Sample Matrix: Soil

Service Request: R2510173
Date Analyzed: 08/27/25

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2511335-02			RQ2511335-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
1-Methylnaphthalene	8270E	1570	3300	48	1480	3300	45	29-100	6	30
1,2,4,5-Tetrachlorobenzene	8270E	1590	3300	48	1510	3300	46	20-126	5	30
2-Methylnaphthalene	8270E	1490	3300	45	1400	3300	42	29-99	6	30
Acenaphthene	8270E	1780	3300	54	1680	3300	51	41-110	6	30
Acenaphthylene	8270E	1990	3300	60	1860	3300	56	44-122	6	30
Anthracene	8270E	1900	3300	58	1770	3300	53	41-123	7	30
Benz(a)anthracene	8270E	1860	3300	56	1720	3300	52	44-116	8	30
Benzo(a)pyrene	8270E	2200	3300	67	2030	3300	61	56-146	8	30
Benzo(b)fluoranthene	8270E	1790	3300	54	1670	3300	51	47-120	7	30
Benzo(g,h,i)perylene	8270E	1900	3300	57	1740	3300	53	41-129	8	30
Benzo(k)fluoranthene	8270E	1960	3300	59	1810	3300	55	49-124	8	30
1,4-Dichlorobenzene	8270E	1580	3300	48	1490	3300	45	16-83	6	30
Biphenyl	8270E	1620	3300	49	1550	3300	47	24-112	4	30
Chrysene	8270E	1920	3300	58	1760	3300	53	44-119	9	30
1,4-Dioxane	8270E	1140	3300	35	1100	3300	33	10-58	4	30
Dibenz(a,h)anthracene	8270E	1980	3300	60	1830	3300	56	18-146	8	30
Dibenzofuran	8270E	1830	3300	56	1740	3300	53	43-113	5	30
Fluoranthene	8270E	1870	3300	57	1720	3300	52	39-128	8	30
Fluorene	8270E	1850	3300	56	1740	3300	53	40-117	6	30
Indeno(1,2,3-cd)pyrene	8270E	2090	3300	63	1920	3300	58	43-129	8	30
Naphthalene	8270E	1550	3300	47	1480	3300	45	31-93	5	30
Phenanthrene	8270E	1760	3300	53	1630	3300	49	39-120	8	30
Pyrene	8270E	1880	3300	57	1750	3300	53	45-125	8	30
2,3,4,6-Tetrachlorophenol	8270E	2120	3300	64	1970	3300	60	42-117	7	30
2,4,5-Trichlorophenol	8270E	1900	3300	58	1780	3300	54	40-114	7	30
2,4,6-Trichlorophenol	8270E	1850	3300	56	1710	3300	52	33-108	8	30
2,4-Dichlorophenol	8270E	1680	3300	51	1560	3300	47	30-103	7	30
2,4-Dimethylphenol	8270E	1700	3300	52	1580	3300	48	32-100	8	30
2,4-Dinitrophenol	8270E	1130 J	3300	34	1190 J	3300	36	10-97	5	30
2,4-Dinitrotoluene	8270E	1980	3300	60	1870	3300	57	53-120	6	30
2,6-Dinitrotoluene	8270E	1930	3300	59	1800	3300	54	48-119	7	30
2-Chloronaphthalene	8270E	1790	3300	54	1700	3300	51	33-103	5	30
2-Chlorophenol	8270E	1700	3300	51	1580	3300	48	26-90	7	30

Client: ALS Environmental - US
Project: 7415 Nett
Sample Matrix: Soil

Service Request: R2510173
Date Analyzed: 08/27/25

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2511335-02			RQ2511335-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
2-Methylphenol	8270E	1880	3300	57	1730	3300	52	33-99	8	30
2-Nitroaniline	8270E	1860	3300	56	1780	3300	54	41-119	5	30
2-Nitrophenol	8270E	1600	3300	49	1520	3300	46	24-98	5	30
3- and 4-Methylphenol Coelution	8270E	1920	3300	58	1760	3300	53	32-100	9	30
3-Nitroaniline	8270E	1650 J	3300	50	1570 J	3300	48	29-105	5	30
4,6-Dinitro-2-methylphenol	8270E	1620 J	3300	49	1610 J	3300	49	20-105	<1	30
4-Bromophenyl Phenyl Ether	8270E	1830	3300	55	1700	3300	52	37-116	7	30
4-Chloro-3-methylphenol	8270E	1770	3300	54	1640	3300	50	40-116	7	30
4-Chloroaniline	8270E	1640	3300	50	1530	3300	46	10-87	7	30
4-Chlorophenyl Phenyl Ether	8270E	1790	3300	54	1670	3300	51	42-111	7	30
4-Nitroaniline	8270E	1610 J	3300	49	1550 J	3300	47	43-120	4	30
4-Nitrophenol	8270E	1400 J	3300	43	1290 J	3300	39	34-116	8	30
Acetophenone	8270E	1610	3300	49	1520	3300	46	23-87	5	30
Benzoic Acid	8270E	1590 J	3300	48	1540 J	3300	46	10-126	4	30
Bis(1-chloroisopropyl) Ether	8270E	1750	3300	53	1650	3300	50	22-99	6	30
Bis(2-chloroethoxy)methane	8270E	1710	3300	52	1590	3300	48	38-119	8	30
Bis(2-chloroethyl) Ether	8270E	1650	3300	50	1570	3300	47	23-94	5	30
Bis(2-ethylhexyl) Phthalate	8270E	1880	3300	57	1800	3300	54	38-139	4	30
Butyl Benzyl Phthalate	8270E	1840	3300	56	1760	3300	53	40-134	4	30
Caprolactam	8270E	1540	3300	47	1470	3300	44	21-128	5	30
Carbazole	8270E	1870	3300	57	1730	3300	52	42-131	8	30
Di-n-butyl Phthalate	8270E	1860	3300	57	1740	3300	53	42-141	7	30
Di-n-octyl Phthalate	8270E	1940	3300	59	1840	3300	56	38-143	5	30
Diethyl Phthalate	8270E	1840	3300	56	1750	3300	53	43-118	5	30
Dimethyl Phthalate	8270E	1850	3300	56	1750	3300	53	40-118	5	30
Hexachlorobenzene	8270E	1810	3300	55	1690	3300	51	35-122	7	30
Hexachlorobutadiene	8270E	1550	3300	47	1450	3300	44	28-96	7	30
Hexachlorocyclopentadiene	8270E	1570	3300	48	1490	3300	45	10-111	6	30
Hexachloroethane	8270E	1590	3300	48	1500	3300	45	18-85	6	30
Isophorone	8270E	1740	3300	53	1630	3300	49	39-104	7	30
N-Nitrosodi-n-propylamine	8270E	1690	3300	51	1600	3300	48	30-98	6	30
N-Nitrosodiphenylamine	8270E	2070	3300	63	1910	3300	58	43-130	8	30
Nitrobenzene	8270E	1640	3300	50	1540	3300	47	31-99	6	30

Client: ALS Environmental - US
Project: 7415 Nett
Sample Matrix: Soil

Service Request: R2510173
Date Analyzed: 08/27/25

Duplicate Lab Control Sample Summary
Semivolatile Organic Compounds by GC/MS using Microwave Digestion

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2511335-02			RQ2511335-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Pentachlorophenol (PCP)	8270E	1480 J	3300	45	1380 J	3300	42	36-138	7	30
Phenol	8270E	1800	3300	55	1660	3300	50	31-100	8	30
Pyridine	8270E	3030	6600	46	2900	6610	44	12-80	4	30

Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory
1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623
Phone (585) 288-5380 Fax (585) 288-8475
www.alsglobal.com

Client: ALS Environmental - US **Service Request:** R2510173
Project: 7415 Nett
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY

Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

Analysis Method: 8081B
Extraction Method: EPA 3546

Sample Name	Lab Code	Decachlorobiphenyl 10 - 159	Tetrachloro-m-xylene 10 - 132
7415 SB01 (1-2)	R2510173-001	92	55
7415 SB02 (3-4)	R2510173-002	70	60
7415 SB03 (5-6)	R2510173-003	69	52 P
Method Blank	RQ2511334-01	87	53
Lab Control Sample	RQ2511334-02	83	46
Duplicate Lab Control Sample	RQ2511334-03	82	47

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ2511334-01	**Basis:**	Dry

Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

Analysis Method: 8081B
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
4,4'-DDD	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
4,4'-DDE	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
4,4'-DDT	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
Aldrin	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
Chlordane	4.2 U	8.3	4.2	1	09/11/25 18:36	8/26/25	
Dieldrin	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
Endosulfan I	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
Endosulfan II	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
Endosulfan Sulfate	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
Endrin	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
Endrin Aldehyde	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
Endrin Ketone	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
Heptachlor	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
Heptachlor Epoxide	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
Methoxychlor	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
Toxaphene	19 U	33	19	1	09/11/25 18:36	8/26/25	
alpha-BHC	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
alpha-Chlordane	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
beta-BHC	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
delta-BHC	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
gamma-BHC (Lindane)	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	
gamma-Chlordane	0.84 U	1.7	0.84	1	09/11/25 18:36	8/26/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	87	10 - 159	09/11/25 18:36	
Tetrachloro-m-xylene	53	10 - 132	09/11/25 18:36	

Client: ALS Environmental - US
Project: 7415 Nett
Sample Matrix: Soil

Service Request: R2510173
Date Analyzed: 09/11/25

Duplicate Lab Control Sample Summary
Organochlorine Pesticides by Gas Chromatography using Microwave Extraction

