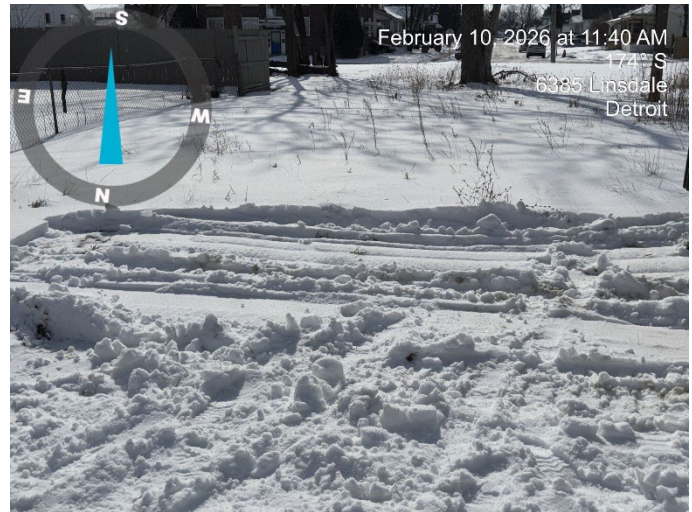


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FILL MATERIAL SAMPLING REPORT

6385 LINDSALE STREET
DETROIT, WAYNE COUNTY, MICHIGAN 48204



MARCH 9, 2026

PREPARED FOR:

THE CITY OF DETROIT DEMOLITION DEPARTMENT

1301 THIRD STREET, SUITE 606

DETROIT, MICHIGAN 48226



FILL MATERIAL SAMPLING REPORT

6385 LINDSALE STREET
DETROIT, WAYNE COUNTY, MICHIGAN 48204

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SENIOR PROJECT MANAGER

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 6385 Linsdale 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); semi-volatile 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 6385 SB01, 6385 SB02, and 6385 SB03 generally consisted of brown to dark brown clay to six (6) feet below ground surface (bgs), the maximum depth explored for this investigation. Field photoionization detector (PID) readings of the recovered soil cores were below instrument detection limits. There were no visual (staining) and/or olfactory (e.g., petroleum-like odors) indications of contamination observed during soil sampling activities; however, concrete, wood, brick, and/or asphalt debris was observed in 6385 SB01, 6385 SB02, and 6385 SB03.
- Concentrations of arsenic and chromium (Total) were detected in soil samples 6385 SB01 (1-2')_20260210, 6385 SB02 (3-4')_20260210, and/or 6385 SB03 (5-6')_20260210 in excess of Part 201 groundwater surface water interface protection criteria (GSIPC), drinking water protection criteria (DWPC), and/or direct contact criteria (DCC).
- Concentrations of 1-methylnaphthalene, 2-methylnaphthalene, 4,4'-DDE, 4,4-DDT, acenaphthene, anthracene, barium, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, benzo(a)pyrene, bis(2-ethylhexyl) phthalate, chloride, chrysene, copper, fluoranthene, indeno(1,2,3-cd)pyrene, lead, mercury, naphthalene, phenanthrene, pyrene, and zinc were detected in soil samples 6385 SB01 (1-2')_20260210, 6385 SB02 (3-4')_20260210, and/or 6385 SB03 (5-6')_20260210 at concentrations above laboratory method detection limits; however, detected concentrations were below their respective Part 201 GRCC and/or Statewide Default Background Levels.
- VOCs, PCBs, and herbicides 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. Given that the site is residential, exceedances of direct contact criteria 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.

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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 6385 Linsdale 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 February 10, 2026. 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 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); semi-volatile 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 February 10, 2026. A daily field activity report prepared by MSG is presented in *Appendix B, Daily Field Report*.

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) soil borings, designated 6385 SB01, 6385 SB02, and 6385 SB03, using a direct push drill rig at the locations depicted on Figure 2. Photographs collected during the 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 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.

3.4 Analytical Methods

A total of three (3) soil samples designated 6385 SB01 (1-2')_20260210, 6385 SB02 (3-4')_20260210, and 6385 SB03 (5-6')_20260210, 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:

- 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.

3.5 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 February 10, 2026.

4.1 Site Geology and Hydrogeology

The stratigraphy encountered during soil boring advancement of 6385 SB01, 6385 SB02, and 6385 SB03 generally consisted of brown to dark brown clay to six (6) feet below ground surface (bgs), the maximum depth explored for this investigation. Field photoionization detector (PID) readings of the recovered soil cores were below instrument detection limits. There were no visual (staining) and/or olfactory (e.g., petroleum-like odors) indications of contamination observed during soil sampling activities; however, concrete, wood, brick, and/or asphalt debris was observed in 6385 SB01, 6385 SB02, and 6385 SB03.

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

4.2 Soil Sample Analytical Results

Three (3) soil samples, designated 6385 SB01 (1-2')_20260210, 6385 SB02 (3-4')_20260210, and 6385 SB03 (5-6')_20260210, 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	6385 SB01 (1-2)_20260210 6385 SB03 (5-6)_20260210	GSIPC ² / 4,600 DWPC ³ / 4,600 DCC ⁴ / 7,600	7,670
Chromium (Total)	7440-47-3	6385 SB02 (3-4)_20260210 6385 SB03 (5-6)_20260210	GSIPC / 3,300	25,000

¹µg/kg – micrograms per kilogram;

²GSIPC – Groundwater Surface Water Interface Protection Criteria

³DWPC – Drinking Water Protection Criteria

⁴DCC – Direct Contact Criteria

4.3 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 direct contact criteria 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 6385 SB01, 6385 SB02, and 6385 SB03 generally consisted of brown to dark brown clay to six (6) feet bgs, the maximum depth explored for this investigation. Field PID readings of the recovered soil cores were below instrument detection limits. There were no visual (staining) and/or olfactory (e.g., petroleum-like odors) indications of contamination observed during soil sampling activities; however, concrete, wood, brick, and/or asphalt debris was observed in 6385 SB01, 6385 SB02, and 6385 SB03.
- Concentrations of arsenic and chromium (Total) were detected in soil samples 6385 SB01 (1-2')_20260210, 6385 SB02 (3-4')_20260210, and/or 6385 SB03 (5-6')_20260210 in excess of Part 201 GSIPC, DWPC, and/or DCC.
- Concentrations of 1-methylnaphthalene, 2-methylnaphthalene, 4,4'-DDE, 4,4'-DDT, acenaphthene, anthracene, barium, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, benzo(a)pyrene, bis(2-ethylhexyl) phthalate, chloride, chrysene, copper, fluoranthene, indeno(1,2,3-cd)pyrene, lead, mercury, naphthalene, phenanthrene, pyrene, and zinc were detected in soil samples 6385 SB01 (1-2')_20260210, 6385 SB02 (3-4')_20260210, and/or 6385 SB03 (5-6')_20260210 at concentrations above laboratory method detection limits; however, detected concentrations were below their respective Part 201 GRCC and/or Statewide Default Background Levels.
- VOCs, PCBs, and herbicides 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. Given that the site is residential, exceedances of direct contact criteria 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.

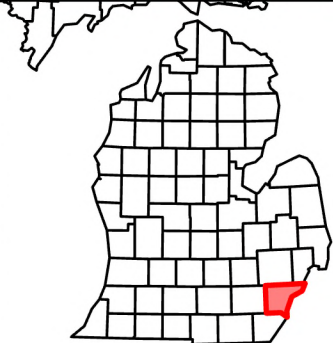
MSG warrants that no substantive information or documentation was deleted, omitted, or changed that would otherwise cause the MSG to reach a different conclusion. Furthermore, MSG understands that the COD and its agencies and

authorities may rely upon the overall completeness, accuracy, and conclusions in this report and hereby provides reliance on the contents presented herein.

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FIGURES





★ Site Location



FIGURE 1
SITE LOCATION

6385 Linsdale, Detroit, MI

DATE 1/8/2026	DRAWN BY JWW	DESIGNED BY JWW	PROJECT NO. DETR0060
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- Sample Locations
- Parcels (Current)
- Subject Property

Notes
• Parcel boundaries are approximate
• Basemap Credits: SampleLocations:
GPS_Test:
All Roads:
Parcels (Current):
Wayne - 2020 - 6in - 4-band:



FIGURE 2
Site Layout

6385 Linsdale, Detroit, MI

DATE 1/6/2026	DRAWN BY JWW	DESIGNED BY KRB	PROJECT NO. DETR0060
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TABLE



Table 1
Soil Sample Analytical Detection Summary

Detroit Backfill Sampling
6385 Linsdale, Detroit, Michigan

SOIL: Part 201/213 Generic Residential Cleanup Criteria Revised October 12, 2023 and Volatilization to Indoor Air Pathway Screening Levels Revised February 26, 2024			Inorganic Anions/Ions	Metals						Pesticides		
			Chloride	Arsenic (B)	Barium (B)	Chromium, Total (B)	Copper (B)	Lead (B)	Mercury (B)	Zinc (B)	4,4'-DDE	4,4'-DDT
CAS Number			16887-00-6	7440-38-2	7440-39-3	7440-47-3	7440-50-8	7439-92-1	7439-97-6	7440-66-6	72-55-9	50-29-3
Units			ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Statewide Default Background Levels			NC	5,800	75,000	18,000	32,000	21,000	130	47,000	NC	NC
Drinking Water Protection Criteria (DWPC)			5.00E+06	4,600	1.30E+06	30,000	5.80E+06	7.00E+05	1,700	2.40E+06	NLL	NLL
Groundwater Surface Water Interface Protection Criteria (GSIPC)			NC	4,600	4.40E+05 ^(G)	3,300	75,000 ^(G)	6.00E+06 ^(G)	50 ^(M,1.2)	1.60E+05	NLL	NLL
Soil Volatilization to Indoor Air Inhalation (SVIIC)			NC	NLV	NLV	NC	NLV	NLV	48,000	NC	NLV	NLV
Soil Volatilization to Indoor Air Pathway (SVIAP)			NC	NC	NC	NC	NC	NC	22 ^(M)	NC	39,000	NC
Infinite Source Volatile Soil Inhalation Criteria (VSIC)			NC	NLV	NLV	NC	NLV	NLV	52,000	NC	NLV	NLV
Finite Source Volatile Soil Inhalation Criteria (5 m) (VSIC 5m)			NC	NLV	NLV	NC	NLV	NLV	52,000	NC	NLV	NLV
Finite Source Volatile Soil Inhalation Criteria (2 m) (VSIC 2m)			NC	NLV	NLV	NC	NLV	NLV	52,000	NC	NLV	NLV
Particulate Soil Inhalation Criteria (PSIC)			NC	7.20E+05	3.30E+08	2.60E+05	1.30E+08	1.00E+08	2.00E+07	NC	3.20E+07	3.20E+07
Direct Contact Criteria (DCC)			5.00E+05	7,600	3.70E+07	2.50E+06	2.00E+07	4.00E+05	1.60E+05	1.70E+08	45,000	57,000
Soil Saturation Concentration Screening Levels (Csat)			NC	NA	NA	NC	NA	NA	NA	NC	NA	NA
Sample ID	Sample Depth (ft)	Sample Date										
6385 SB01	1.0 - 2.0	02/10/2026	12,100	6,210	61,100	16,200	16,400	17,700	57.7	50,100	134	51.1
6385 SB02	3.0 - 4.0	02/10/2026	19,800	4,580	110,000	25,000	21,000	12,300	50.8	69,800	<18.1	<18.3
6385 SB03	5.0 - 6.0	02/10/2026	18,500	7,670	92,700	19,700	20,800	13,400	42.2	58,200	<20.3	<20.5

Notes

Only parameters with one or more detections are shown.

ug/kg = Micrograms per Kilogram.

Exceeds Generic Drinking Water Protection Criteria.

Exceeds Groundwater Surface Water Interface Protection Criteria.

Exceeds Applicable Soil Vapor Inhalation Criteria/Screening Levels.

Exceeds Two or More DWPC, GSIPC, and/or Applicable Soil Vapor Inhalation Criteria/Screening Levels.

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

Bold indicates concentration above laboratory reporting limits.

NC = No Criteria; NA = Not Applicable; NLV = Not Likely to Volatize; NLL = Not Likely to Leach.

Part 201 GSIPC Hardness specific criteria (G) calculated using a regional hardness value
of the lower portion of the lower peninsula, 150 mg CaCO3/L.

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

Table 1
Soil Sample Analytical Detection Summary

Detroit Backfill Sampling
6385 Linsdale, Detroit, Michigan

SOIL: Part 201/213 Generic Residential Cleanup Criteria Revised October 12, 2023 and Volatilization to Indoor Air Pathway Screening Levels Revised February 26, 2024			Semivolatile Organic Compounds (SVOCs)															
			1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Acenaphthylene	Benzo(A)Anthracene	Benzo(A)Pyrene	Benzo(B)Fluoranthene	Benzo(G,H,I)Perylene	Benzo(K)Fluoranthene	Bis(2-ethylhexyl) phthalate	Chrysene	Fluoranthene	Indeno(1,2,3-Cd)Pyrene	Naphthalene	Phenanthrene	Pyrene
CAS Number			90-12-0	91-57-6	83-32-9	208-96-8	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9	117-81-7	218-01-9	206-44-0	193-39-5	91-20-3	85-01-8	129-00-0
Units			ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Statewide Default Background Levels			NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Drinking Water Protection Criteria (DWPC)			NC	57,000	3.00E+05	5,900	NLL	NLL	NLL	NLL	NLL	NLL	NLL	7.30E+05	NLL	35,000	56,000	4.80E+05
Groundwater Surface Water Interface Protection Criteria (GSIPC)			NC	4,200	8,700	ID	NLL	NLL	NLL	NLL	NLL	NLL	NLL	5,500	NLL	730	2,100	ID
Soil Volatilization to Indoor Air Inhalation (SVIIC)			NC	2.70E+06	1.90E+08	1.60E+06	NLV	NLV	ID	NLV	NLV	NLV	ID	1.00E+09	NLV	2.50E+05	2.80E+06	1.00E+09
Soil Volatilization to Indoor Air Pathway (SVIAP)			NC	1,700	2.00E+05	NC	1.60E+05 ^(M)	NC	NC	NC	NC	NC	NC	NC	NC	67 ^(M)	1,700	2.50E+07
Infinite Source Volatile Soil Inhalation Criteria (VSIC)			NC	1.50E+06	8.10E+07	2.20E+06	NLV	NLV	ID	NLV	NLV	NLV	ID	7.40E+08	NLV	3.00E+05	1.60E+05	6.50E+08
Finite Source Volatile Soil Inhalation Criteria (5 m) (VSIC 5m)			NC	1.50E+06	8.10E+07	2.20E+06	NLV	NLV	ID	NLV	NLV	NLV	ID	7.40E+08	NLV	3.00E+05	1.60E+05	6.50E+08
Finite Source Volatile Soil Inhalation Criteria (2 m) (VSIC 2m)			NC	1.50E+06	8.10E+07	2.20E+06	NLV	NLV	ID	NLV	NLV	NLV	ID	7.40E+08	NLV	3.00E+05	1.60E+05	6.50E+08
Particulate Soil Inhalation Criteria (PSIC)			NC	6.70E+08	1.40E+10	2.30E+09	ID	1.50E+06	ID	8.00E+08	ID	7.00E+08	ID	9.30E+09	ID	2.00E+08	6.70E+06	6.70E+09
Direct Contact Criteria (DCC)			NC	8.10E+06	4.10E+07	1.60E+06	20,000	2,000	20,000	2.50E+06	2.00E+05	2.80E+06	2.00E+06	4.60E+07	20,000	1.60E+07	1.60E+06	2.90E+07
Soil Saturation Concentration Screening Levels (Csat)			NC	NA	NA	NA	NA	NA	NA	NA	NA	1.00E+07	NA	NA	NA	NA	NA	NA
Sample ID	Sample Depth (ft)	Sample Date																
6385 SB01	1.0 - 2.0	02/10/2026	<65.3	<46.1	<65.6	<78.6	218	254	326	227	118	<375	199	408	236	<57.9	118	345
6385 SB02	3.0 - 4.0	02/10/2026	<12.8	<9.04	<12.9	<15.4	<15.4	<10.9	17.8	<13.6	<13.5	97.8	<14.4	<8.54	17.8	<11.4	<8.27	<8.87
6385 SB03	5.0 - 6.0	02/10/2026	39	47.2	22.6	24.6	86.2	92.4	119	53.4	34.9	<84.9	65.7	144	71.8	28.7	43.1	127

Notes

Only parameters with one or more detections are shown.

ug/kg = Micrograms per Kilogram.

Exceeds Generic Drinking Water Protection Criteria.

Exceeds Groundwater Surface Water Interface Protection Criteria.

Exceeds Applicable Soil Vapor Inhalation Criteria/Screening Levels.

Exceeds Two or More DWPC, GSIPC, and/or Applicable Soil Vapor Inhalation Criteria/Screening Levels.

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

Bold indicates concentration above laboratory reporting limits.

NC = No Criteria; NA = Not Applicable; NLV = Not Likely to Volatize; NLL = Not Likely to Leach.

Part 201 GSIPC Hardness specific criteria (G) calculated using a regional hardness value

of the lower portion of the lower peninsula, 150 mg CaCO3/L.

Notes in parentheses and standard abbreviations from Part 201 Rules 299.1

through 299.50, updated October 12, 2023.

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 REPORT



**DAILY FIELD REPORT**

Client: City of Detroit Demolition Department
Project: Sampling and Analysis of Fill Material

Report No.: 1
Job No.: DETR0060

Date: 02/10/2026	Day: Tuesday	Temp: 30° F	(AM) N/A	(PM)
MSG Personnel: EMB, KDW, MW		Cloud Cover: 0%	(AM) N/A	(PM)
		Precip.: N/A	(AM) N/A	(PM)
Personnel: MSG				
MSG Hours On-Site: ~ 1 hours				

Contractors Information		
Contractor: MSG	No. Men and Type: 3; Geologist/Helper/Operator	Equipment Type: 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:
1125 – EMB, KDW, and MW onsite (6385 Linsdale Street) 1200 – Drilled SB01 1201 – SB01 screened with PID 1206 – Drilled SB02 1207 – SB02 screened with PID 1211 – Drilled SB03 1212 – SB03 screened with PID 1222 – Sampled 6385 SB01 (1-2')_20260210 1227 – Sampled 6385 SB02 (3-4')_20260210 1232 – Sampled 6385 SB03 (5-6')_20260210 1237 – MSG off site

Supporting Documentation								
Photograph Taken	Yes ☒	No ☐	Samples Collected	Yes ☒	No ☐	Boring/MW Logs	Yes ☒	No ☐
Photo Log Attached	Yes ☒	No ☐	COC Attached	Yes ☒	No ☐	Field Note Book Taken	Yes ☒	No ☐
Problem Identification and Corrective Measures								
N/A								
Resolved? Yes ☐ No ☐								

APPENDIX C

INVESTIGATION PHOTOGRAPHS



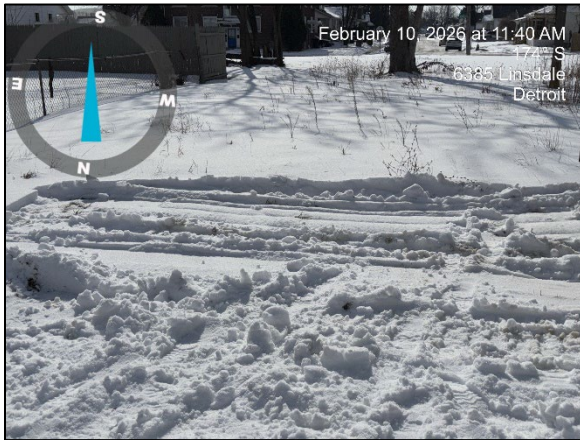


Photo 1: View of the Site pre-drilling, facing south.



Photo 2: View of drilling at 6385 SB01, facing west.

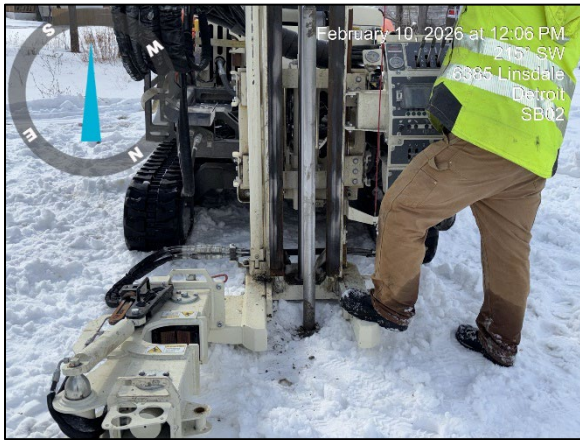


Photo 3: View of drilling at 6385 SB02, facing southwest.



Photo 4: View of drilling at 6385 SB03, facing southwest.



Photo 5: Viewing 6385 SB01, SB02, and SB03 soil recovery, facing south.



Photo 6: View of the Site post-drilling, facing south.

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 SB02

Sheet 1 of 1

CLIENT City of Detroit
PROJECT NUMBER DETR0060_6385 Linsdale
DATE STARTED _____ **COMPLETED** _____
DRILLING CONTRACTOR MSG
DRILLING METHOD Direct Push
EQUIPMENT Geoprobe 7822 DT **Operator** MW

PROJECT NAME Backfill Soil Sampling
PROJECT LOCATION 6385 Linsdale, Detroit, MI
POSITION _____
SURFACE ELEVATION _____ **FINAL DEPTH** 6.0 ft
LOGGED BY EMB **CHECKED BY** PDH
REMARKS _____

DEPTH (ft)	SAMPLE INTERVALS	RECOVERY %	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (PPM)	REMARKS
				Dark Brown, CLAY, Little Brick Debris, Little Concrete Debris, Little Asphalt Debris, Dry	0	
					0	
ES		83	3.0	Dark Brown, CLAY, Little Gravel, Little Concrete Debris, Dry	0	Collected Soil Sample 6385 SB02 (3-4') _20260210 at 1227
					0	
5					0	
			6.0	Terminated at 6.00 ft.	0	
10						

LEGEND:

- ▽ AT TIME OF DRILLING Not Encountered
▼ AT END OF DRILLING _____
▽ AFTER DRILLING _____

APPENDIX E

LABORATORY ANALYTICAL REPORTS AND CHAIN OF CUSTODY FORMS





right solutions.
right partner.

February 18, 2026

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

Re: **6385 Linsdale**

Date Received: **02/11/2026**

Work Order: **HN2601979**

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

Kathy Jones-Gronda

/S/ KATHY JONES-GRONDA

Project Manager



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale

Work Order: HN2601979
Date Received: 11-Feb-2026

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 11-Feb-2026. 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.

WorkOrder: HN2601979

Soil/solid results are reported on a dry-weight basis, corrected using laboratory-determined percent moisture content, unless explicitly identified otherwise.

Organics

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

Run ID: 3880058

QC-2450698-002: The LCS recovery was above the upper control limit. All the sample results in the batch were non-detect. No qualification is necessary for this analyte: see qc report

QC-2450698-001: The concentration in the Method Blank was greater than the quantitation limit. All samples in the batch were non-detect; therefore, no qualification is needed for this analyte: 2-butanone

The Continuing Calibration Verification did not meet acceptance criteria with high bias, however, the sample results were non-detect for the following analytes: Methyl chloride (Chloromethane)

EPA 8081B-3546-S (High)

Run ID: 3883898

HN2601979-001: One or more surrogate recoveries were below the lower control limits. The sample results may be biased low.

HN2601979-001: 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: 4,4'-DDT

HN2601979-001: The Continuing Calibration Verification did not meet acceptance criteria with high bias, however, the sample results were non-detect for the following analytes: alpha-BHC, gamma-BHC, beta-BHC, delta-BHC, Hep-Epoxy, g-Chlordane, Dieldrin, 4,4'-DDD, Endo II

HN2601979-002: One or more surrogate recoveries were below the lower control limits. The sample results may be biased low.

HN2601979-002: 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: 4,4'-DDT

HN2601979-002: The Continuing Calibration Verification did not meet acceptance criteria with high bias, however, the sample results were non-detect for the following analytes: alpha-BHC, gamma-BHC, beta-BHC, delta-BHC, Hep-Epoxy, g-Chlordane, Dieldrin, 4,4'-DDD, Endo II

HN2601979-003: 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: 4,4'-DDT

Run ID: 3883898

HN2601979-003: The Continuing Calibration Verification did not meet acceptance criteria with high bias, however, the sample results were non-detect for the following analytes: alpha-BHC, gamma-BHC, beta-BHC, delta-BHC, Hep-Epoxy, g-Chlordane, Dieldrin, 4,4'-DDD, Endo II

EPA 8270E-FULL HN-3546-S

Run ID: 3883205

HN2601979-001: The reporting limit is elevated due to dilution needed to eliminate matrix-related interference.

HN2601979-002: Benzo(k)fluoranthene - Split Peak could not be resolved. Sample results should be considered estimated for the following analytes: Benzo(b)fluoranthene; Benzo(k)fluoranthene.

HN2601979-002: Benzo(b)fluoranthene - Split Peak could not be resolved. Sample results should be considered estimated for the following analytes: Benzo(b)fluoranthene; Benzo(k)fluoranthene.

Metals

EPA 6020B-3050B-S

Run ID: 3883916

Samples HN2601979-001 through -003: The reporting limits are elevated for Cd, Se and Ag due to the dilutions needed for high concentrations of non-target analytes.

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: 6385 SB01 (1-2')_20260210	Lab ID: HN2601979-001
---	------------------------------

Analyte	Results	Flag	MRL	Units	Method
4,4'-DDE	134		25.2	µg/kg	EPA 8081B
4,4'-DDT	51.1		25.2	µg/kg	EPA 8081B
Arsenic	6.21		3.05	mg/kg	EPA 6020B
Barium	61.1		3.05	mg/kg	EPA 6020B
Benzo(a)anthracene	218		90.7	µg/kg	EPA 8270E
Benzo(a)pyrene	254		90.7	µg/kg	EPA 8270E
Benzo(b)fluoranthene	326		90.7	µg/kg	EPA 8270E
Benzo(g,h,i)perylene	227		90.7	µg/kg	EPA 8270E
Benzo(k)fluoranthene	118		90.7	µg/kg	EPA 8270E
Chloride	12.1		11.4	mg/kg	EPA 9056A
Chromium	16.2		3.05	mg/kg	EPA 6020B
Chrysene	199		90.7	µg/kg	EPA 8270E
Copper	16.4		3.05	mg/kg	EPA 6020B
Fluoranthene	408		90.7	µg/kg	EPA 8270E
Indeno(1,2,3-cd) pyrene	236		90.7	µg/kg	EPA 8270E
Lead	17.7		3.05	mg/kg	EPA 6020B
Mercury	0.0577		0.0210	mg/kg	EPA 7471B
Percent Moisture	10.5		0.1	%	EPA 3550C
Phenanthrene	118		90.7	µg/kg	EPA 8270E
Pyrene	345		90.7	µg/kg	EPA 8270E
Zinc	50.1		6.09	mg/kg	EPA 6020B

CLIENT ID: 6385 SB02 (3-4')_20260210	Lab ID: HN2601979-002
---	------------------------------

Analyte	Results	Flag	MRL	Units	Method
Arsenic	4.58		3.77	mg/kg	EPA 6020B
Barium	110		3.77	mg/kg	EPA 6020B
Benzo(b)fluoranthene	17.8		17.8	µg/kg	EPA 8270E
Chloride	19.8		13.7	mg/kg	EPA 9056A
Chromium	25.0		3.77	mg/kg	EPA 6020B
Copper	21.0		3.77	mg/kg	EPA 6020B
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl) phthalate, DEHP)	97.8		88.0	µg/kg	EPA 8270E
Indeno(1,2,3-cd) pyrene	17.8		17.8	µg/kg	EPA 8270E
Lead	12.3		3.77	mg/kg	EPA 6020B
Mercury	0.0508		0.0224	mg/kg	EPA 7471B
Percent Moisture	19.1		0.1	%	EPA 3550C
Zinc	69.8		7.55	mg/kg	EPA 6020B

CLIENT ID: 6385 SB03 (5-6')_20260210	Lab ID: HN2601979-003
---	------------------------------

Analyte	Results	Flag	MRL	Units	Method
1-Methylnaphthalene	39.0		20.5	µg/kg	EPA 8270E
2-Methylnaphthalene	47.2		20.5	µg/kg	EPA 8270E

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: 6385 SB03 (5-6')_20260210

Lab ID: HN2601979-003

Analyte	Results	Flag	MRL	Units	Method
Acenaphthene	22.6		20.5	µg/kg	EPA 8270E
Acenaphthylene	24.6		20.5	µg/kg	EPA 8270E
Arsenic	7.67		3.63	mg/kg	EPA 6020B
Barium	92.7		3.63	mg/kg	EPA 6020B
Benzo(a)anthracene	86.2		20.5	µg/kg	EPA 8270E
Benzo(a)pyrene	92.4		20.5	µg/kg	EPA 8270E
Benzo(b)fluoranthene	119		20.5	µg/kg	EPA 8270E
Benzo(g,h,i)perylene	53.4		20.5	µg/kg	EPA 8270E
Benzo(k)fluoranthene	34.9		20.5	µg/kg	EPA 8270E
Chloride	18.5		12.6	mg/kg	EPA 9056A
Chromium	19.7		3.63	mg/kg	EPA 6020B
Chrysene	65.7		20.5	µg/kg	EPA 8270E
Copper	20.8		3.63	mg/kg	EPA 6020B
Fluoranthene	144		20.5	µg/kg	EPA 8270E
Indeno(1,2,3-cd) pyrene	71.8		20.5	µg/kg	EPA 8270E
Lead	13.4		3.63	mg/kg	EPA 6020B
Mercury	0.0422		0.0200	mg/kg	EPA 7471B
Naphthalene	28.7		20.5	µg/kg	EPA 8270E
Percent Moisture	21.8		0.1	%	EPA 3550C
Phenanthrene	43.1		20.5	µg/kg	EPA 8270E
Pyrene	127		20.5	µg/kg	EPA 8270E
Zinc	58.2		7.26	mg/kg	EPA 6020B

SAMPLE SUMMARY



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Workorder: HN2601979

Laboratory Sample ID	Client Sample ID	Sample Matrix	Collection Date	Date Received
HN2601979-001	6385 SB01 (1-2')_20260210	SOIL/SOLID	02/10/26 12:22	02/11/26 08:00
HN2601979-002	6385 SB02 (3-4')_20260210	SOIL/SOLID	02/10/26 12:27	02/11/26 08:00
HN2601979-003	6385 SB03 (5-6')_20260210	SOIL/SOLID	02/10/26 12:32	02/11/26 08:00

Work Order Reference
HN2601979

Environmental

Laboratory location:

Chain of Custody Form

Page 1 of 1

Telephone: 1-616-399-6070

ALS Project Manager:							Work Order #:											
Project Information							Parameter/Method Request for Analysis											
Project Name: 6385 Linsdale							A VOCs (U.S. EPA Method 8260C (or Method 8260))											
Project Number: DETR0060							B SVOCs (U.S. EPA Method 8270D (or Method 8270))											
Bill To Company: Mannik Smith Group							C PCBs (U.S. EPA Method 8082)											
Invoice Attn:							D Mi 10 Metals (U.S. EPA 6000/7000 Series Methods)											
Address: 2365 South Haggerty Road							E Chlorides (U.S. EPA Method 9056A)											
Address: 2365 South Haggerty Road							F Pesticides (U.S. EPA Method 8081B (or Method 8081))											
City/State/Zip: Canton, Mi 48188							G Herbicides (U.S. EPA Method 8151A (or Method 8151))											
Phone: 734-397-3100							H											
Phone: 734-397-3100							I											
Fax:							J											
e-Mail Address: montri@manniksmithgroup.com							e-Mail Address: omitchell@manniksmithgroup.com											
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold	
1	6385 SB01 (1-2 '1)_2026 0210	2-10-26	1222	Soil	7	3	✓	✓	✓	✓	✓	✓	✓					
2	6385 SB02 (3-4 '1)_2026 0210	↓	1227	Soil	7	3	✓	✓	✓	✓	✓	✓	✓					
3	6385 SB03 (5-6 '1)_2026 0210	↓	1232	Soil	7	3	✓	✓	✓	✓	✓	✓	✓					
4																		
5																		
6																		
7																		
8																		
9																		
10																		
Sampler(s): Please Print & Sign Edmund Bosas / Edmund Bosas				Shipment Method:		Required Turnaround Time: ☐ STD 10 Wk Days ☒ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour				Results Due Date:								
Relinquished by: Edmund Bosas		Date: 2-10-26	Time: 1456	Received by: [Signature]			2/10/26 1456			Notes: Reid 2/11/26 0800 0720								
Relinquished by: [Signature]		Date: 2/10	Time: 1700	Received by (Laboratory): [Signature]			2/10 1700			Cooler Temp.: 12.6 3.8°C								
Logged by (Laboratory): DFS		Date: 2/11/26	Time: 0900	Checked by (Laboratory):			QC Package: (Check Box Below)											
										☐ Level II: Standard QC				TRRP-Checklist				
										☐ Level III: Std QC + Raw Data				TRRP Level IV				
										☐ Level IV: SW846 CLP-Like								
Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035																		
Other:																		

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>

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ALS Holland
3352 128th Ave., Holland MI 49424

ALS Holland Sample Receiving Checklist

Received by: Diane F. Shaw
Date/Time: 2/11/26 0800
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): 3.8 / 3.8 °C
Thermometer(s): IR6
Sample(s) received on ice? (Yes) / No
Matrix/Matrices: Solid
Cooler(s)/Kit(s): 1
Date/Time sample(s) sent to storage: 2/11/26 0930
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:

--	--

HN-SHT-160-R01, Sample Receipt Checklist

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 Method criteria
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.

LABORATORY CERTIFICATIONS¹

Agency	Type	ID	Issued	Expires
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	12/08/2025	12/31/2026
Indiana	Drinking Water (Secondary)	C-MI-08	12/31/2024	09/04/2026
Iowa	State Specific	403	09/01/2025	09/01/2027
Kansas	NELAP (Secondary)	E-10411	08/01/2025	07/31/2026
Kentucky	Waste Water	KY98004	1/1/2026	12/31/2026
Kentucky	UST	120474	07/07/2025	06/30/2026
Michigan	Drinking Water (Primary)	0022	12/19/2023	09/04/2026
Minnesota	NELAP (Secondary)	026-999-449	12/10/2025	12/31/2026
Missouri	Drinking Water (Secondary)	01262	11/14/2024	12/30/2027
New Jersey	NELAP (Secondary)	MI015	07/01/2025	6/30/2026
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	11/25/2025	07/31/2026
Texas	NELAP (Secondary)	T104704494	02/01/2026	01/31/2027
USDA	Domestic CA	Soil-MI-007	02/06/2025	08/07/2026
USDA	Soil Import	525-23-62-77572R1	01/28/2026	03/03/2029
West Virginia	State Specific	355	06/07/2025	08/31/2026
Wisconsin	State Specific	399084510	08/08/2025	08/31/2026

1 – Scope available upon request

ANALYST SUMMARY



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale

Work Order: HN2601979

Sample Name: 6385 SB01 (1-2')_20260210
Laboratory Code: HN2601979-001
Sample Matrix: SOIL/SOLID

Date Collected: 02/10/26
Date Received: 02/11/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		001-AC	2449997		3873565	Nicole Maleski
EPA 6020B	EPA 3050B	001-AC	2456194	Weston Kotecki	3883916	Hunter Johnson
EPA 7471B	Method	001-AC	2456302	Maxx Richey	3886955	Maxx Richey
EPA 8081B	EPA 3546	001-AC	2451610	Benjamin Farmer	3883898	Nathaniel Dietlin
EPA 8081B	EPA 3546	001-AC	2451610	Benjamin Farmer	3884122	Madison VandenBer
EPA 8082A	EPA 3546	001-AC	2451609	Benjamin Farmer	3883984	Quinn Garner
EPA 8151A	Method	001-AC	2452243	Willow Julien	3883580	Kathy Malmyga
EPA 8260D	EPA 5035A	001-AA	2450698	Jonathan Vazquez	3880058	John Garvale
EPA 8270E	EPA 3546	001-AC	2453543	Rachel Plantinga	3883205	Erin Wall
EPA 9056A	EPA 9056A	001-AC	2450186	Sage Hansen	3878568	Sage Hansen

Sample Name: 6385 SB02 (3-4')_20260210
Laboratory Code: HN2601979-002
Sample Matrix: SOIL/SOLID

Date Collected: 02/10/26
Date Received: 02/11/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		002-AC	2449997		3873565	Nicole Maleski
EPA 6020B	EPA 3050B	002-AC	2456194	Weston Kotecki	3883916	Hunter Johnson
EPA 7471B	Method	002-AC	2456302	Maxx Richey	3886955	Maxx Richey
EPA 8081B	EPA 3546	002-AC	2451610	Benjamin Farmer	3883898	Nathaniel Dietlin
EPA 8082A	EPA 3546	002-AC	2451609	Benjamin Farmer	3883984	Quinn Garner
EPA 8151A	Method	002-AC	2452243	Willow Julien	3883580	Kathy Malmyga
EPA 8260D	EPA 5035A	002-AA	2450698	Jonathan Vazquez	3880058	John Garvale
EPA 8270E	EPA 3546	002-AC	2453543	Rachel Plantinga	3883205	Erin Wall
EPA 9056A	EPA 9056A	002-AC	2450186	Sage Hansen	3878568	Sage Hansen

ANALYST SUMMARY



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale

Work Order: HN2601979

Sample Name: 6385 SB03 (5-6')_20260210
Laboratory Code: HN2601979-003
Sample Matrix: SOIL/SOLID

Date Collected: 02/10/26
Date Received: 02/11/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		003-AC	2449997		3873565	Nicole Maleski
EPA 6020B	EPA 3050B	003-AC	2456194	Weston Kotecki	3883916	Hunter Johnson
EPA 7471B	Method	003-AC	2456302	Maxx Richey	3886955	Maxx Richey
EPA 8081B	EPA 3546	003-AC	2451610	Benjamin Farmer	3883898	Nathaniel Dietlin
EPA 8082A	EPA 3546	003-AC	2451609	Benjamin Farmer	3883984	Quinn Garner
EPA 8151A	Method	003-AC	2452243	Willow Julien	3883580	Kathy Malmyga
EPA 8260D	EPA 5035A	003-AA	2450698	Jonathan Vazquez	3880058	John Garvale
EPA 8270E	EPA 3546	003-AC	2453543	Rachel Plantinga	3883205	Erin Wall
EPA 9056A	EPA 9056A	003-AC	2450186	Sage Hansen	3878568	Sage Hansen

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:22
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB01 (1-2')_20260210