Units:ug/Kg
Basis: Dry

		Lab Control Sample			Duplicate Lab Control Sample					
		RQ2511334-02			RQ2511334-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
4,4'-DDD	8081B	5.41	6.64	82	5.34	6.63	81	48-121	1	30
4,4'-DDE	8081B	4.78	6.64	72	5.33	6.63	80	51-119	11	30
4,4'-DDT	8081B	5.80	6.64	87	5.78	6.63	87	51-126	<1	30
Aldrin	8081B	4.02	6.64	61	4.36	6.63	66	45-109	8	30
Dieldrin	8081B	4.70	6.64	71	4.83	6.63	73	56-111	3	30
Endosulfan I	8081B	4.10	6.64	62	4.52	6.63	68	54-109	10	30
Endosulfan II	8081B	4.95	6.64	75	5.02	6.63	76	50-116	2	30
Endosulfan Sulfate	8081B	4.94	6.64	74	4.99	6.63	75	55-115	<1	30
Endrin	8081B	4.97	6.64	75	5.10	6.63	77	49-124	3	30
Endrin Aldehyde	8081B	4.40	6.64	66	4.28	6.63	65	21-139	3	30
Endrin Ketone	8081B	5.32	6.64	80	5.45	6.63	82	50-124	2	30
Heptachlor	8081B	4.39	6.64	66	4.76	6.63	72	43-115	8	30
Heptachlor Epoxide	8081B	4.45	6.64	67	4.83	6.63	73	53-113	8	30
Methoxychlor	8081B	6.26	6.64	94	6.46	6.63	97	47-141	3	30
alpha-BHC	8081B	3.98	6.64	60	4.27	6.63	65	44-109	7	30
alpha-Chlordane	8081B	4.57	6.64	69	4.87	6.63	74	52-114	6	30
beta-BHC	8081B	4.76	6.64	72	5.14	6.63	78	49-119	8	30
delta-BHC	8081B	4.93	6.64	74	5.25	6.63	79	49-113	6	30
gamma-BHC (Lindane)	8081B	3.99	6.64	60	4.33	6.63	65	43-112	8	30
gamma-Chlordane	8081B	4.69	6.64	71	4.91	6.63	74	51-117	5	30

Client: ALS Environmental - US **Service Request:** R2510173
Project: 7415 Nett
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

Analysis Method: 8082A
Extraction Method: EPA 3546

Sample Name	Lab Code	Decachlorobiphenyl 10 - 138	Tetrachloro-m-xylene 11 - 122
7415 SB01 (1-2)	R2510173-001	83	55
7415 SB02 (3-4)	R2510173-002	71	54
7415 SB03 (5-6)	R2510173-003	71	51 P
Method Blank	RQ2511334-01	76	50
Lab Control Sample	RQ2511334-04	76	53
Duplicate Lab Control Sample	RQ2511334-05	71	55

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ2511334-01	**Basis:**	Dry

Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

Analysis Method: 8082A
Prep Method: EPA 3546

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
Aroclor 1016	17 U	33	17	1	09/03/25 20:41	8/26/25	
Aroclor 1221	26 U	66	26	1	09/03/25 20:41	8/26/25	
Aroclor 1232	19 U	33	19	1	09/03/25 20:41	8/26/25	
Aroclor 1242	17 U	33	17	1	09/03/25 20:41	8/26/25	
Aroclor 1248	18 U	33	18	1	09/03/25 20:41	8/26/25	
Aroclor 1254	17 U	33	17	1	09/03/25 20:41	8/26/25	
Aroclor 1260	17 U	33	17	1	09/03/25 20:41	8/26/25	
Aroclor 1262	17 U	33	17	1	09/03/25 20:41	8/26/25	
Aroclor 1268	17 U	33	17	1	09/03/25 20:41	8/26/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
Decachlorobiphenyl	76	10 - 138	09/03/25 20:41	
Tetrachloro-m-xylene	50	11 - 122	09/03/25 20:41	

Client: ALS Environmental - US
Project: 7415 Nett
Sample Matrix: Soil

Service Request: R2510173
Date Analyzed: 09/03/25

Duplicate Lab Control Sample Summary
Polychlorinated Biphenyls (PCBs) by GC using Microwave Extraction

Units:ug/Kg
Basis: Dry

			Lab Control Sample		Duplicate Lab Control Sample					
			RQ2511334-04		RQ2511334-05					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
Aroclor 1016	8082A	116	165	70	113	165	68	34-141	3	30
Aroclor 1260	8082A	133	165	80	126	165	76	30-158	5	30

Client: ALS Environmental - US **Service Request:** R2510173
Project: 7415 Nett
Sample Matrix: Soil

SURROGATE RECOVERY SUMMARY
Chlorinated Herbicides by GC

Analysis Method: 8151A
Extraction Method: Method

Sample Name	Lab Code	DCAA 10 - 151
7415 SB01 (1-2)	R2510173-001	45
7415 SB02 (3-4)	R2510173-002	56
7415 SB03 (5-6)	R2510173-003	63
Method Blank	RQ2511381-01	46
Lab Control Sample	RQ2511381-02	53
Duplicate Lab Control Sample	RQ2511381-03	55

Analytical Report

Client:	ALS Environmental - US	**Service Request:**	R2510173
Project:	7415 Nett	**Date Collected:**	NA
Sample Matrix:	Soil	**Date Received:**	NA
Sample Name:	Method Blank	**Units:**	ug/Kg
Lab Code:	RQ2511381-01	**Basis:**	Dry

Chlorinated Herbicides by GC

Analysis Method: 8151A
Prep Method: Method

Analyte Name	Result	MRL	MDL	Dil.	Date Analyzed	Date Extracted	Q
2,4,5-T	5.0 U	9.9	5.0	1	08/29/25 02:30	8/26/25	
2,4,5-TP	4.5 U	9.9	4.5	1	08/29/25 02:30	8/26/25	
2,4-D	6.5 U	9.9	6.5	1	08/29/25 02:30	8/26/25	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
DCAA	46	10 - 151	08/29/25 02:30	

Client: ALS Environmental - US
Project: 7415 Nett
Sample Matrix: Soil

Service Request: R2510173
Date Analyzed: 08/29/25

Duplicate Lab Control Sample Summary
Chlorinated Herbicides by GC

Units:ug/Kg
Basis: Dry

			Lab Control Sample		Duplicate Lab Control Sample					
			RQ2511381-02		RQ2511381-03					
Analyte Name	**Analytical Method**	**Result**	**Spike Amount**	**% Rec**	**Result**	**Spike Amount**	**% Rec**	**% Rec Limits**	**RPD**	**RPD Limit**
2,4,5-T	8151A	15.5	24.6	63	19.0	24.9	76	19-127	20	30
2,4,5-TP	8151A	12.6	24.6	51	15.2	24.9	61	18-122	18	30
2,4-D	8151A	11.3	24.6	46	13.3	24.9	54	31-119	17	30

right solutions.
right partner.

October 17, 2025

Ryan Montri
The Mannik & Smith Group, Inc.
2365 Haggerty Road South
Suite 100
Canton, MI 48188

Date Received: **10/09/2025**
Work Order: **HN2514964**

Re: **DETR0060**

Dear Ryan,

Enclosed are the results of the sample(s) submitted to our laboratory.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to contact me:
ADDRESS: 3352 128th Avenue, Holland, MI, USA PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Dale Schipper
/S/ DALE SCHIPPER

Project Manager

Client: The Mannik & Smith Group, Inc. **Work Order:** HN2514964

Project: DETR0060 **Date Received:** 09-Oct-2025

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt

1 soil/solid sample was received for analysis at ALS Environmental on 09-Oct-2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

SAMPLE SUMMARY

Client: The Mannik & Smith Group, Inc.
Project: DETR0060
Workorder: HN2514964

Laboratory Sample ID	Client Sample ID	Sample Matrix	Collection Date	Date Received
HN2514964-001	7415 Nett SB03 TCLP	SOIL/SOLID	10/08/25 11:18	10/09/25 07:00

REPORT QUALIFIERS AND DEFINITIONS

*	Value exceeds Regulatory Limit (if MCL displayed)
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
NC	Not Calculated
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
V	The Continuing Calibration Verification was outside of control criteria
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

Holland Laboratory Certifications[1]

Agency	Type	ID	Issued	Expires
Alabama	Drinking Water (Secondary)	42500	12/17/2024	12/31/2025
Colorado	UST		07/01/2025	06/30/2026
Connecticut	Drinking Water (Secondary)	PH-0155	12/10/2024	12/31/2026
Florida	NELAP (Primary)	E871106	07/01/2025	06/30/2026
Illinois	NELAP (Secondary)	200076	11/14/2024	12/31/2025
Indiana	Drinking Water (Secondary)	C-MI-08	12/31/2024	09/04/2026
Iowa	State Specific	403	09/18/2023	09/01/2025
Kansas	NELAP (Secondary)	E-10411	07/09/2024	07/31/2025
Kentucky	Waste Water	KY98004	12/20/2024	12/31/2025
Kentucky	UST	120474	06/24/2024	06/30/2025
Michigan	Drinking Water (Primary)	0022	12/19/2023	09/04/2026
Minnesota	NELAP (Secondary)	026-999-449	12/17/2024	12/31/2025
Missouri	Drinking Water (Secondary)	01262	11/14/2024	12/30/2027
New Jersey	NELAP (Secondary)	MI015	07/01/2024	6/30/2025
New York	NELAP (Secondary)	12128	04/01/2025	04/01/2026
North Dakota	State Specific	R-192	11/18/2024	06/30/2025
Ohio	Drinking Water (Secondary)	87783	06/26/2025	6/30/2026
Pennsylvania	NELAP (Secondary)	68-03827	06/14/2024	07/31/2025
Texas	NELAP (Secondary)	T104704494	02/12/2025	01/31/2026
USDA	Domestic CA	Soil-MI-007	02/06/2025	08/07/2026
USDA	Soil Import	525-23-62-77572	03/03/2023	03/03/2026
West Virginia	State Specific	355	06/07/2025	08/31/2026
Wisconsin	State Specific	399084510	08/15/2024	08/31/2025