Lab ID: HN2601979-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<2.44	U	µg/kg	13.3	1	02/14/26 15:06	02/13/26 10:31
2,4,5-TP (Silvex)	EPA 8151A	<4.36	U	µg/kg	13.3	1	02/14/26 15:06	02/13/26 10:31
2,4-D	EPA 8151A	<7.09	U	µg/kg	26.6	1	02/14/26 15:06	02/13/26 10:31
Surr: DCAA	EPA 8151A	64.0		%REC	10-116	1	02/14/26 15:06	02/13/26 10:31
General Chemistry Parameters								
Percent Moisture	EPA 3550C	10.5		%	0.1	1	02/11/26 16:36	NA
Chloride	EPA 9056A	12.1		mg/kg	11.4	1	02/13/26 00:46	02/12/26 13:22
Metals								
Arsenic	EPA 6020B	6.21		mg/kg	3.05	10	02/16/26 20:22	02/16/26 10:07
Barium	EPA 6020B	61.1		mg/kg	3.05	10	02/16/26 20:22	02/16/26 10:07
Cadmium	EPA 6020B	<0.183	U	mg/kg	1.22	10	02/16/26 20:22	02/16/26 10:07
Chromium	EPA 6020B	16.2		mg/kg	3.05	10	02/16/26 20:22	02/16/26 10:07
Copper	EPA 6020B	16.4		mg/kg	3.05	10	02/16/26 20:22	02/16/26 10:07
Lead	EPA 6020B	17.7		mg/kg	3.05	10	02/16/26 20:22	02/16/26 10:07
Selenium	EPA 6020B	<2.80	U	mg/kg	3.05	10	02/16/26 20:22	02/16/26 10:07
Silver	EPA 6020B	<0.402	U	mg/kg	3.05	10	02/16/26 20:22	02/16/26 10:07
Zinc	EPA 6020B	50.1		mg/kg	6.09	10	02/16/26 20:22	02/16/26 10:07
Mercury	EPA 7471B	0.0577		mg/kg	0.0210	1	02/18/26 10:06	02/17/26 12:42
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<16.1	U	µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37
4,4'-DDE	EPA 8081B	134		µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37
4,4'-DDT	EPA 8081B	51.1		µg/kg	25.2	1	02/16/26 15:35	02/12/26 12:37
Aldrin	EPA 8081B	<16.4	U	µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37
alpha-BHC	EPA 8081B	<16.6	U	µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37
beta-BHC	EPA 8081B	<16.6	U	µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37
Chlordane, Technical	EPA 8081B	<25.0	U	µg/kg	63.1	1	02/15/26 02:48	02/12/26 12:37
cis-Chlordane	EPA 8081B	<16.9	U	µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37
delta-BHC	EPA 8081B	<16.5	U	µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37
Dieldrin	EPA 8081B	<17.6	U	µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:22
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB01 (1-2')_20260210

Lab ID: HN2601979-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<17.0	U	µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37
Endosulfan II	EPA 8081B	<16.7	U	µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37
Endosulfan sulfate	EPA 8081B	<15.5	U	µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37
Endrin	EPA 8081B	<20.4	U	µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37
Endrin aldehyde	EPA 8081B	<16.0	U	µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37
Endrin ketone	EPA 8081B	<15.4	U	µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37
gamma-BHC (Lindane)	EPA 8081B	<16.6	U	µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37
Heptachlor	EPA 8081B	<16.3	U	µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37
Heptachlor epoxide	EPA 8081B	<16.7	U	µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37
Methoxychlor	EPA 8081B	<16.9	U	µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37
Toxaphene	EPA 8081B	<27.3	U	µg/kg	151	1	02/15/26 02:48	02/12/26 12:37
trans-Chlordane	EPA 8081B	<16.8	U	µg/kg	25.2	1	02/15/26 02:48	02/12/26 12:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8081B</i>	50.2	<i>S</i>	<i>%REC</i>	<i>53-151</i>	<i>1</i>	<i>02/15/26 02:48</i>	<i>02/12/26 12:37</i>
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8081B</i>	84.4		<i>%REC</i>	<i>67-127</i>	<i>1</i>	<i>02/15/26 02:48</i>	<i>02/12/26 12:37</i>

Polychlorinated Biphenyls (PCBs) by GC/ECD

Aroclor 1016	EPA 8082A	<57.7	U	µg/kg	168	1	02/14/26 02:31	02/12/26 12:37
Aroclor 1221	EPA 8082A	<57.7	U	µg/kg	168	1	02/14/26 02:31	02/12/26 12:37
Aroclor 1232	EPA 8082A	<57.7	U	µg/kg	168	1	02/14/26 02:31	02/12/26 12:37
Aroclor 1242	EPA 8082A	<57.7	U	µg/kg	168	1	02/14/26 02:31	02/12/26 12:37
Aroclor 1248	EPA 8082A	<57.7	U	µg/kg	168	1	02/14/26 02:31	02/12/26 12:37
Aroclor 1254	EPA 8082A	<47.0	U	µg/kg	168	1	02/14/26 02:31	02/12/26 12:37
Aroclor 1260	EPA 8082A	<47.0	U	µg/kg	168	1	02/14/26 02:31	02/12/26 12:37
Aroclor 1262	EPA 8082A	<47.0	U	µg/kg	168	1	02/14/26 02:31	02/12/26 12:37
Aroclor 1268	EPA 8082A	<47.0	U	µg/kg	168	1	02/14/26 02:31	02/12/26 12:37
Total PCB	EPA 8082A	<47.0	U	µg/kg	168	1	02/14/26 02:31	02/12/26 12:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8082A</i>	82.0		<i>%REC</i>	<i>54-146</i>	<i>1</i>	<i>02/14/26 02:31</i>	<i>02/12/26 12:37</i>
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8082A</i>	80.8		<i>%REC</i>	<i>58-140</i>	<i>1</i>	<i>02/14/26 02:31</i>	<i>02/12/26 12:37</i>

Semivolatile Organic Compounds by GC-MS

1,1'-Biphenyl (BZ-0)	EPA 8270E	<73.6	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<105	U	µg/kg	4530	5	02/15/26 21:23	02/13/26 08:25

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:22
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB01 (1-2')_20260210

Lab ID: HN2601979-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<325	U	µg/kg	2270	5	02/15/26 21:23	02/13/26 08:25
1-Methylnaphthalene	EPA 8270E	<65.3	U	µg/kg	90.7	5	02/15/26 21:23	02/13/26 08:25
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<106	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
2,3,4,6-Tetrachlorophenol	EPA 8270E	<332	U	µg/kg	907	5	02/15/26 21:23	02/13/26 08:25
2,4,5-Trichlorophenol	EPA 8270E	<269	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
2,4,6-Trichlorophenol	EPA 8270E	<121	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
2,4-Dichlorophenol	EPA 8270E	<244	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
2,4-Dimethylphenol	EPA 8270E	<233	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
2,4-Dinitrophenol	EPA 8270E	<3310	U	µg/kg	4530	5	02/15/26 21:23	02/13/26 08:25
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<294	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<116	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
2-Chloronaphthalene	EPA 8270E	<63.4	U	µg/kg	90.7	5	02/15/26 21:23	02/13/26 08:25
2-Chlorophenol	EPA 8270E	<297	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<379	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
2-Methylnaphthalene	EPA 8270E	<46.1	U	µg/kg	90.7	5	02/15/26 21:23	02/13/26 08:25
2-Methylphenol (o-Cresol)	EPA 8270E	<123	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
2-Nitroaniline	EPA 8270E	<252	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
2-Nitrophenol	EPA 8270E	<129	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
3&4-Methylphenol	EPA 8270E	<247	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
3,3'-Dichlorobenzidine	EPA 8270E	<212	U	µg/kg	2270	5	02/15/26 21:23	02/13/26 08:25
3-Nitroaniline	EPA 8270E	<263	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<248	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
4-Chloro-3-methylphenol	EPA 8270E	<129	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
4-Chloroaniline	EPA 8270E	<230	U	µg/kg	907	5	02/15/26 21:23	02/13/26 08:25
4-Chlorophenyl phenylether	EPA 8270E	<125	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
4-Nitroaniline	EPA 8270E	<703	U	µg/kg	2270	5	02/15/26 21:23	02/13/26 08:25
4-Nitrophenol	EPA 8270E	<1060	U	µg/kg	4530	5	02/15/26 21:23	02/13/26 08:25
Acenaphthene	EPA 8270E	<65.6	U	µg/kg	90.7	5	02/15/26 21:23	02/13/26 08:25

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:22
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB01 (1-2')_20260210

Lab ID: HN2601979-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<78.6	U	µg/kg	90.7	5	02/15/26 21:23	02/13/26 08:25
Acetophenone	EPA 8270E	<71.0	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
Anthracene	EPA 8270E	<63.9	U	µg/kg	90.7	5	02/15/26 21:23	02/13/26 08:25
Atrazine	EPA 8270E	<266	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
Benzaldehyde	EPA 8270E	<696	U	µg/kg	907	5	02/15/26 21:23	02/13/26 08:25
Benzo(a)anthracene	EPA 8270E	218		µg/kg	90.7	5	02/15/26 21:23	02/13/26 08:25
Benzo(a)pyrene	EPA 8270E	254		µg/kg	90.7	5	02/15/26 21:23	02/13/26 08:25
Benzo(b)fluoranthene	EPA 8270E	326		µg/kg	90.7	5	02/15/26 21:23	02/13/26 08:25
Benzo(g,h,i)perylene	EPA 8270E	227		µg/kg	90.7	5	02/15/26 21:23	02/13/26 08:25
Benzo(k)fluoranthene	EPA 8270E	118		µg/kg	90.7	5	02/15/26 21:23	02/13/26 08:25
bis(2-Chloroethoxy) methane	EPA 8270E	<287	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
bis(2-Chloroethyl) ether	EPA 8270E	<128	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
Butyl benzyl phthalate	EPA 8270E	<568	U	µg/kg	907	5	02/15/26 21:23	02/13/26 08:25
Caprolactam	EPA 8270E	<409	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
Carbazole	EPA 8270E	<134	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
Chrysene	EPA 8270E	199		µg/kg	90.7	5	02/15/26 21:23	02/13/26 08:25
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	<375	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
Dibenz(a,h) anthracene	EPA 8270E	<49.0	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
Dibenzofuran	EPA 8270E	<66.6	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
Diethyl phthalate	EPA 8270E	<154	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
Dimethyl phthalate	EPA 8270E	<88.4	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
Fluoranthene	EPA 8270E	408		µg/kg	90.7	5	02/15/26 21:23	02/13/26 08:25
Fluorene	EPA 8270E	<65.8	U	µg/kg	90.7	5	02/15/26 21:23	02/13/26 08:25
Hexachlorobenzene	EPA 8270E	<132	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
Hexachlorobutadiene	EPA 8270E	<107	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
Hexachlorocyclopentadiene	EPA 8270E	<430	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
Hexachloroethane	EPA 8270E	<188	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
Indeno(1,2,3-cd) pyrene	EPA 8270E	236		µg/kg	90.7	5	02/15/26 21:23	02/13/26 08:25
Isophorone	EPA 8270E	<88.5	U	µg/kg	2270	5	02/15/26 21:23	02/13/26 08:25
Methylphenol, Total	EPA 8270E	<123	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:22
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB01 (1-2')_20260210

Lab ID: HN2601979-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<57.9	U	µg/kg	90.7	5	02/15/26 21:23	02/13/26 08:25
Nitrobenzene	EPA 8270E	<152	U	µg/kg	2270	5	02/15/26 21:23	02/13/26 08:25
n-Nitrosodi-n-propylamine	EPA 8270E	<74.8	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
N-Nitrosodiphenylamine	EPA 8270E	<262	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
Pentachlorophenol	EPA 8270E	<360	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
Phenanthrene	EPA 8270E	118		µg/kg	90.7	5	02/15/26 21:23	02/13/26 08:25
Phenol	EPA 8270E	<228	U	µg/kg	449	5	02/15/26 21:23	02/13/26 08:25
Pyrene	EPA 8270E	345		µg/kg	90.7	5	02/15/26 21:23	02/13/26 08:25
Pyridine	EPA 8270E	<892	U	µg/kg	2270	5	02/15/26 21:23	02/13/26 08:25
<i>Surr: 2,4,6-Tribromophenol</i>	<i>EPA 8270E</i>	83.8		%REC	48-94	5	02/15/26 21:23	02/13/26 08:25
<i>Surr: 2-Fluorobiphenyl</i>	<i>EPA 8270E</i>	74.9		%REC	50-103	5	02/15/26 21:23	02/13/26 08:25
<i>Surr: 2-Fluorophenol</i>	<i>EPA 8270E</i>	68.9		%REC	43-105	5	02/15/26 21:23	02/13/26 08:25
<i>Surr: 4-Terphenyl-d14</i>	<i>EPA 8270E</i>	78.8		%REC	55-111	5	02/15/26 21:23	02/13/26 08:25
<i>Surr: Nitrobenzene-d5</i>	<i>EPA 8270E</i>	72.4		%REC	47-100	5	02/15/26 21:23	02/13/26 08:25
<i>Surr: Phenol-d6</i>	<i>EPA 8270E</i>	70.9		%REC	49-110	5	02/15/26 21:23	02/13/26 08:25

Volatile Organic Compounds by GC-MS

1,1,1-Trichloroethane	EPA 8260D	<21.8	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
1,1,2,2-Tetrachloroethane	EPA 8260D	<21.2	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<30.5	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
1,1,2-Trichloroethane	EPA 8260D	<20.5	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
1,1-Dichloroethane	EPA 8260D	<17.6	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
1,1-Dichloroethylene	EPA 8260D	<15.6	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
1,2,3-Trichlorobenzene	EPA 8260D	<57.8	U	µg/kg	160	1	02/12/26 17:29	02/11/26 14:44
1,2,3-Trichloropropane	EPA 8260D	<20.2	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
1,2,4-Trichlorobenzene	EPA 8260D	<54.6	U	µg/kg	160	1	02/12/26 17:29	02/11/26 14:44
1,2,4-Trimethylbenzene	EPA 8260D	<35.3	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<44.3	U	µg/kg	160	1	02/12/26 17:29	02/11/26 14:44
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<28.3	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<18.3	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:22
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB01 (1-2')_20260210

Lab ID: HN2601979-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<28.3	U	µg/kg	160	1	02/12/26 17:29	02/11/26 14:44
1,2-Dichloropropane	EPA 8260D	<35.5	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
1,3,5-Trimethylbenzene	EPA 8260D	<34.0	U	µg/kg	160	1	02/12/26 17:29	02/11/26 14:44
1,3-Dichlorobenzene (m- Dichlorobenzene)	EPA 8260D	<33.2	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
1,3-Dichloropropene	EPA 8260D	<26.9	U	µg/kg	96.3	1	02/12/26 17:29	02/11/26 14:44
1,4-Dichlorobenzene (p- Dichlorobenzene)	EPA 8260D	<39.1	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<115	BU	µg/kg	321	1	02/12/26 17:29	02/11/26 14:44
2-Hexanone	EPA 8260D	<23.9	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<44.9	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Acetone	EPA 8260D	<143	U	µg/kg	160	1	02/12/26 17:29	02/11/26 14:44
Benzene	EPA 8260D	<23.3	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Bromochloromethane	EPA 8260D	<24.5	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Bromodichloromethane	EPA 8260D	<27.0	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Bromoform	EPA 8260D	<20.3	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Carbon disulfide	EPA 8260D	<24.9	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Carbon tetrachloride	EPA 8260D	<18.8	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Chlorobenzene	EPA 8260D	<16.0	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Chlorodibromomethane	EPA 8260D	<27.0	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Chloroethane (Ethyl chloride)	EPA 8260D	<135	U	µg/kg	160	1	02/12/26 17:29	02/11/26 14:44
Chloroform	EPA 8260D	<17.6	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
cis-1,2-Dichloroethylene	EPA 8260D	<31.0	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
cis-1,3-Dichloropropene	EPA 8260D	<36.3	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Cyclohexane	EPA 8260D	<36.9	U	µg/kg	160	1	02/12/26 17:29	02/11/26 14:44
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<58.3	U	µg/kg	160	1	02/12/26 17:29	02/11/26 14:44
Ethylbenzene	EPA 8260D	<34.1	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Isopropylbenzene	EPA 8260D	<30.4	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
m+p-Xylene	EPA 8260D	<64.2	U	µg/kg	96.3	1	02/12/26 17:29	02/11/26 14:44
Methyl acetate	EPA 8260D	<57.6	U	µg/kg	401	1	02/12/26 17:29	02/11/26 14:44
Methyl bromide (Bromomethane)	EPA 8260D	<92.1	U	µg/kg	160	1	02/12/26 17:29	02/11/26 14:44

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:22
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB01 (1-2')_20260210

Lab ID: HN2601979-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<132	SU	µg/kg	160	1	02/12/26 17:29	02/11/26 14:44
Methyl tert-butyl ether (MTBE)	EPA 8260D	<35.1	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Methylcyclohexane	EPA 8260D	<18.4	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Methylene chloride (Dichloromethane)	EPA 8260D	<128	U	µg/kg	401	1	02/12/26 17:29	02/11/26 14:44
o-Xylene	EPA 8260D	<18.6	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Styrene	EPA 8260D	<19.1	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<29.0	SU	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Toluene	EPA 8260D	<39.7	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Total Xylene	EPA 8260D	<18.6	U	µg/kg	144	1	02/12/26 17:29	02/11/26 14:44
trans-1,2-Dichloroethylene	EPA 8260D	<39.7	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
trans-1,3-Dichloropropylene	EPA 8260D	<26.9	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Trichloroethene (Trichloroethylene)	EPA 8260D	<21.6	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<24.6	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
Vinyl chloride (Chloroethene)	EPA 8260D	<32.0	U	µg/kg	48.1	1	02/12/26 17:29	02/11/26 14:44
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>EPA 8260D</i>	101		%REC	80-120	1	02/12/26 17:29	02/11/26 14:44
<i>Surr: 4-Bromofluorobenzene</i>	<i>EPA 8260D</i>	106		%REC	80-120	1	02/12/26 17:29	02/11/26 14:44
<i>Surr: Dibromofluoromethane</i>	<i>EPA 8260D</i>	102		%REC	72-120	1	02/12/26 17:29	02/11/26 14:44
<i>Surr: Toluene-d8</i>	<i>EPA 8260D</i>	104		%REC	80-120	1	02/12/26 17:29	02/11/26 14:44

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:27
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB02 (3-4')_20260210

Lab ID: HN2601979-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<2.80	U	µg/kg	15.2	1	02/14/26 15:20	02/13/26 10:31
2,4,5-TP (Silvex)	EPA 8151A	<4.99	U	µg/kg	15.2	1	02/14/26 15:20	02/13/26 10:31
2,4-D	EPA 8151A	<8.12	U	µg/kg	30.4	1	02/14/26 15:20	02/13/26 10:31
Surr: DCAA	EPA 8151A	52.0		%REC	10-116	1	02/14/26 15:20	02/13/26 10:31
General Chemistry Parameters								
Percent Moisture	EPA 3550C	19.1		%	0.1	1	02/11/26 16:36	NA
Chloride	EPA 9056A	19.8		mg/kg	13.7	1	02/13/26 00:54	02/12/26 13:22
Metals								
Arsenic	EPA 6020B	4.58		mg/kg	3.77	10	02/16/26 20:24	02/16/26 10:07
Barium	EPA 6020B	110		mg/kg	3.77	10	02/16/26 20:24	02/16/26 10:07
Cadmium	EPA 6020B	<0.226	U	mg/kg	1.51	10	02/16/26 20:24	02/16/26 10:07
Chromium	EPA 6020B	25.0		mg/kg	3.77	10	02/16/26 20:24	02/16/26 10:07
Copper	EPA 6020B	21.0		mg/kg	3.77	10	02/16/26 20:24	02/16/26 10:07
Lead	EPA 6020B	12.3		mg/kg	3.77	10	02/16/26 20:24	02/16/26 10:07
Selenium	EPA 6020B	<3.47	U	mg/kg	3.77	10	02/16/26 20:24	02/16/26 10:07
Silver	EPA 6020B	<0.498	U	mg/kg	3.77	10	02/16/26 20:24	02/16/26 10:07
Zinc	EPA 6020B	69.8		mg/kg	7.55	10	02/16/26 20:24	02/16/26 10:07
Mercury	EPA 7471B	0.0508		mg/kg	0.0224	1	02/18/26 10:08	02/17/26 12:42
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<17.6	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
4,4'-DDE	EPA 8081B	<18.1	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
4,4'-DDT	EPA 8081B	<18.3	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
Aldrin	EPA 8081B	<17.9	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
alpha-BHC	EPA 8081B	<18.1	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
beta-BHC	EPA 8081B	<18.1	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
Chlordane, Technical	EPA 8081B	<27.3	U	µg/kg	68.8	1	02/15/26 03:02	02/12/26 12:37
cis-Chlordane	EPA 8081B	<18.4	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
delta-BHC	EPA 8081B	<18.0	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
Dieldrin	EPA 8081B	<19.2	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:27
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB02 (3-4')_20260210

Lab ID: HN2601979-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<18.5	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
Endosulfan II	EPA 8081B	<18.2	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
Endosulfan sulfate	EPA 8081B	<16.9	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
Endrin	EPA 8081B	<22.3	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
Endrin aldehyde	EPA 8081B	<17.4	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
Endrin ketone	EPA 8081B	<16.7	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
gamma-BHC (Lindane)	EPA 8081B	<18.1	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
Heptachlor	EPA 8081B	<17.8	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
Heptachlor epoxide	EPA 8081B	<18.2	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
Methoxychlor	EPA 8081B	<18.4	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
Toxaphene	EPA 8081B	<29.7	U	µg/kg	165	1	02/15/26 03:02	02/12/26 12:37
trans-Chlordane	EPA 8081B	<18.3	U	µg/kg	27.5	1	02/15/26 03:02	02/12/26 12:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8081B</i>	45.6	<i>S</i>	<i>%REC</i>	<i>53-151</i>	<i>1</i>	<i>02/15/26 03:02</i>	<i>02/12/26 12:37</i>
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8081B</i>	86.1		<i>%REC</i>	<i>67-127</i>	<i>1</i>	<i>02/15/26 03:02</i>	<i>02/12/26 12:37</i>

Polychlorinated Biphenyls (PCBs) by GC/ECD

Aroclor 1016	EPA 8082A	<62.9	U	µg/kg	183	1	02/14/26 02:43	02/12/26 12:37
Aroclor 1221	EPA 8082A	<62.9	U	µg/kg	183	1	02/14/26 02:43	02/12/26 12:37
Aroclor 1232	EPA 8082A	<62.9	U	µg/kg	183	1	02/14/26 02:43	02/12/26 12:37
Aroclor 1242	EPA 8082A	<62.9	U	µg/kg	183	1	02/14/26 02:43	02/12/26 12:37
Aroclor 1248	EPA 8082A	<62.9	U	µg/kg	183	1	02/14/26 02:43	02/12/26 12:37
Aroclor 1254	EPA 8082A	<51.2	U	µg/kg	183	1	02/14/26 02:43	02/12/26 12:37
Aroclor 1260	EPA 8082A	<51.2	U	µg/kg	183	1	02/14/26 02:43	02/12/26 12:37
Aroclor 1262	EPA 8082A	<51.2	U	µg/kg	183	1	02/14/26 02:43	02/12/26 12:37
Aroclor 1268	EPA 8082A	<51.2	U	µg/kg	183	1	02/14/26 02:43	02/12/26 12:37
Total PCB	EPA 8082A	<51.2	U	µg/kg	183	1	02/14/26 02:43	02/12/26 12:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8082A</i>	67.3		<i>%REC</i>	<i>54-146</i>	<i>1</i>	<i>02/14/26 02:43</i>	<i>02/12/26 12:37</i>
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8082A</i>	78.6		<i>%REC</i>	<i>58-140</i>	<i>1</i>	<i>02/14/26 02:43</i>	<i>02/12/26 12:37</i>

Semivolatile Organic Compounds by GC-MS

1,1'-Biphenyl (BZ-0)	EPA 8270E	<14.4	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<20.5	U	µg/kg	888	1	02/15/26 14:48	02/13/26 08:25

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:27
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB02 (3-4')_20260210

Lab ID: HN2601979-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<63.8	U	µg/kg	445	1	02/15/26 14:48	02/13/26 08:25
1-Methylnaphthalene	EPA 8270E	<12.8	U	µg/kg	17.8	1	02/15/26 14:48	02/13/26 08:25
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<20.8	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
2,3,4,6-Tetrachlorophenol	EPA 8270E	<65.1	U	µg/kg	178	1	02/15/26 14:48	02/13/26 08:25
2,4,5-Trichlorophenol	EPA 8270E	<52.7	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
2,4,6-Trichlorophenol	EPA 8270E	<23.7	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
2,4-Dichlorophenol	EPA 8270E	<47.9	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
2,4-Dimethylphenol	EPA 8270E	<45.7	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
2,4-Dinitrophenol	EPA 8270E	<650	U	µg/kg	888	1	02/15/26 14:48	02/13/26 08:25
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<57.8	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<22.7	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
2-Chloronaphthalene	EPA 8270E	<12.4	U	µg/kg	17.8	1	02/15/26 14:48	02/13/26 08:25
2-Chlorophenol	EPA 8270E	<58.2	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<74.3	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
2-Methylnaphthalene	EPA 8270E	<9.04	U	µg/kg	17.8	1	02/15/26 14:48	02/13/26 08:25
2-Methylphenol (o-Cresol)	EPA 8270E	<24.0	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
2-Nitroaniline	EPA 8270E	<49.4	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
2-Nitrophenol	EPA 8270E	<25.3	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
3&4-Methylphenol	EPA 8270E	<48.5	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
3,3'-Dichlorobenzidine	EPA 8270E	<41.5	U	µg/kg	445	1	02/15/26 14:48	02/13/26 08:25
3-Nitroaniline	EPA 8270E	<51.6	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<48.7	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
4-Chloro-3-methylphenol	EPA 8270E	<25.3	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
4-Chloroaniline	EPA 8270E	<45.2	U	µg/kg	178	1	02/15/26 14:48	02/13/26 08:25
4-Chlorophenyl phenylether	EPA 8270E	<24.6	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
4-Nitroaniline	EPA 8270E	<138	U	µg/kg	445	1	02/15/26 14:48	02/13/26 08:25
4-Nitrophenol	EPA 8270E	<208	U	µg/kg	888	1	02/15/26 14:48	02/13/26 08:25
Acenaphthene	EPA 8270E	<12.9	U	µg/kg	17.8	1	02/15/26 14:48	02/13/26 08:25

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:27
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB02 (3-4')_20260210

Lab ID: HN2601979-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<15.4	U	µg/kg	17.8	1	02/15/26 14:48	02/13/26 08:25
Acetophenone	EPA 8270E	<13.9	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
Anthracene	EPA 8270E	<12.5	U	µg/kg	17.8	1	02/15/26 14:48	02/13/26 08:25
Atrazine	EPA 8270E	<52.1	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
Benzaldehyde	EPA 8270E	<137	U	µg/kg	178	1	02/15/26 14:48	02/13/26 08:25
Benzo(a)anthracene	EPA 8270E	<15.4	U	µg/kg	17.8	1	02/15/26 14:48	02/13/26 08:25
Benzo(a)pyrene	EPA 8270E	<10.9	U	µg/kg	17.8	1	02/15/26 14:48	02/13/26 08:25
Benzo(b)fluoranthene	EPA 8270E	17.8		µg/kg	17.8	1	02/15/26 14:48	02/13/26 08:25
Benzo(g,h,i)perylene	EPA 8270E	<13.6	U	µg/kg	17.8	1	02/15/26 14:48	02/13/26 08:25
Benzo(k)fluoranthene	EPA 8270E	<13.5	U	µg/kg	17.8	1	02/15/26 14:48	02/13/26 08:25
bis(2-Chloroethoxy) methane	EPA 8270E	<56.3	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
bis(2-Chloroethyl) ether	EPA 8270E	<25.2	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
Butyl benzyl phthalate	EPA 8270E	<111	U	µg/kg	178	1	02/15/26 14:48	02/13/26 08:25
Caprolactam	EPA 8270E	<80.2	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
Carbazole	EPA 8270E	<26.2	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
Chrysene	EPA 8270E	<14.4	U	µg/kg	17.8	1	02/15/26 14:48	02/13/26 08:25
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	97.8		µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
Dibenz(a,h) anthracene	EPA 8270E	<9.60	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
Dibenzofuran	EPA 8270E	<13.1	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
Diethyl phthalate	EPA 8270E	<30.3	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
Dimethyl phthalate	EPA 8270E	<17.3	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
Fluoranthene	EPA 8270E	<8.54	U	µg/kg	17.8	1	02/15/26 14:48	02/13/26 08:25
Fluorene	EPA 8270E	<12.9	U	µg/kg	17.8	1	02/15/26 14:48	02/13/26 08:25
Hexachlorobenzene	EPA 8270E	<25.9	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
Hexachlorobutadiene	EPA 8270E	<20.9	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
Hexachlorocyclopentadiene	EPA 8270E	<84.3	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
Hexachloroethane	EPA 8270E	<36.8	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
Indeno(1,2,3-cd) pyrene	EPA 8270E	17.8		µg/kg	17.8	1	02/15/26 14:48	02/13/26 08:25
Isophorone	EPA 8270E	<17.4	U	µg/kg	445	1	02/15/26 14:48	02/13/26 08:25
Methylphenol, Total	EPA 8270E	<24.0	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:27
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB02 (3-4')_20260210

Lab ID: HN2601979-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<11.4	U	µg/kg	17.8	1	02/15/26 14:48	02/13/26 08:25
Nitrobenzene	EPA 8270E	<29.9	U	µg/kg	445	1	02/15/26 14:48	02/13/26 08:25
n-Nitrosodi-n-propylamine	EPA 8270E	<14.7	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
N-Nitrosodiphenylamine	EPA 8270E	<51.5	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
Pentachlorophenol	EPA 8270E	<70.6	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
Phenanthrene	EPA 8270E	<8.27	U	µg/kg	17.8	1	02/15/26 14:48	02/13/26 08:25
Phenol	EPA 8270E	<44.7	U	µg/kg	88.0	1	02/15/26 14:48	02/13/26 08:25
Pyrene	EPA 8270E	<8.87	U	µg/kg	17.8	1	02/15/26 14:48	02/13/26 08:25
Pyridine	EPA 8270E	<175	U	µg/kg	445	1	02/15/26 14:48	02/13/26 08:25
<i>Surr: 2,4,6-Tribromophenol</i>	<i>EPA 8270E</i>	73.6		%REC	48-94	1	02/15/26 14:48	02/13/26 08:25
<i>Surr: 2-Fluorobiphenyl</i>	<i>EPA 8270E</i>	70.2		%REC	50-103	1	02/15/26 14:48	02/13/26 08:25
<i>Surr: 2-Fluorophenol</i>	<i>EPA 8270E</i>	73.3		%REC	43-105	1	02/15/26 14:48	02/13/26 08:25
<i>Surr: 4-Terphenyl-d14</i>	<i>EPA 8270E</i>	70.8		%REC	55-111	1	02/15/26 14:48	02/13/26 08:25
<i>Surr: Nitrobenzene-d5</i>	<i>EPA 8270E</i>	76.2		%REC	47-100	1	02/15/26 14:48	02/13/26 08:25
<i>Surr: Phenol-d6</i>	<i>EPA 8270E</i>	73.2		%REC	49-110	1	02/15/26 14:48	02/13/26 08:25

Volatile Organic Compounds by GC-MS

1,1,1-Trichloroethane	EPA 8260D	<18.2	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
1,1,2,2-Tetrachloroethane	EPA 8260D	<17.7	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<25.3	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
1,1,2-Trichloroethane	EPA 8260D	<17.0	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
1,1-Dichloroethane	EPA 8260D	<14.6	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
1,1-Dichloroethylene	EPA 8260D	<13.0	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
1,2,3-Trichlorobenzene	EPA 8260D	<48.0	U	µg/kg	133	1	02/12/26 17:47	02/11/26 14:44
1,2,3-Trichloropropane	EPA 8260D	<16.8	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
1,2,4-Trichlorobenzene	EPA 8260D	<45.4	U	µg/kg	133	1	02/12/26 17:47	02/11/26 14:44
1,2,4-Trimethylbenzene	EPA 8260D	<29.3	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<36.8	U	µg/kg	133	1	02/12/26 17:47	02/11/26 14:44
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<23.5	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<15.2	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:27
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB02 (3-4')_20260210

Lab ID: HN2601979-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<23.5	U	µg/kg	133	1	02/12/26 17:47	02/11/26 14:44
1,2-Dichloropropane	EPA 8260D	<29.5	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
1,3,5-Trimethylbenzene	EPA 8260D	<28.3	U	µg/kg	133	1	02/12/26 17:47	02/11/26 14:44
1,3-Dichlorobenzene (m- Dichlorobenzene)	EPA 8260D	<27.6	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
1,3-Dichloropropene	EPA 8260D	<22.3	U	µg/kg	80.0	1	02/12/26 17:47	02/11/26 14:44
1,4-Dichlorobenzene (p- Dichlorobenzene)	EPA 8260D	<32.5	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<95.3	BU	µg/kg	267	1	02/12/26 17:47	02/11/26 14:44
2-Hexanone	EPA 8260D	<19.8	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<37.3	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Acetone	EPA 8260D	<119	U	µg/kg	133	1	02/12/26 17:47	02/11/26 14:44
Benzene	EPA 8260D	<19.4	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Bromochloromethane	EPA 8260D	<20.4	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Bromodichloromethane	EPA 8260D	<22.4	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Bromoform	EPA 8260D	<16.8	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Carbon disulfide	EPA 8260D	<20.7	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Carbon tetrachloride	EPA 8260D	<15.7	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Chlorobenzene	EPA 8260D	<13.3	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Chlorodibromomethane	EPA 8260D	<22.5	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Chloroethane (Ethyl chloride)	EPA 8260D	<112	U	µg/kg	133	1	02/12/26 17:47	02/11/26 14:44
Chloroform	EPA 8260D	<14.7	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
cis-1,2-Dichloroethylene	EPA 8260D	<25.7	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
cis-1,3-Dichloropropene	EPA 8260D	<30.1	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Cyclohexane	EPA 8260D	<30.6	U	µg/kg	133	1	02/12/26 17:47	02/11/26 14:44
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<48.4	U	µg/kg	133	1	02/12/26 17:47	02/11/26 14:44
Ethylbenzene	EPA 8260D	<28.4	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Isopropylbenzene	EPA 8260D	<25.3	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
m+p-Xylene	EPA 8260D	<53.4	U	µg/kg	80.0	1	02/12/26 17:47	02/11/26 14:44
Methyl acetate	EPA 8260D	<47.9	U	µg/kg	333	1	02/12/26 17:47	02/11/26 14:44
Methyl bromide (Bromomethane)	EPA 8260D	<76.5	U	µg/kg	133	1	02/12/26 17:47	02/11/26 14:44

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:27
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB02 (3-4')_20260210

Lab ID: HN2601979-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<109	SU	µg/kg	133	1	02/12/26 17:47	02/11/26 14:44
Methyl tert-butyl ether (MTBE)	EPA 8260D	<29.2	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Methylcyclohexane	EPA 8260D	<15.3	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Methylene chloride (Dichloromethane)	EPA 8260D	<106	U	µg/kg	333	1	02/12/26 17:47	02/11/26 14:44
o-Xylene	EPA 8260D	<15.5	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Styrene	EPA 8260D	<15.9	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<24.1	SU	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Toluene	EPA 8260D	<33.0	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Total Xylene	EPA 8260D	<15.5	U	µg/kg	120	1	02/12/26 17:47	02/11/26 14:44
trans-1,2-Dichloroethylene	EPA 8260D	<33.0	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
trans-1,3-Dichloropropylene	EPA 8260D	<22.3	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Trichloroethene (Trichloroethylene)	EPA 8260D	<17.9	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<20.5	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
Vinyl chloride (Chloroethene)	EPA 8260D	<26.6	U	µg/kg	40.0	1	02/12/26 17:47	02/11/26 14:44
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>EPA 8260D</i>	100		%REC	80-120	1	02/12/26 17:47	02/11/26 14:44
<i>Surr: 4-Bromofluorobenzene</i>	<i>EPA 8260D</i>	105		%REC	80-120	1	02/12/26 17:47	02/11/26 14:44
<i>Surr: Dibromofluoromethane</i>	<i>EPA 8260D</i>	103		%REC	72-120	1	02/12/26 17:47	02/11/26 14:44
<i>Surr: Toluene-d8</i>	<i>EPA 8260D</i>	109		%REC	80-120	1	02/12/26 17:47	02/11/26 14:44

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:32
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB03 (5-6')_20260210

Lab ID: HN2601979-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<2.71	U	µg/kg	14.7	1	02/14/26 15:33	02/13/26 10:31
2,4,5-TP (Silvex)	EPA 8151A	<4.83	U	µg/kg	14.7	1	02/14/26 15:33	02/13/26 10:31
2,4-D	EPA 8151A	<7.87	U	µg/kg	29.5	1	02/14/26 15:33	02/13/26 10:31
Surr: DCAA	EPA 8151A	62.0		%REC	10-116	1	02/14/26 15:33	02/13/26 10:31
General Chemistry Parameters								
Percent Moisture	EPA 3550C	21.8		%	0.1	1	02/11/26 16:36	NA
Chloride	EPA 9056A	18.5		mg/kg	12.6	1	02/13/26 01:02	02/12/26 13:22
Metals								
Arsenic	EPA 6020B	7.67		mg/kg	3.63	10	02/16/26 20:26	02/16/26 10:07
Barium	EPA 6020B	92.7		mg/kg	3.63	10	02/16/26 20:26	02/16/26 10:07
Cadmium	EPA 6020B	<0.218	U	mg/kg	1.45	10	02/16/26 20:26	02/16/26 10:07
Chromium	EPA 6020B	19.7		mg/kg	3.63	10	02/16/26 20:26	02/16/26 10:07
Copper	EPA 6020B	20.8		mg/kg	3.63	10	02/16/26 20:26	02/16/26 10:07
Lead	EPA 6020B	13.4		mg/kg	3.63	10	02/16/26 20:26	02/16/26 10:07
Selenium	EPA 6020B	<3.34	U	mg/kg	3.63	10	02/16/26 20:26	02/16/26 10:07
Silver	EPA 6020B	<0.479	U	mg/kg	3.63	10	02/16/26 20:26	02/16/26 10:07
Zinc	EPA 6020B	58.2		mg/kg	7.26	10	02/16/26 20:26	02/16/26 10:07
Mercury	EPA 7471B	0.0422		mg/kg	0.0200	1	02/18/26 10:10	02/17/26 12:42
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<19.7	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
4,4'-DDE	EPA 8081B	<20.3	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
4,4'-DDT	EPA 8081B	<20.5	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
Aldrin	EPA 8081B	<20.0	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
alpha-BHC	EPA 8081B	<20.3	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
beta-BHC	EPA 8081B	<20.2	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
Chlordane, Technical	EPA 8081B	<30.6	U	µg/kg	77.1	1	02/15/26 03:16	02/12/26 12:37
cis-Chlordane	EPA 8081B	<20.6	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
delta-BHC	EPA 8081B	<20.2	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
Dieldrin	EPA 8081B	<21.6	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:32
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB03 (5-6')_20260210

Lab ID: HN2601979-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<20.7	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
Endosulfan II	EPA 8081B	<20.4	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
Endosulfan sulfate	EPA 8081B	<19.0	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
Endrin	EPA 8081B	<25.0	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
Endrin aldehyde	EPA 8081B	<19.5	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
Endrin ketone	EPA 8081B	<18.8	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
gamma-BHC (Lindane)	EPA 8081B	<20.2	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
Heptachlor	EPA 8081B	<19.9	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
Heptachlor epoxide	EPA 8081B	<20.4	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
Methoxychlor	EPA 8081B	<20.6	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
Toxaphene	EPA 8081B	<33.3	U	µg/kg	185	1	02/15/26 03:16	02/12/26 12:37
trans-Chlordane	EPA 8081B	<20.5	U	µg/kg	30.8	1	02/15/26 03:16	02/12/26 12:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8081B</i>	66.7		%REC	53-151	1	02/15/26 03:16	02/12/26 12:37
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8081B</i>	93.6		%REC	67-127	1	02/15/26 03:16	02/12/26 12:37