1 - Scope available upon request

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2514964
Project:	DETR0060	**Date Collected:**	10/08/25 11:18
Matrix:	SOIL/SOLID	**Date Received:**	10/09/25 07:00

CLIENT ID: 7415 Nett SB03 TCLP **Lab ID: HN2514964-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
TCLP Metals								
Arsenic	EPA 6020B	ND		mg/L	0.0499	1	10/15/25 22:57	10/15/25 11:38

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2514964
Project:	DETR0060	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2276218	**Run ID:**	3590591

TCLP Metals

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2276218-001**

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 10/15/25 22:36

Prep Date: 10/15/25 11:39

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	ND	mg/L	0.0499							

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2276218-002**

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 10/15/25 22:37

Prep Date: 10/15/25 11:39

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	1.05	mg/L	0.0499	1		105	80-120			

The following samples were analyzed in this batch: HN2514964-001

ANALYST SUMMARY

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2514964
Project:	DETR0060		

Sample Name:	7415 Nett SB03 TCLP	**Date Collected:**	10/08/25
Laboratory Code:	HN2514964-001	**Date Received:**	10/09/25
Sample Matrix:	SOIL/SOLID		

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 6020B	EPA 3015A	001-AD	2276218	Chloe Patrick	3590591	Hunter Johnson

ALS Environmental

Laboratory location:

Chain of Custody Form

Page 1 of 1

ALS Project Manager: | **Work Order #:**

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	7415 Nett	A	TCLP Arsenic
Work Order	Quote ID - 11631	Project Number	DETR0060	B	
Company Name	Mannik Smith Group	Bill To Company	Mannik Smith Group	C	
Send Report To	Ryan Montri	Invoice Attn.		D	
Address	2365 South Haggerty Road	Address	2365 South Haggerty Road	E	
				F	
City/State/Zip	Canton, Mi 48188	City/State/Zip	Canton, Mi 48188	G	
Phone	734-397-3100	Phone	734-397-3100	H	
Fax		Fax		I	
e-Mail Address	rmontri@manniksmithgroup.com	e-Mail Address		J	

Environmental Division
Holland
Work Order Reference
HN2514964

Telephone : +1 616 399 6070

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	J	Hold
1	7415 Nett SB03 TCLP	10/8/25	1118	Soil		2	X				
2											
3											
4											
5											
6											
7											
8											
9											
10											

Sampler(s): Please Print & Sign: Shannon Kaczmarek

Shipment Method:

Required Turnaround Time: ☐ STD 10 Wk Days ☑ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other

Results Due Date:

Relinquished by:	**Date:** 10/8/25	**Time:** 4:28	**Received by:**	**Notes:** QS to Brittany H 10/9/25 0700	
Relinquished by:	**Date:** 10/9/25	**Time:** 1700	**Received by (Laboratory):** QS	**Cooler Temp.**	**QC Package: (Check Box Below)**
Logged by (Laboratory): BH	**Date:** 10/9/25	**Time:** 14:36	**Checked by (Laboratory):**	IR7 2.1c	☐ Level II: Standard QC ☐ TRRP-Checklist ☐ Level III: Std QC + Raw Data ☐ TRRP Level IV ☐ Level IV: SW846 CLP-Like ☐ Other:

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Laboratory Group.
Signature denotes acceptance of ALS Group USA, Corp. Terms and Conditions - Please click the link below for detailed Terms & Conditions:
https://www.alsglobal.com/ALSGroupUSACorpTC

ALS Holland Sample Receiving Checklist

Received by:	Brittany H
Date/Time:	10/9/25 0700
Carrier Name:	QS
Shipping container/cooler in good condition?	(Yes) / No / Not Present
Custody seals intact on shipping container/cooler?	Yes / No / (Not Present)
Custody seals intact on sample bottles?	Yes / No / (Not Present)
Chain of Custody present?	(Yes) / No
COC signed when relinquished and received?	(Yes) / No
COC agrees with sample labels?	(Yes) / No
Samples in proper container/bottle?	(Yes) / No
Sample containers intact?	(Yes) / No
Sufficient sample volume for indicated test?	(Yes) / No
All samples received within holding time?	(Yes) / No
Container/Temp Blank temperature in compliance?	(Yes) / No
Temperature(s) (°C):	2.1/2.1c
Thermometer(s):	IR7
Sample(s) received on ice?	(Yes) / No
Matrix/Matrices:	Soil
Cooler(s)/Kit(s):	1
Date/Time sample(s) sent to storage:	10/9/25 1436
Water – VOA vials have zero headspace?	Yes / No / No Vials
Water – pH acceptable upon receipt?	Yes / No / N/A
pH strip lot #: _____	< 2 _____ > 12 _____ Other _____
pH adjusted (note adjustments below)?	Yes / No / N/A
pH adjusted by:	_____

Login Notes:

right solutions.
right partner.

October 30, 2025

Ryan Montri
The Mannik & Smith Group, Inc.
2365 Haggerty Road South
Suite 100
Canton, MI 48188

Date Received: **10/28/2025**
Work Order: **HN2516054**

Re: **DETR0060**

Dear Ryan,

Enclosed are the results of the sample(s) submitted to our laboratory.

The analytical data provided relates directly to the samples received by ALS Environmental - Holland and for only the analyses requested.

Sample results are compliant with industry accepted practices and Quality Control results achieved laboratory specifications. Any exceptions are noted in the Case Narrative, or noted with qualifiers in the report or QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained from ALS Environmental. Samples will be disposed in 30 days unless storage arrangements are made.

If you have any questions regarding this report, please feel free to contact me:
ADDRESS: 3352 128th Avenue, Holland, MI, USA PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Dale Schipper

/S/ NOAH STINNETT on behalf of PM listed above

Project Manager

Client: The Mannik & Smith Group, Inc. **Work Order:** HN2516054

Project: DETR0060 **Date Received:** 28-Oct-2025

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt

1 soil/solid sample was received for analysis at ALS Environmental on 28-Oct-2025. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Organics

EPA 8270E-FULL HN-3546-S

Run ID: 3639941

The MSD recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary for this analyte: 2,3,4,6-Tetrachlorophenol.

Run ID: 3631956

HN2516054-001: mass reduced due to sample matrix

SAMPLE DETECTION SUMMARY

This form includes only detections above the limits as presented.

For a full listing of sample results, continue to the Sample Results section of this Report.

CLIENT ID: 7415 Nett SB03 (5-6') R			Lab ID: HN2516054-001		
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**
Acenaphthene	975		19.4	µg/kg	EPA 8270E
Anthracene	479		19.4	µg/kg	EPA 8270E
Benzo(a)anthracene	105		19.4	µg/kg	EPA 8270E
Benzo(a)pyrene	71.7		19.4	µg/kg	EPA 8270E
Benzo(b)fluoranthene	98.8		19.4	µg/kg	EPA 8270E
Benzo(g,h,i)perylene	56.2		19.4	µg/kg	EPA 8270E
Benzo(k)fluoranthene	42.6		19.4	µg/kg	EPA 8270E
Chrysene	75.6		19.4	µg/kg	EPA 8270E
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl) phthalate, DEHP)	103		95.9	µg/kg	EPA 8270E
Dibenzofuran	601		95.9	µg/kg	EPA 8270E
Fluoranthene	657		19.4	µg/kg	EPA 8270E
Fluorene	139		19.4	µg/kg	EPA 8270E
Indeno(1,2,3-cd) pyrene	50.4		19.4	µg/kg	EPA 8270E
Percent Moisture	14.8		0.1	%	EPA 3550C
Phenanthrene	67.8		19.4	µg/kg	EPA 8270E
Pyrene	438		19.4	µg/kg	EPA 8270E

SAMPLE SUMMARY

Client: The Mannik & Smith Group, Inc.
Project: DETR0060
Workorder: HN2516054

Laboratory Sample ID	Client Sample ID	Sample Matrix	Collection Date	Date Received
HN2516054-001	7415 Nett SB03 (5-6') R	SOIL/SOLID	10/27/25 13:02	10/28/25 06:00

ALS Environmental

Laboratory location:

Chain of Custody Form

Page 1 of 1

ALS Project Manager: | **Work Order #:**

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	7415 Nett	A	SVOCs (U.S. EPA Method 8270D (or Method 8270))
Work Order		Project Number	DETR0060	B	
Company Name	The Mannik and Smith Group	Bill To Company	The Mannik and Smith Group	C	
Send Report To	Ryan Montri	Invoice Attn.		D	
Address	2365 Haggerty Rd South Suite 100	Address	2365 Haggerty Rd South Suite 100	E	
				F	
City/State/Zip	Canton, MI 48188	City/State/Zip	Canton, MI 48188	G	
Phone	734-397-3100	Phone	734-397-3100	H	
Fax		Fax		I	
e-Mail Address	RMontri@manniksmithgroup.com	e-Mail Address		J	