Polychlorinated Biphenyls (PCBs) by GC/ECD

Aroclor 1016	EPA 8082A	<70.5	U	µg/kg	206	1	02/14/26 03:18	02/12/26 12:37
Aroclor 1221	EPA 8082A	<70.5	U	µg/kg	206	1	02/14/26 03:18	02/12/26 12:37
Aroclor 1232	EPA 8082A	<70.5	U	µg/kg	206	1	02/14/26 03:18	02/12/26 12:37
Aroclor 1242	EPA 8082A	<70.5	U	µg/kg	206	1	02/14/26 03:18	02/12/26 12:37
Aroclor 1248	EPA 8082A	<70.5	U	µg/kg	206	1	02/14/26 03:18	02/12/26 12:37
Aroclor 1254	EPA 8082A	<57.4	U	µg/kg	206	1	02/14/26 03:18	02/12/26 12:37
Aroclor 1260	EPA 8082A	<57.4	U	µg/kg	206	1	02/14/26 03:18	02/12/26 12:37
Aroclor 1262	EPA 8082A	<57.4	U	µg/kg	206	1	02/14/26 03:18	02/12/26 12:37
Aroclor 1268	EPA 8082A	<57.4	U	µg/kg	206	1	02/14/26 03:18	02/12/26 12:37
Total PCB	EPA 8082A	<57.4	U	µg/kg	206	1	02/14/26 03:18	02/12/26 12:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8082A</i>	94.5		%REC	54-146	1	02/14/26 03:18	02/12/26 12:37
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8082A</i>	89.6		%REC	58-140	1	02/14/26 03:18	02/12/26 12:37

Semivolatile Organic Compounds by GC-MS

1,1'-Biphenyl (BZ-0)	EPA 8270E	<16.7	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<23.7	U	µg/kg	1030	1	02/15/26 15:16	02/13/26 08:25

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:32
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB03 (5-6')_20260210

Lab ID: HN2601979-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<73.6	U	µg/kg	513	1	02/15/26 15:16	02/13/26 08:25
1-Methylnaphthalene	EPA 8270E	39.0		µg/kg	20.5	1	02/15/26 15:16	02/13/26 08:25
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<24.0	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
2,3,4,6-Tetrachlorophenol	EPA 8270E	<75.2	U	µg/kg	205	1	02/15/26 15:16	02/13/26 08:25
2,4,5-Trichlorophenol	EPA 8270E	<60.8	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
2,4,6-Trichlorophenol	EPA 8270E	<27.3	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
2,4-Dichlorophenol	EPA 8270E	<55.2	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
2,4-Dimethylphenol	EPA 8270E	<52.8	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
2,4-Dinitrophenol	EPA 8270E	<750	U	µg/kg	1030	1	02/15/26 15:16	02/13/26 08:25
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<66.7	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<26.2	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
2-Chloronaphthalene	EPA 8270E	<14.3	U	µg/kg	20.5	1	02/15/26 15:16	02/13/26 08:25
2-Chlorophenol	EPA 8270E	<67.2	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<85.7	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
2-Methylnaphthalene	EPA 8270E	47.2		µg/kg	20.5	1	02/15/26 15:16	02/13/26 08:25
2-Methylphenol (o-Cresol)	EPA 8270E	<27.7	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
2-Nitroaniline	EPA 8270E	<57.0	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
2-Nitrophenol	EPA 8270E	<29.2	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
3&4-Methylphenol	EPA 8270E	<55.9	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
3,3'-Dichlorobenzidine	EPA 8270E	<47.9	U	µg/kg	513	1	02/15/26 15:16	02/13/26 08:25
3-Nitroaniline	EPA 8270E	<59.6	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<56.2	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
4-Chloro-3-methylphenol	EPA 8270E	<29.2	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
4-Chloroaniline	EPA 8270E	<52.2	U	µg/kg	205	1	02/15/26 15:16	02/13/26 08:25
4-Chlorophenyl phenylether	EPA 8270E	<28.4	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
4-Nitroaniline	EPA 8270E	<159	U	µg/kg	513	1	02/15/26 15:16	02/13/26 08:25
4-Nitrophenol	EPA 8270E	<240	U	µg/kg	1030	1	02/15/26 15:16	02/13/26 08:25
Acenaphthene	EPA 8270E	22.6		µg/kg	20.5	1	02/15/26 15:16	02/13/26 08:25

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:32
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB03 (5-6')_20260210

Lab ID: HN2601979-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	24.6		µg/kg	20.5	1	02/15/26 15:16	02/13/26 08:25
Acetophenone	EPA 8270E	<16.1	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
Anthracene	EPA 8270E	<14.5	U	µg/kg	20.5	1	02/15/26 15:16	02/13/26 08:25
Atrazine	EPA 8270E	<60.1	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
Benzaldehyde	EPA 8270E	<158	U	µg/kg	205	1	02/15/26 15:16	02/13/26 08:25
Benzo(a)anthracene	EPA 8270E	86.2		µg/kg	20.5	1	02/15/26 15:16	02/13/26 08:25
Benzo(a)pyrene	EPA 8270E	92.4		µg/kg	20.5	1	02/15/26 15:16	02/13/26 08:25
Benzo(b)fluoranthene	EPA 8270E	119		µg/kg	20.5	1	02/15/26 15:16	02/13/26 08:25
Benzo(g,h,i)perylene	EPA 8270E	53.4		µg/kg	20.5	1	02/15/26 15:16	02/13/26 08:25
Benzo(k)fluoranthene	EPA 8270E	34.9		µg/kg	20.5	1	02/15/26 15:16	02/13/26 08:25
bis(2-Chloroethoxy) methane	EPA 8270E	<65.0	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
bis(2-Chloroethyl) ether	EPA 8270E	<29.1	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
Butyl benzyl phthalate	EPA 8270E	<128	U	µg/kg	205	1	02/15/26 15:16	02/13/26 08:25
Caprolactam	EPA 8270E	<92.6	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
Carbazole	EPA 8270E	<30.2	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
Chrysene	EPA 8270E	65.7		µg/kg	20.5	1	02/15/26 15:16	02/13/26 08:25
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	<84.9	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
Dibenz(a,h) anthracene	EPA 8270E	<11.1	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
Dibenzofuran	EPA 8270E	<15.1	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
Diethyl phthalate	EPA 8270E	<34.9	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
Dimethyl phthalate	EPA 8270E	<20.0	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
Fluoranthene	EPA 8270E	144		µg/kg	20.5	1	02/15/26 15:16	02/13/26 08:25
Fluorene	EPA 8270E	<14.9	U	µg/kg	20.5	1	02/15/26 15:16	02/13/26 08:25
Hexachlorobenzene	EPA 8270E	<29.9	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
Hexachlorobutadiene	EPA 8270E	<24.2	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
Hexachlorocyclopentadiene	EPA 8270E	<97.3	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
Hexachloroethane	EPA 8270E	<42.5	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
Indeno(1,2,3-cd) pyrene	EPA 8270E	71.8		µg/kg	20.5	1	02/15/26 15:16	02/13/26 08:25
Isophorone	EPA 8270E	<20.0	U	µg/kg	513	1	02/15/26 15:16	02/13/26 08:25
Methylphenol, Total	EPA 8270E	<27.7	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:32
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB03 (5-6')_20260210

Lab ID: HN2601979-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	28.7		µg/kg	20.5	1	02/15/26 15:16	02/13/26 08:25
Nitrobenzene	EPA 8270E	<34.5	U	µg/kg	513	1	02/15/26 15:16	02/13/26 08:25
n-Nitrosodi-n-propylamine	EPA 8270E	<16.9	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
N-Nitrosodiphenylamine	EPA 8270E	<59.4	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
Pentachlorophenol	EPA 8270E	<81.5	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
Phenanthrene	EPA 8270E	43.1		µg/kg	20.5	1	02/15/26 15:16	02/13/26 08:25
Phenol	EPA 8270E	<51.5	U	µg/kg	102	1	02/15/26 15:16	02/13/26 08:25
Pyrene	EPA 8270E	127		µg/kg	20.5	1	02/15/26 15:16	02/13/26 08:25
Pyridine	EPA 8270E	<202	U	µg/kg	513	1	02/15/26 15:16	02/13/26 08:25
Surr: 2,4,6-Tribromophenol	EPA 8270E	68.2		%REC	48-94	1	02/15/26 15:16	02/13/26 08:25
Surr: 2-Fluorobiphenyl	EPA 8270E	68.9		%REC	50-103	1	02/15/26 15:16	02/13/26 08:25
Surr: 2-Fluorophenol	EPA 8270E	69.6		%REC	43-105	1	02/15/26 15:16	02/13/26 08:25
Surr: 4-Terphenyl-d14	EPA 8270E	70.6		%REC	55-111	1	02/15/26 15:16	02/13/26 08:25
Surr: Nitrobenzene-d5	EPA 8270E	80.4		%REC	47-100	1	02/15/26 15:16	02/13/26 08:25
Surr: Phenol-d6	EPA 8270E	70.8		%REC	49-110	1	02/15/26 15:16	02/13/26 08:25

Volatile Organic Compounds by GC-MS

1,1,1-Trichloroethane	EPA 8260D	<21.0	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
1,1,2,2-Tetrachloroethane	EPA 8260D	<20.4	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<29.3	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
1,1,2-Trichloroethane	EPA 8260D	<19.7	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
1,1-Dichloroethane	EPA 8260D	<16.9	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
1,1-Dichloroethylene	EPA 8260D	<15.0	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
1,2,3-Trichlorobenzene	EPA 8260D	<55.6	U	µg/kg	154	1	02/12/26 18:05	02/11/26 14:44
1,2,3-Trichloropropane	EPA 8260D	<19.4	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
1,2,4-Trichlorobenzene	EPA 8260D	<52.5	U	µg/kg	154	1	02/12/26 18:05	02/11/26 14:44
1,2,4-Trimethylbenzene	EPA 8260D	<34.0	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<42.6	U	µg/kg	154	1	02/12/26 18:05	02/11/26 14:44
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<27.2	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<17.6	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:32
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB03 (5-6')_20260210

Lab ID: HN2601979-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<27.2	U	µg/kg	154	1	02/12/26 18:05	02/11/26 14:44
1,2-Dichloropropane	EPA 8260D	<34.1	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
1,3,5-Trimethylbenzene	EPA 8260D	<32.7	U	µg/kg	154	1	02/12/26 18:05	02/11/26 14:44
1,3-Dichlorobenzene (m- Dichlorobenzene)	EPA 8260D	<32.0	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
1,3-Dichloropropene	EPA 8260D	<25.9	U	µg/kg	92.6	1	02/12/26 18:05	02/11/26 14:44
1,4-Dichlorobenzene (p- Dichlorobenzene)	EPA 8260D	<37.6	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<110	BU	µg/kg	309	1	02/12/26 18:05	02/11/26 14:44
2-Hexanone	EPA 8260D	<23.0	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<43.2	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Acetone	EPA 8260D	<137	U	µg/kg	154	1	02/12/26 18:05	02/11/26 14:44
Benzene	EPA 8260D	<22.4	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Bromochloromethane	EPA 8260D	<23.6	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Bromodichloromethane	EPA 8260D	<25.9	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Bromoform	EPA 8260D	<19.5	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Carbon disulfide	EPA 8260D	<24.0	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Carbon tetrachloride	EPA 8260D	<18.1	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Chlorobenzene	EPA 8260D	<15.4	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Chlorodibromomethane	EPA 8260D	<26.0	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Chloroethane (Ethyl chloride)	EPA 8260D	<130	U	µg/kg	154	1	02/12/26 18:05	02/11/26 14:44
Chloroform	EPA 8260D	<17.0	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
cis-1,2-Dichloroethylene	EPA 8260D	<29.8	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
cis-1,3-Dichloropropene	EPA 8260D	<34.9	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Cyclohexane	EPA 8260D	<35.5	U	µg/kg	154	1	02/12/26 18:05	02/11/26 14:44
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<56.0	U	µg/kg	154	1	02/12/26 18:05	02/11/26 14:44
Ethylbenzene	EPA 8260D	<32.8	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Isopropylbenzene	EPA 8260D	<29.3	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
m+p-Xylene	EPA 8260D	<61.7	U	µg/kg	92.6	1	02/12/26 18:05	02/11/26 14:44
Methyl acetate	EPA 8260D	<55.4	U	µg/kg	386	1	02/12/26 18:05	02/11/26 14:44
Methyl bromide (Bromomethane)	EPA 8260D	<88.6	U	µg/kg	154	1	02/12/26 18:05	02/11/26 14:44

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID

Work Order: HN2601979
Date Collected: 02/10/26 12:32
Date Received: 02/11/26 08:00

CLIENT ID: 6385 SB03 (5-6')_20260210

Lab ID: HN2601979-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<127	SU	µg/kg	154	1	02/12/26 18:05	02/11/26 14:44
Methyl tert-butyl ether (MTBE)	EPA 8260D	<33.8	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Methylcyclohexane	EPA 8260D	<17.7	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Methylene chloride (Dichloromethane)	EPA 8260D	<123	U	µg/kg	386	1	02/12/26 18:05	02/11/26 14:44
o-Xylene	EPA 8260D	<17.9	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Styrene	EPA 8260D	<18.4	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<27.9	SU	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Toluene	EPA 8260D	<38.2	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Total Xylene	EPA 8260D	<17.9	U	µg/kg	139	1	02/12/26 18:05	02/11/26 14:44
trans-1,2-Dichloroethylene	EPA 8260D	<38.2	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
trans-1,3-Dichloropropylene	EPA 8260D	<25.9	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Trichloroethene (Trichloroethylene)	EPA 8260D	<20.8	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<23.7	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
Vinyl chloride (Chloroethene)	EPA 8260D	<30.8	U	µg/kg	46.3	1	02/12/26 18:05	02/11/26 14:44
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>EPA 8260D</i>	98.8		%REC	80-120	1	02/12/26 18:05	02/11/26 14:44
<i>Surr: 4-Bromofluorobenzene</i>	<i>EPA 8260D</i>	95.8		%REC	80-120	1	02/12/26 18:05	02/11/26 14:44
<i>Surr: Dibromofluoromethane</i>	<i>EPA 8260D</i>	97.6		%REC	72-120	1	02/12/26 18:05	02/11/26 14:44
<i>Surr: Toluene-d8</i>	<i>EPA 8260D</i>	98.4		%REC	80-120	1	02/12/26 18:05	02/11/26 14:44



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2452243

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3883580

Chlorinated Herbicides by GC/ECD

MB	CLIENT ID: Method Blank	Lab ID: QC-2452243-001
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Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 02/14/26 11:25
Prep Date: 02/13/26 10:32

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	<0.920	µg/kg	5.00							U
2,4,5-TP (Silvex)	<1.64	µg/kg	5.00							U
2,4-D	<2.67	µg/kg	10.0							U
Surr: DCAA	26.0	µg/kg		50		52.0	10-116			

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2452243-002
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Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 02/14/26 11:38
Prep Date: 02/13/26 10:32

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	34.0	µg/kg	5.00	50		68.0	10-119			
2,4,5-TP (Silvex)	32.0	µg/kg	5.00	50		64.0	10-101			
2,4-D	35.0	µg/kg	10.0	50		70.0	10-128			
Surr: DCAA	38.0	µg/kg		50		76.0	10-116			

MS	CLIENT ID: Batch QC	Lab ID: QC-2452243-005
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Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 02/14/26 11:51
Prep Date: 02/13/26 10:32

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	50.0	µg/kg	8.96	83.403	<1.53	60.0	10-119			
2,4,5-TP (Silvex)	46.7	µg/kg	8.96	83.403	<2.74	56.0	10-101			
2,4-D	50.0	µg/kg	17.9	83.403	<4.45	60.0	10-128			
Surr: DCAA	55.0	µg/kg		83.403		66.0	10-116			

MSD	CLIENT ID: Batch QC	Lab ID: QC-2452243-006
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Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 02/14/26 12:05
Prep Date: 02/13/26 10:32

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	48.5	µg/kg	8.97	83.542	<1.54	58.0	10-119	3.22	30	
2,4,5-TP (Silvex)	48.5	µg/kg	8.97	83.542	<2.74	58.0	10-101	3.68	30	
2,4-D	53.5	µg/kg	17.9	83.542	<4.46	64.0	10-128	6.62	30	
Surr: DCAA	61.8	µg/kg		83.542		74.0	10-116	11.6	30	

The following samples were analyzed in this batch: HN2601979-001, HN2601979-002, HN2601979-003



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2449997

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3873565

General Chemistry Parameters

MB	CLIENT ID: Method Blank	Lab ID: QC-2449997-001
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Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 02/11/26 16:36
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-2449997-002
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Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 02/11/26 16:36
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-2449997-004
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Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 02/11/26 16:36
Prep Date: NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	86.5	%	0.1		87.1			0.634	10	

The following samples were analyzed in this batch: HN2601979-001, HN2601979-002, HN2601979-003



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2449997

Work Order: HN2601979
Date Collected: 02/10/26 13:25
Date Received: 02/11/26 08:00
Run ID: 3878920

General Chemistry Parameters

DUP	CLIENT ID: Batch QC	Lab ID: QC-2449997-015
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Method: EPA 3550C**Dilution:** 1**Analysis Date:** 02/12/26 21:01**Prep Date:** NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	16.3	%	0.1		<0.1			8.11	10	

The following samples were analyzed in this batch: HN2601979-001, HN2601979-002, HN2601979-003

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2450186

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3878568

General Chemistry Parameters

MB	CLIENT ID: Method Blank	Lab ID: QC-2450186-001
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Method: EPA 9056A **Dilution:** 1 **Analysis Date:** 02/12/26 23:58
Prep Date: 02/12/26 13:23

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	<3.10	mg/kg	10.0							U

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2450186-002
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Method: EPA 9056A **Dilution:** 1 **Analysis Date:** 02/13/26 00:06
Prep Date: 02/12/26 13:23

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	93.6	mg/kg	10.0	100		93.6	87-110			

MS	CLIENT ID: Batch QC	Lab ID: QC-2450186-004
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Method: EPA 9056A **Dilution:** 1 **Analysis Date:** 02/13/26 00:22
Prep Date: 02/12/26 13:23

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	105	mg/kg	10.5	97.656	17.8	90.7	87-110			

MSD	CLIENT ID: Batch QC	Lab ID: QC-2450186-005
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Method: EPA 9056A **Dilution:** 1 **Analysis Date:** 02/13/26 00:30
Prep Date: 02/12/26 13:23

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	114	mg/kg	11.1	103.52	17.8	94.5	87-110	8.42	15	

The following samples were analyzed in this batch: HN2601979-001, HN2601979-002, HN2601979-003

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2456194

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3883916

Metals

MB CLIENT ID: Method Blank Lab ID: QC-2456194-001

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 02/16/26 20:01
Prep Date: 02/16/26 10:08

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	<0.0300	mg/kg	0.250							U
Barium	<0.230	mg/kg	0.250							U
Cadmium	<0.0150	mg/kg	0.100							U
Chromium	<0.110	mg/kg	0.250							U
Copper	<0.250	mg/kg	0.250							U
Lead	<0.120	mg/kg	0.250							U
Selenium	<0.230	mg/kg	0.250							U
Silver	<0.0330	mg/kg	0.250							U
Zinc	<0.490	mg/kg	0.500							U

LCS CLIENT ID: Laboratory Control Sample Lab ID: QC-2456194-002

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 02/16/26 20:02
Prep Date: 02/16/26 10:08

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	5.07	mg/kg	0.250	5		101	80-120			
Barium	5.35	mg/kg	0.250	5		107	80-120			
Cadmium	4.92	mg/kg	0.100	5		98.3	80-120			
Chromium	5.02	mg/kg	0.250	5		100	80-120			
Copper	5.01	mg/kg	0.250	5		100	80-120			
Lead	5.20	mg/kg	0.250	5		104	80-120			
Selenium	5.02	mg/kg	0.250	5		100	80-120			
Silver	4.94	mg/kg	0.250	5		98.8	80-120			
Zinc	5.11	mg/kg	0.500	5		102	80-120			

MS CLIENT ID: Batch QC Lab ID: QC-2456194-004

Method: EPA 6020B **Dilution:** 10 **Analysis Date:** 02/16/26 20:06
Prep Date: 02/16/26 10:08

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	12.4	mg/kg	3.10	5.6754	6.43	115	75-125			
Barium	30.2	mg/kg	3.10	5	69.1	NC	75-125			O
Cadmium	5.46	mg/kg	1.24	5.6754	<0.170	94.2	75-125			
Chromium	17.4	mg/kg	3.10	5	253	NC	75-125			O
Copper	20.4	mg/kg	3.10	5.6754	12.1	164	75-125			S
Lead	20.2	mg/kg	3.10	5.6754	15.1	113	75-125			
Selenium	4.91	mg/kg	3.10	5.6754	<2.61	93.9	75-125			
Silver	6.67	mg/kg	3.10	5.6754	<0.375	117	75-125			
Zinc	51.5	mg/kg	6.20	5	41.0	NC	75-125			O

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2456194

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3883916

MSD	CLIENT ID: Batch QC	Lab ID: QC-2456194-005
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Method: EPA 6020B **Dilution:** 10 **Analysis Date:** 02/16/26 20:07
Prep Date: 02/16/26 10:08

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	10.2	mg/kg	3.08	5.637	6.43	76.0	75-125	19.8	20	
Barium	35.3	mg/kg	3.08	5	69.1	NC	75-125	15.6	20	O
Cadmium	5.38	mg/kg	1.23	5.637	<0.169	93.4	75-125	1.45	20	
Chromium	14.0	mg/kg	3.08	5	253	NC	75-125	21.8	20	OR
Copper	16.1	mg/kg	3.08	5.637	12.1	89.2	75-125	23.5	20	R
Lead	21.1	mg/kg	3.08	5.637	15.1	129	75-125	4.34	20	S
Selenium	4.91	mg/kg	3.08	5.637	<2.59	94.5	75-125	0.101	20	
Silver	5.18	mg/kg	3.08	5.637	<0.372	91.5	75-125	25.1	20	R
Zinc	41.7	mg/kg	6.16	5	41.0	NC	75-125	21.0	20	OR

PDS	CLIENT ID: Batch QC	Lab ID: QC-2456194-007
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Method: EPA 6020B **Dilution:** 10 **Analysis Date:** 02/16/26 20:11
Prep Date: 02/16/26 10:08

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	61.6	mg/kg	2.99	54.645	6.43	102	75-125			
Barium	125	mg/kg	2.99	54.645	69.1	114	75-125			
Cadmium	56.5	mg/kg	1.19	54.645	<0.164	103	75-125			
Chromium	289	mg/kg	2.99	50	253	NC	75-125			O
Copper	63.8	mg/kg	2.99	54.645	12.1	96.4	75-125			
Lead	74.0	mg/kg	2.99	54.645	15.1	110	75-125			
Selenium	57.7	mg/kg	2.99	54.645	<2.51	106	75-125			
Silver	40.1	mg/kg	2.99	54.645	<0.361	73.4	75-125			S
Zinc	91.0	mg/kg	5.97	54.645	41.0	97.9	75-125			

The following samples were analyzed in this batch: HN2601979-001, HN2601979-002, HN2601979-003

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2456302

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3886955

Metals

MB	CLIENT ID: Method Blank	Lab ID: QC-2456302-001
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Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/18/26 09:38
Prep Date: 02/17/26 12:43

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	<0.0136	mg/kg	0.0200							U

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2456302-002
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Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/18/26 09:40
Prep Date: 02/17/26 12:43

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.172	mg/kg	0.0200	0.1665		103	80-120			

MS	CLIENT ID: Batch QC	Lab ID: QC-2456302-004
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Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/18/26 09:43
Prep Date: 02/17/26 12:43

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.164	mg/kg	0.0200	0.13703	0.0271	102	75-125			

MSD	CLIENT ID: Batch QC	Lab ID: QC-2456302-005
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Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/18/26 09:45
Prep Date: 02/17/26 12:43

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.151	mg/kg	0.0200	0.12661	0.0271	99.8	75-125	8.32	35	

The following samples were analyzed in this batch: HN2601979-001, HN2601979-002, HN2601979-003



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2451610

Work Order: HN2601979
Date Collected: 02/10/26 14:05
Date Received: 02/11/26 08:00
Run ID: 3883898

Organochlorine Pesticides by GC/ECD

MS	CLIENT ID: Batch QC	Lab ID: QC-2451610-005
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Method: EPA 8081B

Dilution: 1

Analysis Date: 02/14/26 21:17

Prep Date: 02/12/26 12:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDD	38.5	µg/kg	10.5	32.528	<6.24	118	55-141			
4,4'-DDE	35.9	µg/kg	10.5	32.528	<6.43	110	55-143			
4,4'-DDT	35.0	µg/kg	10.5	32.528	<6.49	108	50-144			
Aldrin	36.1	µg/kg	10.5	32.528	<6.34	111	57-141			
alpha-BHC	36.3	µg/kg	10.5	32.528	<6.42	112	58-144			
beta-BHC	36.7	µg/kg	10.5	32.528	<6.41	113	55-147			
cis-Chlordane	36.3	µg/kg	10.5	32.528	<6.52	112	58-142			
delta-BHC	33.6	µg/kg	10.5	32.528	<6.39	103	59-142			
Dieldrin	36.7	µg/kg	10.5	32.528	<6.83	113	59-142			
Endosulfan I	35.9	µg/kg	10.5	32.528	<6.56	110	57-145			
Endosulfan II	35.5	µg/kg	10.5	32.528	<6.46	109	58-138			
Endosulfan sulfate	33.8	µg/kg	10.5	32.528	<6.00	104	54-135			
Endrin	36.8	µg/kg	10.5	32.528	<7.90	113	45-150			
Endrin aldehyde	34.5	µg/kg	10.5	32.528	<6.19	106	41-147			
Endrin ketone	31.9	µg/kg	10.5	32.528	<5.94	98.1	54-146			
gamma-BHC (Lindane)	36.0	µg/kg	10.5	32.528	<6.40	111	58-145			
Heptachlor	36.2	µg/kg	10.5	32.528	<6.30	111	51-145			
Heptachlor epoxide	36.6	µg/kg	10.5	32.528	<6.46	113	59-143			
Methoxychlor	34.9	µg/kg	10.5	32.528	<6.53	107	43-144			
trans-Chlordane	36.4	µg/kg	10.5	32.528	<6.48	112	56-145			
Surr: Decachlorobiphenyl	28.1	µg/kg		32.528		86.4	53-151			
Surr: Tetrachloro-m-xylene	31.1	µg/kg		32.528		95.7	67-127			

MSD	CLIENT ID: Batch QC	Lab ID: QC-2451610-006
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Method: EPA 8081B

Dilution: 1

Analysis Date: 02/14/26 21:31

Prep Date: 02/12/26 12:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDD	39.0	µg/kg	10.5	32.507	<6.39	120	55-141	1.19	20	
4,4'-DDE	35.6	µg/kg	10.5	32.507	<6.59	110	55-143	0.747	20	
4,4'-DDT	33.3	µg/kg	10.5	32.507	<6.65	102	50-144	5.02	20	
Aldrin	35.7	µg/kg	10.5	32.507	<6.50	110	57-141	1.11	20	
alpha-BHC	36.3	µg/kg	10.5	32.507	<6.58	112	58-144	0.0650	20	
beta-BHC	36.9	µg/kg	10.5	32.507	<6.57	114	55-147	0.421	20	
cis-Chlordane	36.0	µg/kg	10.5	32.507	<6.68	111	58-142	0.965	20	
delta-BHC	33.9	µg/kg	10.5	32.507	<6.55	104	59-142	0.850	20	
Dieldrin	36.4	µg/kg	10.5	32.507	<6.99	112	59-142	0.822	20	
Endosulfan I	35.6	µg/kg	10.5	32.507	<6.72	109	57-145	0.975	20	
Endosulfan II	35.1	µg/kg	10.5	32.507	<6.62	108	58-138	1.12	20	
Endosulfan sulfate	32.9	µg/kg	10.5	32.507	<6.15	101	54-135	2.60	20	
Endrin	36.4	µg/kg	10.5	32.507	<8.09	112	45-150	1.04	20	
Endrin aldehyde	32.1	µg/kg	10.5	32.507	<6.34	98.7	41-147	7.15	20	
Endrin ketone	30.8	µg/kg	10.5	32.507	<6.08	94.7	54-146	3.59	20	

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2451610

Work Order: HN2601979
Date Collected: 02/10/26 14:05
Date Received: 02/11/26 08:00
Run ID: 3883898

MSD	CLIENT ID: Batch QC	Lab ID: QC-2451610-006
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Method: EPA 8081B **Dilution:** 1 **Analysis Date:** 02/14/26 21:31
Prep Date: 02/12/26 12:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
gamma-BHC (Lindane)	36.3	µg/kg	10.5	32.507	<6.56	112	58-145	0.879	20	
Heptachlor	36.3	µg/kg	10.5	32.507	<6.45	112	51-145	0.428	20	
Heptachlor epoxide	36.4	µg/kg	10.5	32.507	<6.62	112	59-143	0.688	20	
Methoxychlor	31.9	µg/kg	10.5	32.507	<6.69	98.2	43-144	8.92	20	
trans-Chlordane	36.1	µg/kg	10.5	32.507	<6.64	111	56-145	0.738	20	
Surr: Decachlorobiphenyl	22.0	µg/kg		32.507		67.8	53-151	24.2	30	
Surr: Tetrachloro-m-xylene	30.6	µg/kg		32.507		94.0	67-127	1.86	30	

The following samples were analyzed in this batch: HN2601979-001, HN2601979-002, HN2601979-003



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2451610

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3884122

Organochlorine Pesticides by GC/ECD

MB	CLIENT ID: Method Blank	Lab ID: QC-2451610-001
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Method: EPA 8081B**Dilution:** 1**Analysis Date:** 02/16/26 14:12**Prep Date:** 02/12/26 12:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDD	<6.39	µg/kg	10.0							U
4,4'-DDE	<6.59	µg/kg	10.0							U
4,4'-DDT	<6.65	µg/kg	10.0							U
Aldrin	<6.50	µg/kg	10.0							U
alpha-BHC	<6.58	µg/kg	10.0							U
beta-BHC	<6.57	µg/kg	10.0							U
Chlordane, Technical	<9.92	µg/kg	25.0							U
cis-Chlordane	<6.68	µg/kg	10.0							U
delta-BHC	<6.55	µg/kg	10.0							U
Dieldrin	<6.99	µg/kg	10.0							U
Endosulfan I	<6.72	µg/kg	10.0							U
Endosulfan II	<6.62	µg/kg	10.0							U
Endosulfan sulfate	<6.15	µg/kg	10.0							U
Endrin	<8.09	µg/kg	10.0							U
Endrin aldehyde	<6.34	µg/kg	10.0							U
Endrin ketone	<6.08	µg/kg	10.0							U
gamma-BHC (Lindane)	<6.56	µg/kg	10.0							U
Heptachlor	<6.45	µg/kg	10.0							U
Heptachlor epoxide	<6.62	µg/kg	10.0							U
Methoxychlor	<6.69	µg/kg	10.0							U
Toxaphene	<10.8	µg/kg	60.0							U
trans-Chlordane	<6.64	µg/kg	10.0							U
Surr: Decachlorobiphenyl	37.6	µg/kg		33.33		113	53-151			
Surr: Tetrachloro-m-xylene	38.4	µg/kg		33.33		115	67-127			

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2451610-002
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Method: EPA 8081B**Dilution:** 1**Analysis Date:** 02/16/26 14:26**Prep Date:** 02/12/26 12:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDD	38.8	µg/kg	10.0	33.33		116	55-141			
4,4'-DDE	40.7	µg/kg	10.0	33.33		122	55-143			
4,4'-DDT	37.9	µg/kg	10.0	33.33		114	50-144			
Aldrin	42.0	µg/kg	10.0	33.33		126	57-141			
alpha-BHC	39.8	µg/kg	10.0	33.33		119	58-144			
beta-BHC	39.2	µg/kg	10.0	33.33		118	55-147			
cis-Chlordane	40.4	µg/kg	10.0	33.33		121	58-142			
delta-BHC	36.9	µg/kg	10.0	33.33		111	59-142			
Dieldrin	39.0	µg/kg	10.0	33.33		117	59-142			
Endosulfan I	39.2	µg/kg	10.0	33.33		118	57-145			
Endosulfan II	39.5	µg/kg	10.0	33.33		119	58-138			
Endosulfan sulfate	37.9	µg/kg	10.0	33.33		114	54-136			
Endrin	40.5	µg/kg	10.0	33.33		122	45-150			

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2451610

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3884122

LCS		CLIENT ID: Laboratory Control Sample				Lab ID: QC-2451610-002			
Method: EPA 8081B		Dilution: 1		Analysis Date: 02/16/26 14:26		Prep Date: 02/12/26 12:38			
Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit Qual
Endrin aldehyde	40.0	µg/kg	10.0	33.33		120	41-147		
Endrin ketone	37.7	µg/kg	10.0	33.33		113	54-146		
gamma-BHC (Lindane)	39.6	µg/kg	10.0	33.33		119	58-145		
Heptachlor	40.2	µg/kg	10.0	33.33		120	51-145		
Heptachlor epoxide	40.6	µg/kg	10.0	33.33		122	59-143		
Methoxychlor	36.8	µg/kg	10.0	33.33		110	43-144		
trans-Chlordane	40.5	µg/kg	10.0	33.33		122	56-145		
Surr: Decachlorobiphenyl	36.6	µg/kg		33.33		110	51-151		
Surr: Tetrachloro-m-xylene	32.6	µg/kg		33.33		98.0	67-127		

The following samples were analyzed in this batch: HN2601979-001, HN2601979-002, HN2601979-003



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2451609

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3883984

Polychlorinated Biphenyls (PCBs) by GC/ECD

MB	CLIENT ID: Method Blank	Lab ID: QC-2451609-001
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Method: EPA 8082A **Dilution:** 1 **Analysis Date:** 02/13/26 17:02
Prep Date: 02/12/26 12:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	<22.9	µg/kg	66.7							U
Aroclor 1221	<22.9	µg/kg	66.7							U
Aroclor 1232	<22.9	µg/kg	66.7							U
Aroclor 1242	<22.9	µg/kg	66.7							U
Aroclor 1248	<22.9	µg/kg	66.7							U
Aroclor 1254	<18.6	µg/kg	66.7							U
Aroclor 1260	<18.6	µg/kg	66.7							U
Aroclor 1262	<18.6	µg/kg	66.7							U
Aroclor 1268	<18.6	µg/kg	66.7							U
Total PCB	<18.6	µg/kg	66.7							U
Surr: Decachlorobiphenyl	30.0	µg/kg		33.3		90.0	54-146			
Surr: Tetrachloro-m-xylene	32.8	µg/kg		33.3		98.6	58-140			

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2451609-002
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Method: EPA 8082A **Dilution:** 1 **Analysis Date:** 02/13/26 17:17
Prep Date: 02/12/26 12:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	846	µg/kg	66.7	833		102	71-135			
Aroclor 1260	735	µg/kg	66.7	833		88.3	67-135			
Surr: Decachlorobiphenyl	28.2	µg/kg		33.3		84.8	54-146			
Surr: Tetrachloro-m-xylene	37.4	µg/kg		33.3		112	58-140			

MS	CLIENT ID: Batch QC	Lab ID: QC-2451609-005
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Method: EPA 8082A **Dilution:** 1 **Analysis Date:** 02/13/26 22:35
Prep Date: 02/12/26 12:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	771	µg/kg	70.9	825.3	<22.6	93.4	71-135			
Aroclor 1260	724	µg/kg	70.9	825.3	<18.4	87.7	67-135			
Surr: Decachlorobiphenyl	30.1	µg/kg		32.992		91.1	54-146			
Surr: Tetrachloro-m-xylene	26.8	µg/kg		32.992		81.1	58-140			

MSD	CLIENT ID: Batch QC	Lab ID: QC-2451609-006
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Method: EPA 8082A **Dilution:** 1 **Analysis Date:** 02/13/26 22:47
Prep Date: 02/12/26 12:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	634	µg/kg	70.9	825.3	<22.9	76.8	71-135	19.6	20	
Aroclor 1260	574	µg/kg	70.9	825.3	<18.6	69.6	67-135	23.0	20	R
Surr: Decachlorobiphenyl	22.9	µg/kg		32.992		69.5	54-146	27.0	30	
Surr: Tetrachloro-m-xylene	23.9	µg/kg		32.992		72.6	58-140	11.1	30	

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2451609

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3883984

The following samples were analyzed in this batch: HN2601979-001, HN2601979-002, HN2601979-003



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2453543

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3883205

Semivolatile Organic Compounds by GC-MS

MB	CLIENT ID: Method Blank	Lab ID: QC-2453543-001
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Method: EPA 8270E**Dilution:** 1**Analysis Date:** 02/15/26 12:26**Prep Date:** 02/13/26 08:26

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.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2453543

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3883205

MB	CLIENT ID: Method Blank	Lab ID: QC-2453543-001
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Method: EPA 8270E**Dilution:** 1**Analysis Date:** 02/15/26 12:26**Prep Date:** 02/13/26 08:26

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	2660	µg/kg		3333		79.9	48-94			
Surr: 2-Fluorobiphenyl	2620	µg/kg		3333		78.5	50-103			
Surr: 2-Fluorophenol	2490	µg/kg		3333		74.7	43-105			
Surr: 4-Terphenyl-d14	2770	µg/kg		3333		83.0	55-111			
Surr: Nitrobenzene-d5	2980	µg/kg		3333		89.5	47-100			
Surr: Phenol-d6	2590	µg/kg		3333		77.8	49-110			

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2453543-002
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Method: EPA 8270E**Dilution:** 1**Analysis Date:** 02/15/26 12:54**Prep Date:** 02/13/26 08:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	1180	µg/kg	33.0	1333		88.3	57-101			
1,2,4,5-Tetrachlorobenzene	1210	µg/kg	33.0	1333		90.7	54-98			
1-Methylnaphthalene	1150	µg/kg	6.67	1333		86.0	56-100			
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1030	µg/kg	33.0	1333		77.3	50-101			
2,3,4,6-Tetrachlorophenol	1130	µg/kg	67.0	1333		84.9	48-103			

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2453543

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3883205

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2453543-002
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Method: EPA 8270E