Environmental Division
Holland
Work Order Reference
HN2516054

Telephone : +1 616 399 6070

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	J	Hold
1	~~SB03~~ SB03 (5-6') R	10/27/25	1302	S	NA	1	X				
2	7415 Nett										
3											
4											
5											
6											
7											
8											
9											
10											

Sampler(s): Please Print & Sign: Kevin Warf

Shipment Method:

Required Turnaround Time: ☒ 5 Wk Days ☐ STD 10 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☒ Other 72 HRS

Results Due Date:

Relinquished by:	**Date:**	**Time:**	**Received by:**	**Notes:**	**Quote# HN-061825-M&S-MA**
Wiley Davenport	10/27/25	1558		QS to Bwatterworth 10/28/25 0600	
Relinquished by:	**Date:**	**Time:**	**Received by (Laboratory):**	**Cooler Temp.**	**QC Package: (Check Box Below)**
	10/27/25	1558	QS	1R7 5.8C	☐ Level II: Standard QC ☐ TRRP-Checklist
Logged by (Laboratory):	**Date:**	**Time:**	**Checked by (Laboratory):**		☐ Level III: Std QC + Raw Data ☐ TRRP Level IV
BH	10/28/25	0817			☐ Level IV: SW846 CLP-Like
					☐ Other:

Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035

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Signature denotes acceptance of ALS Group USA, Corp. Terms and Conditions - Please click the link below for detailed Terms & Conditions:
https://www.alsglobal.com/ALSGroupUSACorpTC

ALS Holland Sample Receiving Checklist

Received by:	Brittany H
Date/Time:	10/28/25 0600
Carrier Name:	QS
Shipping container/cooler in good condition?	(Yes) / No / Not Present
Custody seals intact on shipping container/cooler?	Yes / No / (Not Present)
Custody seals intact on sample bottles?	Yes / No / (Not Present)
Chain of Custody present?	(Yes) / No
COC signed when relinquished and received?	(Yes) / No
COC agrees with sample labels?	(Yes) / No
Samples in proper container/bottle?	(Yes) / No
Sample containers intact?	(Yes) / No
Sufficient sample volume for indicated test?	(Yes) / No
All samples received within holding time?	(Yes) / No
Container/Temp Blank temperature in compliance?	(Yes) / No
Temperature(s) (°C):	5.8 5.8c
Thermometer(s):	IR7
Sample(s) received on ice?	(Yes) / No
Matrix/Matrices:	Soil
Cooler(s)/Kit(s):	1
Date/Time sample(s) sent to storage:	10/28/25 0817
Water – VOA vials have zero headspace?	Yes / No / (No Vials)
Water – pH acceptable upon receipt?	Yes / No / (N/A)
pH strip lot #: _____	< 2 _____ > 12 _____ Other _____
pH adjusted (note adjustments below)?	Yes / No / (N/A)
pH adjusted by:	_____

Login Notes:

REPORT QUALIFIERS AND DEFINITIONS

*	Value exceeds Regulatory Limit (if MCL displayed)
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the Reporting Limit
E	Value above quantitation range
H	Analyzed outside of Holding Time
J	Analyte is present at an estimated concentration between the MDL and Report Limit
NC	Not Calculated
ND	Not Detected at the Reporting Limit
O	Sample amount is > 4 times amount spiked
P	Dual Column results percent difference > 40%
R	RPD above laboratory control limit
S	Spike Recovery outside laboratory control limits
U	Analyzed but not detected above the MDL
V	The Continuing Calibration Verification was outside of control criteria
X	Analyte was detected in the Method Blank between the MDL and Reporting Limit, sample results may exhibit background or reagent contamination at the observed level.

Holland Laboratory Certifications[1]

Agency	Type	ID	Issued	Expires
Alabama	Drinking Water (Secondary)	42500	12/17/2024	12/31/2025
Colorado	UST		07/01/2025	06/30/2026
Connecticut	Drinking Water (Secondary)	PH-0155	12/10/2024	12/31/2026
Florida	NELAP (Primary)	E871106	07/01/2025	06/30/2026
Illinois	NELAP (Secondary)	200076	11/14/2024	12/31/2025
Indiana	Drinking Water (Secondary)	C-MI-08	12/31/2024	09/04/2026
Iowa	State Specific	403	09/18/2023	09/01/2025
Kansas	NELAP (Secondary)	E-10411	07/09/2024	07/31/2025
Kentucky	Waste Water	KY98004	12/20/2024	12/31/2025
Kentucky	UST	120474	06/24/2024	06/30/2025
Michigan	Drinking Water (Primary)	0022	12/19/2023	09/04/2026
Minnesota	NELAP (Secondary)	026-999-449	12/17/2024	12/31/2025
Missouri	Drinking Water (Secondary)	01262	11/14/2024	12/30/2027
New Jersey	NELAP (Secondary)	MI015	07/01/2024	6/30/2025
New York	NELAP (Secondary)	12128	04/01/2025	04/01/2026
North Dakota	State Specific	R-192	11/18/2024	06/30/2025
Ohio	Drinking Water (Secondary)	87783	06/26/2025	6/30/2026
Pennsylvania	NELAP (Secondary)	68-03827	06/14/2024	07/31/2025
Texas	NELAP (Secondary)	T104704494	02/12/2025	01/31/2026
USDA	Domestic CA	Soil-MI-007	02/06/2025	08/07/2026
USDA	Soil Import	525-23-62-77572	03/03/2023	03/03/2026
West Virginia	State Specific	355	06/07/2025	08/31/2026
Wisconsin	State Specific	399084510	08/15/2024	08/31/2025

1 - Scope available upon request

ANALYST SUMMARY

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2516054
Project:	DETR0060		

Sample Name:	7415 Nett SB03 (5-6') R	**Date Collected:**	10/27/25
Laboratory Code:	HN2516054-001	**Date Received:**	10/28/25
Sample Matrix:	SOIL/SOLID		

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		001-AA	2302720		3631423	Nicole Maleski
EPA 8270E	EPA 3546	001-AA	2303031	Willow Julien	3639941	Taryn Van Wyngarde

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2516054
Project:	DETR0060	**Date Collected:**	10/27/25 13:02
Matrix:	SOIL/SOLID	**Date Received:**	10/28/25 06:00

CLIENT ID: 7415 Nett SB03 (5-6') R — **Lab ID: HN2516054-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
General Chemistry Parameters								
Percent Moisture	EPA 3550C	**14.8**		%	0.1	1	10/28/25 11:36	NA
Semivolatile Organic Compounds by GC-MS								
1,1'-Biphenyl (BZ-0)	EPA 8270E	<15.7	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<22.3	U	µg/kg	968	1	10/29/25 20:59	10/28/25 11:33
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<69.5	U	µg/kg	484	1	10/29/25 20:59	10/28/25 11:33
1-Methylnaphthalene	EPA 8270E	<13.9	U	µg/kg	19.4	1	10/29/25 20:59	10/28/25 11:33
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl) ether	EPA 8270E	<22.7	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
2,3,4,6-Tetrachlorophenol	EPA 8270E	<70.9	U	µg/kg	194	1	10/29/25 20:59	10/28/25 11:33
2,4,5-Trichlorophenol	EPA 8270E	<57.4	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
2,4,6-Trichlorophenol	EPA 8270E	<25.8	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
2,4-Dichlorophenol	EPA 8270E	<52.1	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
2,4-Dimethylphenol	EPA 8270E	<49.8	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
2,4-Dinitrophenol	EPA 8270E	<708	U	µg/kg	968	1	10/29/25 20:59	10/28/25 11:33
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<62.9	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<24.7	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
2-Chloronaphthalene	EPA 8270E	<13.5	U	µg/kg	19.4	1	10/29/25 20:59	10/28/25 11:33
2-Chlorophenol	EPA 8270E	<63.4	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<80.9	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
2-Methylnaphthalene	EPA 8270E	<9.85	U	µg/kg	19.4	1	10/29/25 20:59	10/28/25 11:33
2-Methylphenol (o-Cresol)	EPA 8270E	<26.2	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
2-Nitroaniline	EPA 8270E	<53.8	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
2-Nitrophenol	EPA 8270E	<27.6	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
3&4-Methylphenol	EPA 8270E	<52.8	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
3,3'-Dichlorobenzidine	EPA 8270E	<45.2	U	µg/kg	484	1	10/29/25 20:59	10/28/25 11:33
3-Nitroaniline	EPA 8270E	<56.2	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<53.1	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2516054
Project:	DETR0060	**Date Collected:**	10/27/25 13:02
Matrix:	SOIL/SOLID	**Date Received:**	10/28/25 06:00