Dilution: 1

Analysis Date: 02/15/26 12:54

Prep Date: 02/13/26 08:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	1010	µg/kg	33.0	1333		75.7	54-98			
2,4,6-Trichlorophenol	1030	µg/kg	33.0	1333		77.2	56-97			
2,4-Dichlorophenol	1070	µg/kg	33.0	1333		80.4	54-99			
2,4-Dimethylphenol	887	µg/kg	33.0	1333		66.6	47-102			
2,4-Dinitrophenol	774	µg/kg	33.0	1333		58.1	10-100			
2,4-Dinitrotoluene (2,4-DNT)	1100	µg/kg	33.0	1333		82.6	62-105			
2,6-Dinitrotoluene (2,6-DNT)	1100	µg/kg	33.0	1333		82.3	62-103			
2-Chloronaphthalene	971	µg/kg	6.67	1333		72.8	57-101			
2-Chlorophenol	1010	µg/kg	33.0	1333		75.9	52-102			
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	947	µg/kg	33.0	1333		71.1	42-104			
2-Methylnaphthalene	1130	µg/kg	6.67	1333		84.9	55-102			
2-Methylphenol (o-Cresol)	984	µg/kg	33.0	1333		73.8	54-103			
2-Nitroaniline	933	µg/kg	33.0	1333		70.0	57-103			
2-Nitrophenol	1110	µg/kg	33.0	1333		83.0	52-102			
3&4-Methylphenol	961	µg/kg	33.0	1333		72.1	56-103			
3,3'-Dichlorobenzidine	718	µg/kg	167	1333		53.9	41-91			
3-Nitroaniline	644	µg/kg	33.0	1333		48.3	35-107			
4-Bromophenyl phenyl ether (BDE-3)	1130	µg/kg	33.0	1333		84.6	63-104			
4-Chloro-3-methylphenol	1090	µg/kg	33.0	1333		82.1	57-103			
4-Chloroaniline	1150	µg/kg	67.0	1333		86.1	32-99			
4-Chlorophenyl phenylether	1140	µg/kg	33.0	1333		85.8	62-100			
4-Nitroaniline	398	µg/kg	167	1333		29.9	19-124			
4-Nitrophenol	940	µg/kg	33.0	1333		70.5	44-106			
Acenaphthene	1060	µg/kg	6.67	1333		79.3	60-101			
Acenaphthylene	1090	µg/kg	6.67	1333		81.5	59-101			
Acetophenone	1030	µg/kg	33.0	1333		77.4	54-102			
Anthracene	1100	µg/kg	6.67	1333		82.3	63-96			
Atrazine	1240	µg/kg	33.0	1333		92.9	60-110			
Benzaldehyde	135	µg/kg	67.0	1333		10.2	10-143			
Benzo(a)anthracene	1070	µg/kg	6.67	1333		80.2	66-102			
Benzo(a)pyrene	1110	µg/kg	6.67	1333		83.1	66-105			
Benzo(b)fluoranthene	1010	µg/kg	6.67	1333		76.1	67-105			
Benzo(g,h,i)perylene	1120	µg/kg	6.67	1333		84.3	59-110			
Benzo(k)fluoranthene	1120	µg/kg	6.67	1333		84.2	68-106			
bis(2-Chloroethoxy)methane	1030	µg/kg	33.0	1333		77.3	54-102			
bis(2-Chloroethyl) ether	1030	µg/kg	33.0	1333		77.1	51-101			
Butyl benzyl phthalate	1040	µg/kg	67.0	1333		78.3	59-107			
Caprolactam	911	µg/kg	33.0	1333		68.3	49-103			
Carbazole	1070	µg/kg	33.0	1333		80.3	63-103			
Chrysene	1130	µg/kg	6.67	1333		84.5	66-105			
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	1090	µg/kg	33.0	1333		81.5	63-101			
Dibenz(a,h) anthracene	1120	µg/kg	33.0	1333		84.3	61-109			
Dibenzofuran	1090	µg/kg	33.0	1333		81.7	61-101			
Diethyl phthalate	1120	µg/kg	33.0	1333		83.7	63-105			



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2453543

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3883205

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2453543-002
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Method: EPA 8270E

Dilution: 1

Analysis Date: 02/15/26 12:54

Prep Date: 02/13/26 08:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Dimethyl phthalate	1090	µg/kg	33.0	1333		81.9	64-104			
Fluoranthene	1120	µg/kg	6.67	1333		83.9	66-105			
Fluorene	1090	µg/kg	6.67	1333		82.0	62-101			
Hexachlorobenzene	1150	µg/kg	33.0	1333		86.0	61-104			
Hexachlorobutadiene	1210	µg/kg	33.0	1333		90.4	52-99			
Hexachlorocyclopentadiene	904	µg/kg	33.0	1333		67.8	39-106			
Hexachloroethane	1040	µg/kg	33.0	1333		77.9	59-99			
Indeno(1,2,3-cd) pyrene	1200	µg/kg	6.67	1333		89.7	57-114			
Isophorone	1130	µg/kg	167	1333		84.5	55-101			
Methylphenol, Total	1940	µg/kg	67.0	2667		72.9	54-103			
Naphthalene	1110	µg/kg	6.67	1333		83.2	54-99			
Nitrobenzene	1130	µg/kg	167	1333		85.1	53-100			
n-Nitrosodi-n-propylamine	1030	µg/kg	33.0	1333		77.2	52-104			
N-Nitrosodiphenylamine	1040	µg/kg	33.0	1333		78.0	61-104			
Pentachlorophenol	864	µg/kg	33.0	1333		64.8	35-100			
Phenanthrene	1070	µg/kg	6.67	1333		80.6	64-101			
Phenol	1020	µg/kg	33.0	1333		76.6	51-107			
Pyrene	1090	µg/kg	6.67	1333		82.1	62-114			
Pyridine	777	µg/kg	167	1333		58.3	40-84			
Surr: 2,4,6-Tribromophenol	2880	µg/kg		3333		86.3	48-94			
Surr: 2-Fluorobiphenyl	2590	µg/kg		3333		77.7	50-103			
Surr: 2-Fluorophenol	2460	µg/kg		3333		73.9	43-105			
Surr: 4-Terphenyl-d14	2660	µg/kg		3333		79.7	55-111			
Surr: Nitrobenzene-d5	3090	µg/kg		3333		92.6	47-100			
Surr: Phenol-d6	2640	µg/kg		3333		79.1	49-110			

MS	CLIENT ID: Batch QC	Lab ID: QC-2453543-005
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Method: EPA 8270E

Dilution: 1

Analysis Date: 02/15/26 13:23

Prep Date: 02/13/26 08:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	1170	µg/kg	35.9	1328.6	<5.39	88.4	57-101			
1,2,4,5-Tetrachlorobenzene	1210	µg/kg	362	1328.6	<7.66	91.4	54-98			
1-Methylnaphthalene	1130	µg/kg	7.25	1328.6	<4.78	85.3	56-100			
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1040	µg/kg	35.9	1328.6	<7.78	78.3	50-101			
2,3,4,6-Tetrachlorophenol	1160	µg/kg	72.5	1328.6	<24.3	87.5	48-103			
2,4,5-Trichlorophenol	1120	µg/kg	35.9	1328.6	<19.7	84.0	54-98			
2,4,6-Trichlorophenol	1100	µg/kg	35.9	1328.6	<8.84	82.9	56-97			
2,4-Dichlorophenol	1110	µg/kg	35.9	1328.6	<17.9	83.6	54-99			
2,4-Dimethylphenol	777	µg/kg	35.9	1328.6	<17.1	58.5	47-102			
2,4-Dinitrophenol	369	µg/kg	362	1328.6	<243	27.8	10-100			
2,4-Dinitrotoluene (2,4-DNT)	1070	µg/kg	35.9	1328.6	<21.6	80.9	62-105			
2,6-Dinitrotoluene (2,6-DNT)	1100	µg/kg	35.9	1328.6	<8.48	82.7	62-103			
2-Chloronaphthalene	990	µg/kg	7.25	1328.6	<4.64	74.5	57-101			

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2453543

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3883205

MS	CLIENT ID: Batch QC	Lab ID: QC-2453543-005
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Method: EPA 8270E

Dilution: 1

Analysis Date: 02/15/26 13:23

Prep Date: 02/13/26 08:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2-Chlorophenol	1020	µg/kg	35.9	1328.6	<21.7	76.4	52-102			
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	892	µg/kg	35.9	1328.6	<27.7	67.2	42-104			
2-Methylnaphthalene	1120	µg/kg	7.25	1328.6	<3.38	84.6	55-102			
2-Methylphenol (o-Cresol)	959	µg/kg	35.9	1328.6	<8.98	72.2	54-103			
2-Nitroaniline	942	µg/kg	35.9	1328.6	<18.4	70.9	57-103			
2-Nitrophenol	1150	µg/kg	35.9	1328.6	<9.47	86.7	52-102			
3&4-Methylphenol	955	µg/kg	35.9	1328.6	<18.1	71.9	56-103			
3,3'-Dichlorobenzidine	600	µg/kg	181	1328.6	<15.5	45.2	41-91			
3-Nitroaniline	690	µg/kg	35.9	1328.6	<19.3	51.9	35-107			
4-Bromophenyl phenyl ether (BDE-3)	1180	µg/kg	35.9	1328.6	<18.2	88.5	63-104			
4-Chloro-3-methylphenol	1100	µg/kg	35.9	1328.6	<9.47	82.8	57-103			
4-Chloroaniline	1040	µg/kg	72.5	1328.6	<16.9	78.0	32-99			
4-Chlorophenyl phenylether	1150	µg/kg	35.9	1328.6	<9.18	86.5	62-100			
4-Nitroaniline	385	µg/kg	181	1328.6	<51.5	29.0	19-124			
4-Nitrophenol	998	µg/kg	362	1328.6	<77.8	75.1	44-106			
Acenaphthene	1080	µg/kg	7.25	1328.6	<4.80	81.5	60-101			
Acenaphthylene	1090	µg/kg	7.25	1328.6	<5.76	82.1	59-101			
Acetophenone	1030	µg/kg	35.9	1328.6	<5.20	77.8	54-102			
Anthracene	1120	µg/kg	7.25	1328.6	<4.68	84.2	63-96			
Atrazine	1200	µg/kg	35.9	1328.6	<19.5	90.4	60-110			
Benzaldehyde	338	µg/kg	72.5	1328.6	<51.0	25.4	10-143			
Benzo(a)anthracene	1090	µg/kg	7.25	1328.6	14.5	80.8	66-102			
Benzo(a)pyrene	1130	µg/kg	7.25	1328.6	18.2	83.8	66-105			
Benzo(b)fluoranthene	1030	µg/kg	7.25	1328.6	26.2	75.7	67-105			
Benzo(g,h,i)perylene	1130	µg/kg	7.25	1328.6	18.9	84.0	59-110			
Benzo(k)fluoranthene	1150	µg/kg	7.25	1328.6	7.26	85.9	68-106			
bis(2-Chloroethoxy)methane	1040	µg/kg	35.9	1328.6	<21.0	78.3	54-102			
bis(2-Chloroethyl) ether	1010	µg/kg	35.9	1328.6	<9.41	76.4	51-101			
Butyl benzyl phthalate	1080	µg/kg	72.5	1328.6	<41.6	81.1	59-107			
Caprolactam	908	µg/kg	35.9	1328.6	<30.0	68.4	49-103			
Carbazole	1070	µg/kg	35.9	1328.6	<9.79	80.8	63-103			
Chrysene	1130	µg/kg	7.25	1328.6	15.3	84.3	66-105			
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	1140	µg/kg	35.9	1328.6	45.0	82.4	63-101			
Dibenz(a,h) anthracene	1120	µg/kg	35.9	1328.6	5.09	84.1	61-109			
Dibenzofuran	1100	µg/kg	35.9	1328.6	<4.88	82.8	61-101			
Diethyl phthalate	1090	µg/kg	35.9	1328.6	<11.3	82.3	63-105			
Dimethyl phthalate	1090	µg/kg	35.9	1328.6	<6.48	81.9	64-104			
Fluoranthene	1120	µg/kg	7.25	1328.6	26.2	82.8	66-105			
Fluorene	1100	µg/kg	7.25	1328.6	<4.82	82.6	62-101			
Hexachlorobenzene	1170	µg/kg	35.9	1328.6	<9.67	87.9	61-104			
Hexachlorobutadiene	1220	µg/kg	35.9	1328.6	<7.83	91.7	52-99			
Hexachlorocyclopentadiene	861	µg/kg	35.9	1328.6	<32.5	64.8	39-106			
Hexachloroethane	1040	µg/kg	35.9	1328.6	<13.8	78.0	59-99			
Indeno(1,2,3-cd) pyrene	1190	µg/kg	7.25	1328.6	20.3	88.2	57-114			

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2453543

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3883205

MS		CLIENT ID: Batch QC				Lab ID: QC-2453543-005				
Method: EPA 8270E		Dilution: 1				Analysis Date: 02/15/26 13:23				
						Prep Date: 02/13/26 08:26				
Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	Limit	Qual
Isophorone	1110	µg/kg	181	1328.6	<6.49	83.7	55-101			
Methylphenol, Total	1910	µg/kg	35.9	2658.1	<8.98	72.0	54-103			
Naphthalene	1120	µg/kg	7.25	1328.6	<4.25	84.3	54-99			
Nitrobenzene	1130	µg/kg	181	1328.6	<11.2	85.4	53-100			
n-Nitrosodi-n-propylamine	1030	µg/kg	35.9	1328.6	<5.48	77.2	52-104			
N-Nitrosodiphenylamine	1090	µg/kg	35.9	1328.6	<19.2	82.1	61-104			
Pentachlorophenol	889	µg/kg	35.9	1328.6	<26.4	66.9	35-100			
Phenanthrene	1100	µg/kg	7.25	1328.6	9.44	82.1	64-101			
Phenol	1020	µg/kg	35.9	1328.6	<16.7	76.6	51-107			
Pyrene	1150	µg/kg	7.25	1328.6	24.0	85.1	52-114			
Pyridine	955	µg/kg	181	1328.6	<65.4	71.9	40-84			
Surr: 2,4,6-Tribromophenol	2970	µg/kg		3321.9		89.5	48-94			
Surr: 2-Fluorobiphenyl	2600	µg/kg		3321.9		78.3	50-103			
Surr: 2-Fluorophenol	2440	µg/kg		3321.9		73.4	43-105			
Surr: 4-Terphenyl-d14	2670	µg/kg		3321.9		80.2	55-111			
Surr: Nitrobenzene-d5	3000	µg/kg		3321.9		90.3	47-100			
Surr: Phenol-d6	2590	µg/kg		3321.9		78.0	49-110			

MSD		CLIENT ID: Batch QC				Lab ID: QC-2453543-006				
Method: EPA 8270E		Dilution: 1				Analysis Date: 02/15/26 13:51				
						Prep Date: 02/13/26 08:26				
Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	Limit	Qual
1,1'-Biphenyl (BZ-0)	1110	µg/kg	35.8	1327.7	<5.41	83.8	57-101	5.35	30	
1,2,4,5-Tetrachlorobenzene	1150	µg/kg	362	1327.7	<7.69	86.6	54-98	5.46	30	
1-Methylnaphthalene	1090	µg/kg	7.24	1327.7	<4.80	81.8	56-100	4.26	30	
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	975	µg/kg	35.8	1327.7	<7.81	73.4	50-101	6.53	30	
2,3,4,6-Tetrachlorophenol	1130	µg/kg	72.4	1327.7	<24.4	85.1	48-103	2.85	30	
2,4,5-Trichlorophenol	1070	µg/kg	35.8	1327.7	<19.8	80.5	54-98	4.38	30	
2,4,6-Trichlorophenol	1040	µg/kg	35.8	1327.7	<8.87	78.5	56-97	5.52	30	
2,4-Dichlorophenol	1060	µg/kg	35.8	1327.7	<17.9	79.9	54-99	4.53	30	
2,4-Dimethylphenol	365	µg/kg	35.8	1327.7	<17.1	27.5	47-102	72.2	30	RS
2,4-Dinitrophenol	<244	µg/kg	362	1327.7	<244	27.0	10-100	NC		U
2,4-Dinitrotoluene (2,4-DNT)	1030	µg/kg	35.8	1327.7	<21.6	77.3	62-105	4.56	30	
2,6-Dinitrotoluene (2,6-DNT)	1030	µg/kg	35.8	1327.7	<8.51	77.6	62-103	6.43	30	
2-Chloronaphthalene	956	µg/kg	7.24	1327.7	<4.66	72.0	57-101	3.48	30	
2-Chlorophenol	956	µg/kg	35.8	1327.7	<21.8	72.0	52-102	6.07	30	
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	776	µg/kg	35.8	1327.7	<27.8	58.4	42-104	14.0	30	
2-Methylnaphthalene	1080	µg/kg	7.24	1327.7	<3.39	81.5	55-102	3.80	30	
2-Methylphenol (o-Cresol)	838	µg/kg	35.8	1327.7	<9.01	63.1	54-103	13.5	30	
2-Nitroaniline	894	µg/kg	35.8	1327.7	<18.5	67.4	57-103	5.13	30	
2-Nitrophenol	1090	µg/kg	35.8	1327.7	<9.50	82.3	52-102	5.27	30	
3&4-Methylphenol	854	µg/kg	35.8	1327.7	<18.2	64.3	56-103	11.2	30	
3,3'-Dichlorobenzidine	667	µg/kg	181	1327.7	<15.6	50.2	41-91	10.5	30	

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2453543

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3883205

MSD	CLIENT ID: Batch QC	Lab ID: QC-2453543-006
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Method: EPA 8270E

Dilution: 1

Analysis Date: 02/15/26 13:51

Prep Date: 02/13/26 08:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
3-Nitroaniline	509	µg/kg	35.8	1327.7	<19.4	38.3	35-107	30.2	30	R
4-Bromophenyl phenyl ether (BDE-3)	1110	µg/kg	35.8	1327.7	<18.3	83.9	63-104	5.40	30	
4-Chloro-3-methylphenol	1030	µg/kg	35.8	1327.7	<9.50	77.4	57-103	6.75	30	
4-Chloroaniline	956	µg/kg	72.4	1327.7	<16.9	72.0	32-99	8.07	30	
4-Chlorophenyl phenylether	1100	µg/kg	35.8	1327.7	<9.21	82.5	62-100	4.80	30	
4-Nitroaniline	260	µg/kg	181	1327.7	<51.7	19.6	19-124	38.6	30	R
4-Nitrophenol	954	µg/kg	362	1327.7	<78.1	71.8	44-106	4.56	30	
Acenaphthene	1030	µg/kg	7.24	1327.7	<4.82	77.4	60-101	5.29	30	
Acenaphthylene	1050	µg/kg	7.24	1327.7	<5.78	79.4	59-101	3.41	30	
Acetophenone	979	µg/kg	35.8	1327.7	<5.22	73.7	54-102	5.41	30	
Anthracene	1060	µg/kg	7.24	1327.7	<4.70	79.9	63-96	5.31	30	
Atrazine	1170	µg/kg	35.8	1327.7	<19.5	87.9	60-110	2.82	30	
Benzaldehyde	117	µg/kg	72.4	1327.7	<51.2	8.80	10-143	97.1	30	RS
Benzo(a)anthracene	1050	µg/kg	7.24	1327.7	14.5	78.4	66-102	3.05	30	
Benzo(a)pyrene	1080	µg/kg	7.24	1327.7	18.2	80.2	66-105	4.39	30	
Benzo(b)fluoranthene	997	µg/kg	7.24	1327.7	26.2	73.3	67-105	3.28	30	
Benzo(g,h,i)perylene	1090	µg/kg	7.24	1327.7	18.9	80.6	59-110	4.07	30	
Benzo(k)fluoranthene	1100	µg/kg	7.24	1327.7	7.26	82.5	68-106	4.02	30	
bis(2-Chloroethoxy)methane	975	µg/kg	35.8	1327.7	<21.1	73.4	54-102	6.53	30	
bis(2-Chloroethyl) ether	975	µg/kg	35.8	1327.7	<9.44	73.4	51-101	4.01	30	
Butyl benzyl phthalate	1040	µg/kg	72.4	1327.7	<41.7	78.1	59-107	3.90	30	
Caprolactam	864	µg/kg	35.8	1327.7	<30.1	65.1	49-103	5.01	30	
Carbazole	1030	µg/kg	35.8	1327.7	<9.82	77.7	63-103	3.92	30	
Chrysene	1110	µg/kg	7.24	1327.7	15.3	82.4	66-105	2.32	30	
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	1090	µg/kg	35.8	1327.7	45.0	78.9	63-101	4.31	30	
Dibenz(a,h) anthracene	1070	µg/kg	35.8	1327.7	5.09	80.2	61-109	4.79	30	
Dibenzofuran	1060	µg/kg	35.8	1327.7	<4.90	79.5	61-101	4.14	30	
Diethyl phthalate	1060	µg/kg	35.8	1327.7	<11.3	79.6	63-105	3.40	30	
Dimethyl phthalate	1030	µg/kg	35.8	1327.7	<6.50	77.7	64-104	5.39	30	
Fluoranthene	1090	µg/kg	7.24	1327.7	26.2	80.3	66-105	3.07	30	
Fluorene	1070	µg/kg	7.24	1327.7	<4.84	80.2	62-101	2.95	30	
Hexachlorobenzene	1130	µg/kg	35.8	1327.7	<9.70	85.0	61-104	3.48	30	
Hexachlorobutadiene	1160	µg/kg	35.8	1327.7	<7.85	87.2	52-99	5.10	30	
Hexachlorocyclopentadiene	755	µg/kg	35.8	1327.7	<32.6	56.9	39-106	13.1	30	
Hexachloroethane	971	µg/kg	35.8	1327.7	<13.8	73.2	59-99	6.48	30	
Indeno(1,2,3-cd) pyrene	1130	µg/kg	7.24	1327.7	20.3	84.0	57-114	4.81	30	
Isophorone	1050	µg/kg	181	1327.7	<6.51	79.0	55-101	5.84	30	
Methylphenol, Total	1690	µg/kg	67.0	2656.4	<9.01	63.7	54-103	12.3	30	
Naphthalene	1060	µg/kg	7.24	1327.7	<4.26	80.1	54-99	5.12	30	
Nitrobenzene	1070	µg/kg	181	1327.7	<11.2	80.6	53-100	5.85	30	
n-Nitrosodi-n-propylamine	971	µg/kg	35.8	1327.7	<5.50	73.2	52-104	5.39	30	
N-Nitrosodiphenylamine	1020	µg/kg	35.8	1327.7	<19.3	77.1	61-104	6.41	30	
Pentachlorophenol	837	µg/kg	35.8	1327.7	<26.5	63.0	35-100	6.07	30	
Phenanthrene	1060	µg/kg	7.24	1327.7	9.44	79.1	64-101	3.70	30	
Phenol	916	µg/kg	35.8	1327.7	<16.7	69.0	51-107	10.6	30	