CLIENT ID: 7415 Nett SB03 (5-6') R — **Lab ID: HN2516054-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
4-Chloro-3-methylphenol	EPA 8270E	<27.6	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
4-Chloroaniline	EPA 8270E	<49.2	U	µg/kg	194	1	10/29/25 20:59	10/28/25 11:33
4-Chlorophenyl phenylether	EPA 8270E	<26.8	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
4-Nitroaniline	EPA 8270E	<150	U	µg/kg	484	1	10/29/25 20:59	10/28/25 11:33
4-Nitrophenol	EPA 8270E	<227	U	µg/kg	968	1	10/29/25 20:59	10/28/25 11:33
Acenaphthene	EPA 8270E	**975**		µg/kg	19.4	1	10/29/25 20:59	10/28/25 11:33
Acenaphthylene	EPA 8270E	<16.8	U	µg/kg	19.4	1	10/29/25 20:59	10/28/25 11:33
Acetophenone	EPA 8270E	<15.2	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
Anthracene	EPA 8270E	**479**		µg/kg	19.4	1	10/29/25 20:59	10/28/25 11:33
Atrazine	EPA 8270E	<56.8	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
Benzaldehyde	EPA 8270E	<149	U	µg/kg	194	1	10/29/25 20:59	10/28/25 11:33
Benzo(a)anthracene	EPA 8270E	**105**		µg/kg	19.4	1	10/29/25 20:59	10/28/25 11:33
Benzo(a)pyrene	EPA 8270E	**71.7**		µg/kg	19.4	1	10/29/25 20:59	10/28/25 11:33
Benzo(b)fluoranthene	EPA 8270E	**98.8**		µg/kg	19.4	1	10/29/25 20:59	10/28/25 11:33
Benzo(g,h,i)perylene	EPA 8270E	**56.2**		µg/kg	19.4	1	10/29/25 20:59	10/28/25 11:33
Benzo(k)fluoranthene	EPA 8270E	**42.6**		µg/kg	19.4	1	10/29/25 20:59	10/28/25 11:33
bis(2-Chloroethoxy) methane	EPA 8270E	<61.4	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
bis(2-Chloroethyl) ether	EPA 8270E	<27.4	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
Butyl benzyl phthalate	EPA 8270E	<121	U	µg/kg	194	1	10/29/25 20:59	10/28/25 11:33
Caprolactam	EPA 8270E	<87.4	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
Carbazole	EPA 8270E	<28.5	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
Chrysene	EPA 8270E	**75.6**		µg/kg	19.4	1	10/29/25 20:59	10/28/25 11:33
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl) phthalate, DEHP)	EPA 8270E	**103**		µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
Dibenz(a,h) anthracene	EPA 8270E	<10.5	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
Dibenzofuran	EPA 8270E	**601**		µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
Diethyl phthalate	EPA 8270E	<33.0	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
Dimethyl phthalate	EPA 8270E	<18.9	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
Fluoranthene	EPA 8270E	**657**		µg/kg	19.4	1	10/29/25 20:59	10/28/25 11:33
Fluorene	EPA 8270E	**139**		µg/kg	19.4	1	10/29/25 20:59	10/28/25 11:33
Hexachlorobenzene	EPA 8270E	<28.2	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2516054
Project:	DETR0060	**Date Collected:**	10/27/25 13:02
Matrix:	SOIL/SOLID	**Date Received:**	10/28/25 06:00

CLIENT ID: 7415 Nett SB03 (5-6') R — **Lab ID: HN2516054-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Hexachlorobutadiene	EPA 8270E	<22.8	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
Hexachlorocyclopentadiene	EPA 8270E	<91.8	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
Hexachloroethane	EPA 8270E	<40.1	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
Indeno(1,2,3-cd) pyrene	EPA 8270E	**50.4**		µg/kg	19.4	1	10/29/25 20:59	10/28/25 11:33
Isophorone	EPA 8270E	<18.9	U	µg/kg	484	1	10/29/25 20:59	10/28/25 11:33
Methylphenol, Total	EPA 8270E	<26.2	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
Naphthalene	EPA 8270E	<12.4	U	µg/kg	19.4	1	10/29/25 20:59	10/28/25 11:33
Nitrobenzene	EPA 8270E	<32.5	U	µg/kg	484	1	10/29/25 20:59	10/28/25 11:33
n-Nitrosodi-n-propylamine	EPA 8270E	<16.0	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
N-Nitrosodiphenylamine	EPA 8270E	<56.1	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
Pentachlorophenol	EPA 8270E	<77.0	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
Phenanthrene	EPA 8270E	**67.8**		µg/kg	19.4	1	10/29/25 20:59	10/28/25 11:33
Phenol	EPA 8270E	<48.7	U	µg/kg	95.9	1	10/29/25 20:59	10/28/25 11:33
Pyrene	EPA 8270E	**438**		µg/kg	19.4	1	10/29/25 20:59	10/28/25 11:33
Pyridine	EPA 8270E	<191	U	µg/kg	484	1	10/29/25 20:59	10/28/25 11:33
Surr: 2,4,6-Tribromophenol	*EPA 8270E*	***77.5***		*%REC*	*48-94*	*1*	*10/29/25 20:59*	*10/28/25 11:33*
Surr: 2-Fluorobiphenyl	*EPA 8270E*	***80.9***		*%REC*	*50-103*	*1*	*10/29/25 20:59*	*10/28/25 11:33*
Surr: 2-Fluorophenol	*EPA 8270E*	***73.3***		*%REC*	*43-105*	*1*	*10/29/25 20:59*	*10/28/25 11:33*
Surr: 4-Terphenyl-d14	*EPA 8270E*	***75.4***		*%REC*	*55-111*	*1*	*10/29/25 20:59*	*10/28/25 11:33*
Surr: Nitrobenzene-d5	*EPA 8270E*	***66.8***		*%REC*	*47-100*	*1*	*10/29/25 20:59*	*10/28/25 11:33*
Surr: Phenol-d6	*EPA 8270E*	***76.9***		*%REC*	*49-110*	*1*	*10/29/25 20:59*	*10/28/25 11:33*

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2516054
Project:	DETR0060	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2302720	**Run ID:**	3631423

General Chemistry Parameters

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2302720-001**

Method: EPA 3550C | **Dilution:** 1 | **Analysis Date:** 10/28/25 11:36 | **Prep Date:** NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	<0.1	%	0.1							U

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2302720-002**

Method: EPA 3550C | **Dilution:** 1 | **Analysis Date:** 10/28/25 11:36 | **Prep Date:** NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	100	%	0.1	100		100.0	98-102			

DUP | **CLIENT ID: Batch QC** | **Lab ID: QC-2302720-004**

Method: EPA 3550C | **Dilution:** 1 | **Analysis Date:** 10/28/25 11:36 | **Prep Date:** NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	37.5	%	0.1		37.7			0.559	10	

DUP | **CLIENT ID: Batch QC** | **Lab ID: QC-2302720-015**

Method: EPA 3550C | **Dilution:** 1 | **Analysis Date:** 10/28/25 11:36 | **Prep Date:** NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	38.5	%	0.1		39.5			2.51	10	

The following samples were analyzed in this batch: HN2516054-001

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2516054
Project:	DETR0060	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2303031	**Run ID:**	3639941

Semivolatile Organic Compounds by GC-MS

MB	CLIENT ID: Method Blank	Lab ID: QC-2303031-001

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 10/29/25 13:38

Prep Date: 10/28/25 11:34

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	<5.41	µg/kg	33.0							U
1,2,4,5-Tetrachlorobenzene	<7.69	µg/kg	333							U
1,4-Dioxane (1,4- Diethyleneoxide)	<23.9	µg/kg	167							U
1-Methylnaphthalene	<4.80	µg/kg	6.67							U
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	<7.81	µg/kg	33.0							U
2,3,4,6-Tetrachlorophenol	<24.4	µg/kg	67.0							U
2,4,5-Trichlorophenol	<19.8	µg/kg	33.0							U
2,4,6-Trichlorophenol	<8.87	µg/kg	33.0							U
2,4-Dichlorophenol	<17.9	µg/kg	33.0							U
2,4-Dimethylphenol	<17.1	µg/kg	33.0							U
2,4-Dinitrophenol	<244	µg/kg	333							U
2,4-Dinitrotoluene (2,4-DNT)	<21.6	µg/kg	33.0							U
2,6-Dinitrotoluene (2,6-DNT)	<8.51	µg/kg	33.0							U
2-Chloronaphthalene	<4.66	µg/kg	6.67							U
2-Chlorophenol	<21.8	µg/kg	33.0							U
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	<27.8	µg/kg	33.0							U
2-Methylnaphthalene	<3.39	µg/kg	6.67							U
2-Methylphenol (o-Cresol)	<9.01	µg/kg	33.0							U
2-Nitroaniline	<18.5	µg/kg	33.0							U
2-Nitrophenol	<9.50	µg/kg	33.0							U
3&4-Methylphenol	<18.2	µg/kg	33.0							U
3,3'-Dichlorobenzidine	<15.6	µg/kg	167							U
3-Nitroaniline	<19.4	µg/kg	33.0							U
4-Bromophenyl phenyl ether (BDE-3)	<18.3	µg/kg	33.0							U
4-Chloro-3-methylphenol	<9.50	µg/kg	33.0							U
4-Chloroaniline	<16.9	µg/kg	67.0							U
4-Chlorophenyl phenylether	<9.21	µg/kg	33.0							U
4-Nitroaniline	<51.7	µg/kg	167							U
4-Nitrophenol	<78.1	µg/kg	333							U
Acenaphthene	<4.82	µg/kg	6.67							U
Acenaphthylene	<5.78	µg/kg	6.67							U
Acetophenone	<5.22	µg/kg	33.0							U
Anthracene	<4.70	µg/kg	6.67							U
Atrazine	<19.5	µg/kg	33.0							U
Benzaldehyde	<51.2	µg/kg	67.0							U
Benzo(a)anthracene	<5.76	µg/kg	6.67							U
Benzo(a)pyrene	<4.09	µg/kg	6.67							U
Benzo(b)fluoranthene	<4.97	µg/kg	6.67							U
Benzo(g,h,i)perylene	<5.11	µg/kg	6.67							U
Benzo(k)fluoranthene	<5.05	µg/kg	6.67							U
bis(2-Chloroethoxy)methane	<21.1	µg/kg	33.0							U
bis(2-Chloroethyl) ether	<9.44	µg/kg	33.0							U

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2516054
Project:	DETR0060	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2303031	**Run ID:**	3639941

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2303031-001**

Method: EPA 8270E | **Dilution:** 1 | **Analysis Date:** 10/29/25 13:38 | **Prep Date:** 10/28/25 11:34

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Butyl benzyl phthalate	<41.7	µg/kg	67.0							U
Caprolactam	<30.1	µg/kg	33.0							U
Carbazole	<9.82	µg/kg	33.0							U
Chrysene	<5.39	µg/kg	6.67							U
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	<27.6	µg/kg	33.0							U
Dibenz(a,h) anthracene	<3.60	µg/kg	33.0							U
Dibenzofuran	<4.90	µg/kg	33.0							U
Diethyl phthalate	<11.3	µg/kg	33.0							U
Dimethyl phthalate	<6.50	µg/kg	33.0							U
Fluoranthene	<3.20	µg/kg	6.67							U
Fluorene	<4.84	µg/kg	6.67							U
Hexachlorobenzene	<9.70	µg/kg	33.0							U
Hexachlorobutadiene	<7.85	µg/kg	33.0							U
Hexachlorocyclopentadiene	<31.6	µg/kg	33.0							U
Hexachloroethane	<13.8	µg/kg	33.0							U
Indeno(1,2,3-cd) pyrene	<4.64	µg/kg	6.67							U
Isophorone	<6.51	µg/kg	167							U
Methylphenol, Total	<9.01	µg/kg	67.0							U
Naphthalene	<4.26	µg/kg	6.67							U
Nitrobenzene	<11.2	µg/kg	167							U
n-Nitrosodi-n-propylamine	<5.50	µg/kg	33.0							U
N-Nitrosodiphenylamine	<19.3	µg/kg	33.0							U
Pentachlorophenol	<26.5	µg/kg	33.0							U
Phenanthrene	<3.10	µg/kg	6.67							U
Phenol	<16.7	µg/kg	33.0							U
Pyrene	<3.33	µg/kg	6.67							U
Pyridine	<65.6	µg/kg	167							U
Surr: 2,4,6-Tribromophenol	***2610***	*µg/kg*		3333		78.4	*48-94*			
Surr: 2-Fluorobiphenyl	***2430***	*µg/kg*		3333		72.8	*50-103*			
Surr: 2-Fluorophenol	***2210***	*µg/kg*		3333		66.3	*43-105*			
Surr: 4-Terphenyl-d14	***2450***	*µg/kg*		3333		73.4	*55-111*			
Surr: Nitrobenzene-d5	***2160***	*µg/kg*		3333		64.9	*47-100*			
Surr: Phenol-d6	***2280***	*µg/kg*		3333		68.4	*49-110*			

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2303031-002**

Method: EPA 8270E | **Dilution:** 1 | **Analysis Date:** 10/29/25 13:58 | **Prep Date:** 10/28/25 11:34

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	1010	µg/kg	33.0	1333		75.7	57-101			
1,2,4,5-Tetrachlorobenzene	1100	µg/kg	333	1333		82.4	54-98			
1-Methylnaphthalene	985	µg/kg	6.67	1333		73.9	56-100			
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	821	µg/kg	33.0	1333		61.6	50-101			
2,3,4,6-Tetrachlorophenol	1320	µg/kg	67.0	1333		99.4	48-103			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2516054
Project:	DETR0060	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2303031	**Run ID:**	3639941

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2303031-002**

Method: EPA 8270E | **Dilution:** 1 | **Analysis Date:** 10/29/25 13:58

Prep Date: 10/28/25 11:34

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	1150	µg/kg	33.0	1333		86.1	54-98			
2,4,6-Trichlorophenol	1140	µg/kg	33.0	1333		85.4	56-97			
2,4-Dichlorophenol	1030	µg/kg	33.0	1333		77.4	54-99			
2,4-Dimethylphenol	875	µg/kg	33.0	1333		65.6	47-102			
2,4-Dinitrophenol	1220	µg/kg	333	1333		91.6	10-100			
2,4-Dinitrotoluene (2,4-DNT)	1170	µg/kg	33.0	1333		87.8	62-105			
2,6-Dinitrotoluene (2,6-DNT)	1160	µg/kg	33.0	1333		87.0	62-103			
2-Chloronaphthalene	1000	µg/kg	6.67	1333		75.3	57-101			
2-Chlorophenol	973	µg/kg	33.0	1333		73.0	52-102			
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	1230	µg/kg	33.0	1333		92.2	42-104			
2-Methylnaphthalene	965	µg/kg	6.67	1333		72.4	55-102			
2-Methylphenol (o-Cresol)	914	µg/kg	33.0	1333		68.6	54-103			
2-Nitroaniline	1110	µg/kg	33.0	1333		83.0	57-103			
2-Nitrophenol	1260	µg/kg	33.0	1333		94.4	52-102			
3&4-Methylphenol	933	µg/kg	33.0	1333		70.0	56-103			
3,3'-Dichlorobenzidine	808	µg/kg	167	1333		60.6	41-91			
3-Nitroaniline	641	µg/kg	33.0	1333		48.1	35-107			
4-Bromophenyl phenyl ether (BDE-3)	1110	µg/kg	33.0	1333		83.1	63-104			
4-Chloro-3-methylphenol	1000	µg/kg	33.0	1333		75.3	57-103			
4-Chloroaniline	1070	µg/kg	67.0	1333		80.0	32-99			
4-Chlorophenyl phenylether	1120	µg/kg	33.0	1333		83.9	62-100			
4-Nitroaniline	744	µg/kg	167	1333		55.8	19-124			
4-Nitrophenol	1090	µg/kg	333	1333		82.0	44-106			
Acenaphthene	1020	µg/kg	6.67	1333		76.2	60-101			
Acenaphthylene	1030	µg/kg	6.67	1333		77.0	59-101			
Acetophenone	917	µg/kg	33.0	1333		68.8	54-102			
Anthracene	1050	µg/kg	6.67	1333		78.7	63-96			
Atrazine	1290	µg/kg	33.0	1333		96.9	60-110			
Benzaldehyde	253	µg/kg	67.0	1333		19.0	10-143			
Benzo(a)anthracene	1030	µg/kg	6.67	1333		77.2	66-102			
Benzo(a)pyrene	1130	µg/kg	6.67	1333		84.4	66-105			
Benzo(b)fluoranthene	1090	µg/kg	6.67	1333		81.9	67-105			
Benzo(g,h,i)perylene	1100	µg/kg	6.67	1333		82.8	59-110			
Benzo(k)fluoranthene	1060	µg/kg	6.67	1333		79.2	68-106			
bis(2-Chloroethoxy)methane	821	µg/kg	33.0	1333		61.6	54-102			
bis(2-Chloroethyl) ether	859	µg/kg	33.0	1333		64.4	51-101			
Butyl benzyl phthalate	1100	µg/kg	67.0	1333		82.4	59-107			
Caprolactam	1000	µg/kg	33.0	1333		75.3	49-103			
Carbazole	1000	µg/kg	33.0	1333		75.1	63-103			
Chrysene	1020	µg/kg	6.67	1333		76.5	66-105			
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	1110	µg/kg	33.0	1333		83.1	63-101			
Dibenz(a,h) anthracene	1130	µg/kg	33.0	1333		85.0	61-109			
Dibenzofuran	1050	µg/kg	33.0	1333		78.4	61-101			
Diethyl phthalate	1100	µg/kg	33.0	1333		82.5	63-105			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2516054
Project:	DETR0060	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2303031	**Run ID:**	3639941

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2303031-002**

Method: EPA 8270E | **Dilution:** 1 | **Analysis Date:** 10/29/25 13:58 | **Prep Date:** 10/28/25 11:34

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Dimethyl phthalate	1070	µg/kg	33.0	1333		80.6	64-104			
Fluoranthene	1080	µg/kg	6.67	1333		81.3	66-105			
Fluorene	1070	µg/kg	6.67	1333		80.3	62-101			
Hexachlorobenzene	1110	µg/kg	33.0	1333		83.6	61-104			
Hexachlorobutadiene	1120	µg/kg	33.0	1333		84.0	52-99			
Hexachlorocyclopentadiene	969	µg/kg	33.0	1333		72.7	39-106			
Hexachloroethane	977	µg/kg	33.0	1333		73.3	59-99			
Indeno(1,2,3-cd) pyrene	1250	µg/kg	6.67	1333		94.0	57-114			
Isophorone	920	µg/kg	167	1333		69.0	55-101			
Methylphenol, Total	1850	µg/kg	67.0	2667		69.2	54-103			
Naphthalene	939	µg/kg	6.67	1333		70.5	54-99			
Nitrobenzene	939	µg/kg	167	1333		70.5	53-100			
n-Nitrosodi-n-propylamine	953	µg/kg	33.0	1333		71.5	52-104			
N-Nitrosodiphenylamine	988	µg/kg	33.0	1333		74.1	61-104			
Pentachlorophenol	1170	µg/kg	33.0	1333		87.5	35-100			
Phenanthrene	983	µg/kg	6.67	1333		73.7	64-101			
Phenol	820	µg/kg	33.0	1333		61.5	51-107			
Pyrene	983	µg/kg	6.67	1333		73.8	62-114			
Pyridine	703	µg/kg	167	1333		52.8	40-84			
Surr: 2,4,6-Tribromophenol	***2880***	*µg/kg*		3333		86.4	*48-94*			
Surr: 2-Fluorobiphenyl	***2550***	*µg/kg*		3333		76.4	*50-103*			
Surr: 2-Fluorophenol	***2190***	*µg/kg*		3333		65.8	*43-105*			
Surr: 4-Terphenyl-d14	***2460***	*µg/kg*		3333		73.9	*55-111*			
Surr: Nitrobenzene-d5	***2350***	*µg/kg*		3333		70.5	*47-100*			
Surr: Phenol-d6	***2310***	*µg/kg*		3333		69.4	*49-110*			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2303031-005**

Method: EPA 8270E | **Dilution:** 1 | **Analysis Date:** 10/29/25 14:20 | **Prep Date:** 10/28/25 11:34

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	1640	µg/kg	53.6	2091.5	<8.49	78.6	57-101			
1,2,4,5-Tetrachlorobenzene	1780	µg/kg	541	2091.5	<12.1	85.3	54-98			
1-Methylnaphthalene	1640	µg/kg	10.8	2091.5	<7.53	78.3	56-100			
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1360	µg/kg	53.6	2091.5	<12.3	65.0	50-101			
2,3,4,6-Tetrachlorophenol	2070	µg/kg	108	2091.5	<38.3	99.1	48-103			
2,4,5-Trichlorophenol	1960	µg/kg	53.6	2091.5	<31.0	93.7	54-98			
2,4,6-Trichlorophenol	1920	µg/kg	53.6	2091.5	<13.9	91.9	56-97			
2,4-Dichlorophenol	1760	µg/kg	53.6	2091.5	<28.1	84.3	54-99			
2,4-Dimethylphenol	1530	µg/kg	53.6	2091.5	<26.9	73.3	47-102			
2,4-Dinitrophenol	1380	µg/kg	541	2091.5	<382	65.8	10-100			
2,4-Dinitrotoluene (2,4-DNT)	1910	µg/kg	53.6	2091.5	<34.0	91.3	62-105			
2,6-Dinitrotoluene (2,6-DNT)	1890	µg/kg	53.6	2091.5	<13.4	90.4	62-103			
2-Chloronaphthalene	1680	µg/kg	10.8	2091.5	<7.31	80.4	57-101			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2516054
Project:	DETR0060	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2303031	**Run ID:**	3639941

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2303031-005**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 10/29/25 14:20

Prep Date: 10/28/25 11:34

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2-Chlorophenol	1630	µg/kg	53.6	2091.5	<34.2	78.1	52-102			
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	2000	µg/kg	53.6	2091.5	<43.7	95.7	42-104			
2-Methylnaphthalene	1630	µg/kg	10.8	2091.5	<5.32	78.0	55-102			
2-Methylphenol (o-Cresol)	1540	µg/kg	53.6	2091.5	<14.1	73.9	54-103			
2-Nitroaniline	1830	µg/kg	53.6	2091.5	<29.0	87.4	57-103			
2-Nitrophenol	2120	µg/kg	53.6	2091.5	<14.9	101	52-102			
3&4-Methylphenol	1570	µg/kg	53.6	2091.5	<28.5	75.1	56-103			
3,3'-Dichlorobenzidine	1620	µg/kg	271	2091.5	<24.4	77.4	41-91			
3-Nitroaniline	991	µg/kg	53.6	2091.5	<30.4	47.4	35-107			
4-Bromophenyl phenyl ether (BDE-3)	1870	µg/kg	53.6	2091.5	<28.7	89.4	63-104			
4-Chloro-3-methylphenol	1660	µg/kg	53.6	2091.5	<14.9	79.4	57-103			
4-Chloroaniline	1780	µg/kg	108	2091.5	<26.6	85.1	32-99			
4-Chlorophenyl phenylether	1840	µg/kg	53.6	2091.5	<14.5	87.9	62-100			
4-Nitroaniline	1120	µg/kg	271	2091.5	<81.1	53.3	19-124			
4-Nitrophenol	1900	µg/kg	541	2091.5	<122	91.1	44-106			
Acenaphthene	1690	µg/kg	10.8	2091.5	<7.56	80.9	60-101			
Acenaphthylene	1690	µg/kg	10.8	2091.5	<9.07	80.9	59-101			
Acetophenone	1530	µg/kg	53.6	2091.5	<8.19	73.2	54-102			
Anthracene	1700	µg/kg	10.8	2091.5	<7.37	81.3	63-96			
Atrazine	2090	µg/kg	53.6	2091.5	<30.6	99.8	60-110			
Benzaldehyde	362	µg/kg	108	2091.5	<80.3	17.3	10-143			
Benzo(a)anthracene	1710	µg/kg	10.8	2091.5	<9.04	81.4	66-102			
Benzo(a)pyrene	1870	µg/kg	10.8	2091.5	<6.42	89.4	66-105			
Benzo(b)fluoranthene	1810	µg/kg	10.8	2091.5	<7.80	86.3	67-105			
Benzo(g,h,i)perylene	1840	µg/kg	10.8	2091.5	<8.02	88.1	59-110			
Benzo(k)fluoranthene	1750	µg/kg	10.8	2091.5	<7.92	83.5	68-106			
bis(2-Chloroethoxy)methane	1560	µg/kg	53.6	2091.5	<33.1	74.5	54-102			
bis(2-Chloroethyl) ether	1510	µg/kg	53.6	2091.5	<14.8	72.0	51-101			
Butyl benzyl phthalate	1820	µg/kg	108	2091.5	<65.5	87.2	59-107			
Caprolactam	1630	µg/kg	53.6	2091.5	<47.2	77.7	49-103			
Carbazole	1610	µg/kg	53.6	2091.5	<15.4	76.9	63-103			
Chrysene	1690	µg/kg	10.8	2091.5	<8.93	80.8	66-105			
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	1840	µg/kg	53.6	2091.5	<43.3	87.9	63-101			
Dibenz(a,h) anthracene	1860	µg/kg	53.6	2091.5	<5.65	89.0	61-109			
Dibenzofuran	1700	µg/kg	53.6	2091.5	<7.69	81.4	61-101			
Diethyl phthalate	1760	µg/kg	53.6	2091.5	<17.8	84.2	63-105			
Dimethyl phthalate	1760	µg/kg	53.6	2091.5	31.9	82.5	64-104			
Fluoranthene	1760	µg/kg	10.8	2091.5	5.70	84.1	66-105			
Fluorene	1740	µg/kg	10.8	2091.5	<7.59	83.2	62-101			
Hexachlorobenzene	1850	µg/kg	53.6	2091.5	<15.2	88.4	61-104			
Hexachlorobutadiene	1800	µg/kg	53.6	2091.5	<12.3	85.9	52-99			
Hexachlorocyclopentadiene	1760	µg/kg	53.6	2091.5	<51.2	84.2	39-106			
Hexachloroethane	1630	µg/kg	53.6	2091.5	<21.7	77.9	59-99			
Indeno(1,2,3-cd) pyrene	2040	µg/kg	10.8	2091.5	<7.28	97.5	57-114			

QA/QC Report

Client: The Mannik & Smith Group, Inc.
Project: DETR0060
Matrix: SOIL/SOLID
QC Lot: 2303031

Work Order: HN2516054
Date Collected: NA
Date Received: NA
Run ID: 3639941

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2303031-005**

Method: EPA 8270E | **Dilution:** 1 | **Analysis Date:** 10/29/25 14:20 | **Prep Date:** 10/28/25 11:34

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Isophorone	1530	µg/kg	271	2091.5	<10.2	73.2	55-101			
Methylphenol, Total	3120	µg/kg	53.6	4184.6	<14.1	74.5	54-103			
Naphthalene	1560	µg/kg	10.8	2091.5	<6.68	74.4	54-99			
Nitrobenzene	1570	µg/kg	271	2091.5	<17.6	75.1	53-100			
n-Nitrosodi-n-propylamine	1580	µg/kg	53.6	2091.5	<8.63	75.4	52-104			
N-Nitrosodiphenylamine	1610	µg/kg	53.6	2091.5	<30.3	76.8	61-104			
Pentachlorophenol	2040	µg/kg	53.6	2091.5	<41.5	97.4	35-100			
Phenanthrene	1570	µg/kg	10.8	2091.5	<4.86	74.9	64-101			
Phenol	1350	µg/kg	53.6	2091.5	<26.3	64.8	51-107			
Pyrene	1640	µg/kg	10.8	2091.5	<5.22	78.3	52-114			
Pyridine	1290	µg/kg	271	2091.5	<103	61.7	40-84			
Surr: 2,4,6-Tribromophenol	***4720***	*µg/kg*		5229.6		90.3	*48-94*			
Surr: 2-Fluorobiphenyl	***4230***	*µg/kg*		5229.6		80.9	*50-103*			
Surr: 2-Fluorophenol	***3770***	*µg/kg*		5229.6		72.0	*43-105*			
Surr: 4-Terphenyl-d14	***4090***	*µg/kg*		5229.6		78.2	*55-111*			
Surr: Nitrobenzene-d5	***3890***	*µg/kg*		5229.6		74.5	*47-100*			
Surr: Phenol-d6	***3840***	*µg/kg*		5229.6		73.4	*49-110*			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2303031-006**

Method: EPA 8270E | **Dilution:** 1 | **Analysis Date:** 10/29/25 14:41 | **Prep Date:** 10/28/25 11:34

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	1650	µg/kg	54.0	2104.7	<8.54	78.4	57-101	0.375	30	
1,2,4,5-Tetrachlorobenzene	1790	µg/kg	544	2104.7	<12.1	84.9	54-98	0.101	30	
1-Methylnaphthalene	1610	µg/kg	10.9	2104.7	<7.58	76.7	56-100	1.44	30	
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1350	µg/kg	54.0	2104.7	<12.3	64.4	50-101	0.375	30	
2,3,4,6-Tetrachlorophenol	2250	µg/kg	109	2104.7	<38.5	107	48-103	8.25	30	S
2,4,5-Trichlorophenol	1970	µg/kg	54.0	2104.7	<31.2	93.6	54-98	0.469	30	
2,4,6-Trichlorophenol	1970	µg/kg	54.0	2104.7	<14.0	93.8	56-97	2.73	30	
2,4-Dichlorophenol	1790	µg/kg	54.0	2104.7	<28.3	84.9	54-99	1.34	30	
2,4-Dimethylphenol	1720	µg/kg	54.0	2104.7	<27.1	81.6	47-102	11.4	30	
2,4-Dinitrophenol	1280	µg/kg	544	2104.7	<385	60.7	10-100	7.36	30	
2,4-Dinitrotoluene (2,4-DNT)	1930	µg/kg	54.0	2104.7	<34.2	91.7	62-105	1.07	30	
2,6-Dinitrotoluene (2,6-DNT)	1890	µg/kg	54.0	2104.7	<13.4	89.8	62-103	0.0920	30	
2-Chloronaphthalene	1680	µg/kg	10.9	2104.7	<7.36	79.8	57-101	0.182	30	
2-Chlorophenol	1620	µg/kg	54.0	2104.7	<34.4	77.2	52-102	0.594	30	
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	2030	µg/kg	54.0	2104.7	<44.0	96.3	42-104	1.25	30	
2-Methylnaphthalene	1620	µg/kg	10.9	2104.7	<5.35	77.0	55-102	0.597	30	
2-Methylphenol (o-Cresol)	1550	µg/kg	54.0	2104.7	<14.2	73.5	54-103	0.0865	30	
2-Nitroaniline	1840	µg/kg	54.0	2104.7	<29.2	87.6	57-103	0.801	30	
2-Nitrophenol	2120	µg/kg	54.0	2104.7	<15.0	101	52-102	0.333	30	
3&4-Methylphenol	1610	µg/kg	54.0	2104.7	<28.7	76.6	56-103	2.54	30	
3,3'-Dichlorobenzidine	1620	µg/kg	273	2104.7	<24.6	77.1	41-91	0.306	30	

QA/QC Report

Client: The Mannik & Smith Group, Inc.
Project: DETR0060
Matrix: SOIL/SOLID
QC Lot: 2303031

Work Order: HN2516054
Date Collected: NA
Date Received: NA
Run ID: 3639941

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2303031-006**

Method: EPA 8270E
Dilution: 1
Analysis Date: 10/29/25 14:41
Prep Date: 10/28/25 11:34

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
3-Nitroaniline	1020	µg/kg	54.0	2104.7	<30.6	48.5	35-107	3.03	30	
4-Bromophenyl phenyl ether (BDE-3)	1820	µg/kg	54.0	2104.7	<28.8	86.3	63-104	2.84	30	
4-Chloro-3-methylphenol	1670	µg/kg	54.0	2104.7	<15.0	79.1	57-103	0.251	30	
4-Chloroaniline	1770	µg/kg	109	2104.7	<26.7	84.2	32-99	0.434	30	
4-Chlorophenyl phenylether	1840	µg/kg	54.0	2104.7	<14.5	87.5	62-100	0.230	30	
4-Nitroaniline	1010	µg/kg	273	2104.7	<81.6	48.0	19-124	9.84	30	
4-Nitrophenol	1860	µg/kg	544	2104.7	<123	88.4	44-106	2.38	30	
Acenaphthene	1700	µg/kg	10.9	2104.7	<7.61	80.7	60-101	0.320	30	
Acenaphthylene	1720	µg/kg	10.9	2104.7	<9.13	81.5	59-101	1.37	30	
Acetophenone	1490	µg/kg	54.0	2104.7	<8.24	71.0	54-102	2.42	30	
Anthracene	1670	µg/kg	10.9	2104.7	<7.42	79.5	63-96	1.61	30	
Atrazine	2100	µg/kg	54.0	2104.7	<30.8	99.8	60-110	0.680	30	
Benzaldehyde	394	µg/kg	109	2104.7	<80.8	18.7	10-143	8.41	30	
Benzo(a)anthracene	1680	µg/kg	10.9	2104.7	<9.09	79.8	66-102	1.35	30	
Benzo(a)pyrene	1850	µg/kg	10.9	2104.7	<6.46	87.8	66-105	1.18	30	
Benzo(b)fluoranthene	1820	µg/kg	10.9	2104.7	<7.85	86.4	67-105	0.745	30	
Benzo(g,h,i)perylene	1820	µg/kg	10.9	2104.7	<8.07	86.4	59-110	1.32	30	
Benzo(k)fluoranthene	1660	µg/kg	10.9	2104.7	<7.97	78.9	68-106	4.98	30	
bis(2-Chloroethoxy)methane	1350	µg/kg	54.0	2104.7	<33.3	64.4	54-102	14.0	30	
bis(2-Chloroethyl) ether	1480	µg/kg	54.0	2104.7	<14.9	70.2	51-101	1.90	30	
Butyl benzyl phthalate	1810	µg/kg	109	2104.7	<65.9	86.0	59-107	0.757	30	
Caprolactam	1620	µg/kg	54.0	2104.7	<47.5	77.1	49-103	0.146	30	
Carbazole	1610	µg/kg	54.0	2104.7	<15.5	76.7	63-103	0.304	30	
Chrysene	1670	µg/kg	10.9	2104.7	<8.98	79.2	66-105	1.31	30	
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	1840	µg/kg	54.0	2104.7	<43.5	87.5	63-101	0.116	30	
Dibenz(a,h) anthracene	1860	µg/kg	54.0	2104.7	<5.68	88.4	61-109	0.0472	30	
Dibenzofuran	1750	µg/kg	54.0	2104.7	<7.74	83.0	61-101	2.58	30	
Diethyl phthalate	1810	µg/kg	54.0	2104.7	<17.9	85.9	63-105	2.63	30	
Dimethyl phthalate	1790	µg/kg	54.0	2104.7	31.9	83.7	64-104	1.93	30	
Fluoranthene	1740	µg/kg	10.9	2104.7	5.70	82.4	66-105	1.41	30	
Fluorene	1740	µg/kg	10.9	2104.7	<7.64	82.8	62-101	0.0873	30	
Hexachlorobenzene	1780	µg/kg	54.0	2104.7	<15.3	84.8	61-104	3.59	30	
Hexachlorobutadiene	1850	µg/kg	54.0	2104.7	<12.4	87.9	52-99	2.99	30	
Hexachlorocyclopentadiene	1820	µg/kg	54.0	2104.7	<51.5	86.5	39-106	3.27	30	
Hexachloroethane	1630	µg/kg	54.0	2104.7	<21.8	77.4	59-99	0.0499	30	
Indeno(1,2,3-cd) pyrene	2030	µg/kg	10.9	2104.7	<7.33	96.4	57-114	0.454	30	
Isophorone	1550	µg/kg	273	2104.7	<10.3	73.5	55-101	0.971	30	
Methylphenol, Total	3160	µg/kg	67.0	4211.1	<14.2	75.0	54-103	1.33	30	
Naphthalene	1560	µg/kg	10.9	2104.7	<6.73	74.0	54-99	0.0905	30	
Nitrobenzene	1570	µg/kg	273	2104.7	<17.7	74.4	53-100	0.307	30	
n-Nitrosodi-n-propylamine	1590	µg/kg	54.0	2104.7	<8.68	75.4	52-104	0.630	30	
N-Nitrosodiphenylamine	1630	µg/kg	54.0	2104.7	<30.5	77.3	61-104	1.28	30	
Pentachlorophenol	2050	µg/kg	54.0	2104.7	<41.8	97.6	35-100	0.835	30	
Phenanthrene	1600	µg/kg	10.9	2104.7	<4.89	75.9	64-101	1.89	30	
Phenol	1360	µg/kg	54.0	2104.7	<26.4	64.5	51-107	0.165	30	

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2516054
Project:	DETR0060	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2303031	**Run ID:**	3639941

MSD	**CLIENT ID: Batch QC**	**Lab ID: QC-2303031-006**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 10/29/25 14:41

Prep Date: 10/28/25 11:34

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Pyrene	1660	µg/kg	10.9	2104.7	<5.25	78.8	52-114	1.20	30	
Pyridine	1320	µg/kg	273	2104.7	<104	62.7	40-84	2.24	30	
Surr: 2,4,6-Tribromophenol	***4670***	*µg/kg*		5262.6		88.8	*48-94*	1.09	30	
Surr: 2-Fluorobiphenyl	***4230***	*µg/kg*		5262.6		80.3	*50-103*	0.140	30	
Surr: 2-Fluorophenol	***3690***	*µg/kg*		5262.6		70.1	*43-105*	2.10	30	
Surr: 4-Terphenyl-d14	***4000***	*µg/kg*		5262.6		76.0	*55-111*	2.23	30	
Surr: Nitrobenzene-d5	***3870***	*µg/kg*		5262.6		73.5	*47-100*	0.641	30	
Surr: Phenol-d6	***3820***	*µg/kg*		5262.6		72.5	*49-110*	0.631	30	

The following samples were analyzed in this batch: HN2516054-001