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2453543

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3883205

MSD	CLIENT ID: Batch QC	Lab ID: QC-2453543-006
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Method: EPA 8270E

Dilution: 1

Analysis Date: 02/15/26 13:51

Prep Date: 02/13/26 08:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Pyrene	1110	µg/kg	7.24	1327.7	24.0	82.1	52-114	3.65	30	
Pyridine	853	µg/kg	181	1327.7	<65.6	64.3	40-84	11.2	30	
Surr: 2,4,6-Tribromophenol	2820	µg/kg		3319.7		84.8	48-94	5.41	30	
Surr: 2-Fluorobiphenyl	2450	µg/kg		3319.7		73.8	50-103	5.96	30	
Surr: 2-Fluorophenol	2220	µg/kg		3319.7		66.9	43-105	9.28	30	
Surr: 4-Terphenyl-d14	2580	µg/kg		3319.7		77.6	55-111	3.36	30	
Surr: Nitrobenzene-d5	2840	µg/kg		3319.7		85.6	47-100	5.45	30	
Surr: Phenol-d6	2390	µg/kg		3319.7		72.0	49-110	7.96	30	

The following samples were analyzed in this batch: HN2601979-001, HN2601979-002, HN2601979-003



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2450698

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3880058

Volatile Organic Compounds by GC-MS

MB	CLIENT ID: Method Blank	Lab ID: QC-2450698-001
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Method: EPA 8260D

Dilution: 1

Analysis Date: 02/12/26 12:52

Prep Date: 02/11/26 14:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<13.6	µg/kg	30.0							U
1,1,2,2-Tetrachloroethane	<13.2	µg/kg	30.0							U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<19.0	µg/kg	30.0							U
1,1,2-Trichloroethane	<12.8	µg/kg	30.0							U
1,1-Dichloroethane	<10.9	µg/kg	30.0							U
1,1-Dichloroethylene	<9.72	µg/kg	30.0							U
1,2,3-Trichlorobenzene	<36.0	µg/kg	100							U
1,2,3-Trichloropropane	<12.6	µg/kg	30.0							U
1,2,4-Trichlorobenzene	<34.0	µg/kg	100							U
1,2,4-Trimethylbenzene	<22.0	µg/kg	30.0							U
1,2-Dibromo-3-chloropropane (DBCP)	<27.6	µg/kg	100							U
1,2-Dibromoethane (EDB, Ethylene dibromide)	<17.6	µg/kg	30.0							U
1,2-Dichlorobenzene (o-Dichlorobenzene)	<11.4	µg/kg	30.0							U
1,2-Dichloroethane (Ethylene dichloride)	<26.3	µg/kg	100							U
1,2-Dichloropropane	<22.1	µg/kg	30.0							U
1,3,5-Trimethylbenzene	<21.2	µg/kg	100							U
1,3-Dichlorobenzene (m-Dichlorobenzene)	<20.7	µg/kg	30.0							U
1,3-Dichloropropene	<16.8	µg/kg	60.0							U
1,4-Dichlorobenzene (p-Dichlorobenzene)	<24.4	µg/kg	30.0							U
2-Butanone (Methyl ethyl ketone, MEK)	420	µg/kg	200							B
2-Hexanone	<14.9	µg/kg	30.0							U
4-Methyl-2-pentanone (MIBK)	<28.0	µg/kg	30.0							U
Acetone	<89.0	µg/kg	100							U
Benzene	<14.5	µg/kg	30.0							U
Bromochloromethane	<15.3	µg/kg	30.0							U
Bromodichloromethane	<16.8	µg/kg	30.0							U
Bromoform	<12.6	µg/kg	30.0							U
Carbon disulfide	<15.5	µg/kg	30.0							U
Carbon tetrachloride	<11.7	µg/kg	30.0							U
Chlorobenzene	<9.96	µg/kg	30.0							U
Chlorodibromomethane	<16.8	µg/kg	30.0							U
Chloroethane (Ethyl chloride)	<84.0	µg/kg	100							U
Chloroform	<11.0	µg/kg	30.0							U
cis-1,2-Dichloroethylene	<19.3	µg/kg	30.0							U
cis-1,3-Dichloropropene	<22.6	µg/kg	30.0							U
Cyclohexane	<23.0	µg/kg	100							U
Dichlorodifluoromethane (Freon-12)	<36.3	µg/kg	100							U
Ethylbenzene	<21.3	µg/kg	30.0							U

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2450698

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3880058

MB	CLIENT ID: Method Blank	Lab ID: QC-2450698-001
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Method: EPA 8260D

Dilution: 1

Analysis Date: 02/12/26 12:52

Prep Date: 02/11/26 14:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Isopropylbenzene	<19.0	µg/kg	30.0							U
m+p-Xylene	<40.0	µg/kg	60.0							U
Methyl acetate	<35.9	µg/kg	250							U
Methyl bromide (Bromomethane)	<57.4	µg/kg	100							U
Methyl chloride (Chloromethane)	<82.0	µg/kg	100							U
Methyl tert-butyl ether (MTBE)	<21.9	µg/kg	30.0							U
Methylcyclohexane	<11.4	µg/kg	30.0							U
Methylene chloride (Dichloromethane)	<79.6	µg/kg	250							U
o-Xylene	<11.6	µg/kg	30.0							U
Styrene	<11.9	µg/kg	30.0							U
Tetrachloroethylene (Perchloroethylene)	<18.1	µg/kg	30.0							U
Toluene	<24.7	µg/kg	30.0							U
Total Xylene	<11.6	µg/kg	90.0							U
trans-1,2-Dichloroethylene	<24.8	µg/kg	30.0							U
trans-1,3-Dichloropropylene	<16.8	µg/kg	30.0							U
Trichloroethene (Trichloroethylene)	<13.4	µg/kg	30.0							U
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	<15.3	µg/kg	30.0							U
Vinyl chloride (Chloroethene)	<19.9	µg/kg	30.0							U
Surr: 1,2-Dichloroethane-d4	978	µg/kg		1000		97.8	80-120			
Surr: 4-Bromofluorobenzene	993	µg/kg		1000		99.3	80-120			
Surr: Dibromofluoromethane	1040	µg/kg		1000		104	72-120			
Surr: Toluene-d8	1030	µg/kg		1000		103	80-120			

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2450698-002
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Method: EPA 8260D

Dilution: 1

Analysis Date: 02/12/26 11:54

Prep Date: 02/11/26 14:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	942	µg/kg	30.0	1000		94.2	75-121			
1,1,2,2-Tetrachloroethane	1040	µg/kg	30.0	1000		104	79-125			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1150	µg/kg	30.0	1000		115	62-129			
1,1,2-Trichloroethane	1050	µg/kg	30.0	1000		105	80-123			
1,1-Dichloroethane	1030	µg/kg	30.0	1000		103	74-124			
1,1-Dichloroethylene	1170	µg/kg	30.0	1000		117	68-131			
1,2,3-Trichlorobenzene	975	µg/kg	100	1000		97.5	60-135			
1,2,3-Trichloropropane	1020	µg/kg	30.0	1000		102	77-121			
1,2,4-Trichlorobenzene	957	µg/kg	100	1000		95.7	63-130			
1,2,4-Trimethylbenzene	1010	µg/kg	30.0	1000		101	64-126			
1,2-Dibromo-3-chloropropane (DBCP)	928	µg/kg	100	1000		92.8	55-135			
1,2-Dibromoethane (EDB, Ethylene dibromide)	1070	µg/kg	30.0	1000		107	63-155			
1,2-Dichlorobenzene (o-Dichlorobenzene)	1060	µg/kg	30.0	1000		106	77-122			

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2450698

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3880058

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2450698-002
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Method: EPA 8260D

Dilution: 1

Analysis Date: 02/12/26 11:54

Prep Date: 02/11/26 14:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,2-Dichloroethane (Ethylene dichloride)	924	µg/kg	100	1000		92.4	70-130			
1,2-Dichloropropane	978	µg/kg	30.0	1000		97.8	71-130			
1,3,5-Trimethylbenzene	1020	µg/kg	100	1000		102	66-130			
1,3-Dichlorobenzene (m-Dichlorobenzene)	992	µg/kg	30.0	1000		99.2	78-121			
1,3-Dichloropropene	1990	µg/kg	60.0	2000		99.4	62-124			
1,4-Dichlorobenzene (p-Dichlorobenzene)	1040	µg/kg	30.0	1000		104	78-122			
2-Butanone (Methyl ethyl ketone, MEK)	1190	µg/kg	200	1000		119	47-164			
2-Hexanone	1030	µg/kg	30.0	1000		103	70-137			
4-Methyl-2-pentanone (MIBK)	1780	µg/kg	30.0	1000		178	57-200			
Acetone	1060	µg/kg	100	1000		106	52-190			
Benzene	998	µg/kg	30.0	1000		99.8	78-122			
Bromochloromethane	1150	µg/kg	30.0	1000		115	68-130			
Bromodichloromethane	952	µg/kg	30.0	1000		95.2	75-125			
Bromoform	983	µg/kg	30.0	1000		98.3	59-120			
Carbon disulfide	1190	µg/kg	30.0	1000		119	60-163			
Carbon tetrachloride	918	µg/kg	30.0	1000		91.8	69-123			
Chlorobenzene	993	µg/kg	30.0	1000		99.3	79-120			
Chlorodibromomethane	987	µg/kg	30.0	1000		98.7	57-123			
Chloroethane (Ethyl chloride)	1180	µg/kg	100	1000		118	38-132			
Chloroform	983	µg/kg	30.0	1000		98.3	72-122			
cis-1,2-Dichloroethylene	1070	µg/kg	30.0	1000		107	74-125			
cis-1,3-Dichloropropene	978	µg/kg	30.0	1000		97.8	62-124			
Dichlorodifluoromethane (Freon-12)	950	µg/kg	100	1000		95.0	28-137			
Ethylbenzene	1080	µg/kg	30.0	1000		108	75-121			
Isopropylbenzene	1020	µg/kg	30.0	1000		102	74-121			
m+p-Xylene	2160	µg/kg	60.0	2000		108	67-129			
Methyl acetate	1060	µg/kg	250	1000		106	61-125			
Methyl bromide (Bromomethane)	848	µg/kg	100	1000		84.8	31-169			
Methyl chloride (Chloromethane)	1230	µg/kg	100	1000		123	24-119			S
Methyl tert-butyl ether (MTBE)	1010	µg/kg	30.0	1000		101	79-139			
Methylene chloride (Dichloromethane)	1140	µg/kg	250	1000		114	62-135			
o-Xylene	1060	µg/kg	30.0	1000		106	75-120			
Styrene	1060	µg/kg	30.0	1000		106	74-126			
Tetrachloroethylene (Perchloroethylene)	1300	µg/kg	30.0	1000		130	76-128			S
Toluene	1070	µg/kg	30.0	1000		107	76-120			
Total Xylene	3220	µg/kg	90.0	3000		107	67-129			
trans-1,2-Dichloroethylene	1140	µg/kg	30.0	1000		114	72-127			
trans-1,3-Dichloropropylene	1010	µg/kg	30.0	1000		101	66-120			
Trichloroethene (Trichloroethylene)	960	µg/kg	30.0	1000		96.0	75-122			
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	1050	µg/kg	30.0	1000		105	51-115			
Vinyl chloride (Chloroethene)	1100	µg/kg	30.0	1000		110	43-128			

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2450698

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3880058

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2450698-002
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Method: EPA 8260D

Dilution: 1

Analysis Date: 02/12/26 11:54

Prep Date: 02/11/26 14:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	1000	µg/kg		1000		100	80-120			
Surr: 4-Bromofluorobenzene	1020	µg/kg		1000		102	80-120			
Surr: Dibromofluoromethane	1010	µg/kg		1000		101	72-120			
Surr: Toluene-d8	1080	µg/kg		1000		108	80-120			

MS	CLIENT ID: Batch QC	Lab ID: QC-2450698-005
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Method: EPA 8260D

Dilution: 1

Analysis Date: 02/12/26 19:59

Prep Date: 02/11/26 14:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	992	µg/kg	38.4	1002	<13.6	99.0	75-121			
1,1,2,2-Tetrachloroethane	846	µg/kg	38.4	1002	<13.3	84.4	79-125			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1160	µg/kg	38.4	1002	<19.0	116	62-129			
1,1,2-Trichloroethane	1000	µg/kg	38.4	1002	<12.8	99.9	80-123			
1,1-Dichloroethane	1090	µg/kg	38.4	1002	<11.0	108	74-124			
1,1-Dichloroethylene	1230	µg/kg	38.4	1002	<9.74	123	68-131			
1,2,3-Trichlorobenzene	904	µg/kg	128	1002	<36.1	90.2	60-135			
1,2,3-Trichloropropane	933	µg/kg	38.4	1002	<12.6	93.2	77-121			
1,2,4-Trichlorobenzene	897	µg/kg	128	1002	<34.1	89.6	63-130			
1,2,4-Trimethylbenzene	973	µg/kg	38.4	1002	<22.0	97.1	64-126			
1,2-Dibromo-3-chloropropane (DBCP)	857	µg/kg	128	1002	<27.7	85.6	55-135			
1,2-Dibromoethane (EDB, Ethylene dibromide)	1020	µg/kg	38.4	1002	<17.7	101	63-155			
1,2-Dichlorobenzene (o-Dichlorobenzene)	1030	µg/kg	38.4	1002	<11.4	103	77-122			
1,2-Dichloroethane (Ethylene dichloride)	934	µg/kg	128	1002	<26.4	93.2	70-130			
1,2-Dichloropropane	1060	µg/kg	38.4	1002	<22.2	106	71-130			
1,3,5-Trimethylbenzene	995	µg/kg	128	1002	<21.2	99.3	66-130			
1,3-Dichlorobenzene (m-Dichlorobenzene)	975	µg/kg	38.4	1002	<20.8	97.3	78-121			
1,3-Dichloropropene	1860	µg/kg	76.9	2004	<16.8	92.8	62-124			
1,4-Dichlorobenzene (p-Dichlorobenzene)	1010	µg/kg	38.4	1002	<24.4	101	78-122			
2-Butanone (Methyl ethyl ketone, MEK)	1110	µg/kg	256	1002	<71.6	111	47-164			
2-Hexanone	1230	µg/kg	38.4	1002	<14.9	123	70-137			
4-Methyl-2-pentanone (MIBK)	1600	µg/kg	38.4	1002	<28.0	160	57-200			
Acetone	2020	µg/kg	128	1002	<89.2	201	52-190			
Benzene	1040	µg/kg	38.4	1002	<14.6	104	78-122			
Bromochloromethane	1210	µg/kg	38.4	1002	<15.3	121	68-130			
Bromodichloromethane	948	µg/kg	38.4	1002	<16.8	94.6	75-125			
Bromoform	930	µg/kg	38.4	1002	<12.7	92.8	59-120			
Carbon disulfide	1220	µg/kg	38.4	1002	<15.6	122	60-163			
Carbon tetrachloride	947	µg/kg	38.4	1002	<11.8	94.5	69-123			
Chlorobenzene	976	µg/kg	38.4	1002	<9.98	97.4	79-120			

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QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2450698

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3880058

MS	CLIENT ID: Batch QC	Lab ID: QC-2450698-005
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Method: EPA 8260D**Dilution:** 1**Analysis Date:** 02/12/26 19:59**Prep Date:** 02/11/26 14:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chlorodibromomethane	948	µg/kg	38.4	1002	<16.9	94.6	57-123			
Chloroethane (Ethyl chloride)	849	µg/kg	128	1002	<84.2	84.7	38-132			
Chloroform	1040	µg/kg	38.4	1002	<11.0	104	72-122			
cis-1,2-Dichloroethylene	1090	µg/kg	38.4	1002	<19.3	109	74-125			
cis-1,3-Dichloropropene	962	µg/kg	38.4	1002	<22.6	96.0	62-124			
Dichlorodifluoromethane (Freon-12)	1030	µg/kg	128	1002	<36.4	102	28-137			
Ethylbenzene	1050	µg/kg	38.4	1002	<21.3	105	75-121			
Isopropylbenzene	1010	µg/kg	38.4	1002	<19.0	101	74-121			
m+p-Xylene	2090	µg/kg	76.9	2004	<40.1	104	67-129			
Methyl acetate	1240	µg/kg	320	1002	<36.0	124	61-125			
Methyl bromide (Bromomethane)	600	µg/kg	128	1002	<57.5	59.9	31-169			
Methyl chloride (Chloromethane)	1270	µg/kg	128	1002	<82.2	127	24-119			S
Methyl tert-butyl ether (MTBE)	1020	µg/kg	38.4	1002	<21.9	102	79-139			
Methylene chloride (Dichloromethane)	817	µg/kg	320	1002	<79.8	81.6	62-135			
o-Xylene	1030	µg/kg	38.4	1002	<11.6	103	75-120			
Styrene	1030	µg/kg	38.4	1002	<11.9	103	74-126			
Tetrachloroethylene (Perchloroethylene)	1850	µg/kg	38.4	1002	<18.1	184	76-128			S
Toluene	1040	µg/kg	38.4	1002	<24.8	104	76-120			
Total Xylene	3120	µg/kg	115	3006	<11.6	104	67-129			
trans-1,2-Dichloroethylene	1180	µg/kg	38.4	1002	<24.8	118	72-127			
trans-1,3-Dichloropropylene	898	µg/kg	38.4	1002	<16.8	89.6	66-120			
Trichloroethene (Trichloroethylene)	1100	µg/kg	38.4	1002	<13.5	110	75-122			
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	1010	µg/kg	38.4	1002	<15.4	101	51-115			
Vinyl chloride (Chloroethene)	1260	µg/kg	38.4	1002	<20.0	125	43-128			
Surr: 1,2-Dichloroethane-d4	1010	µg/kg		1002		101	80-120			
Surr: 4-Bromofluorobenzene	1030	µg/kg		1002		102	80-120			
Surr: Dibromofluoromethane	999	µg/kg		1002		99.7	72-120			
Surr: Toluene-d8	1040	µg/kg		1002		104	80-120			

MSD	CLIENT ID: Batch QC	Lab ID: QC-2450698-006
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Method: EPA 8260D**Dilution:** 1**Analysis Date:** 02/12/26 20:17**Prep Date:** 02/11/26 14:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	998	µg/kg	38.4	1002	<13.6	99.6	75-121	0.604	30	
1,1,2,2-Tetrachloroethane	846	µg/kg	38.4	1002	<13.3	84.4	79-125	0.00	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1210	µg/kg	38.4	1002	<19.0	120	62-129	3.85	30	
1,1,2-Trichloroethane	1060	µg/kg	38.4	1002	<12.8	106	80-123	5.45	30	
1,1-Dichloroethane	1100	µg/kg	38.4	1002	<11.0	110	74-124	1.15	30	
1,1-Dichloroethylene	1320	µg/kg	38.4	1002	<9.74	131	68-131	6.97	30	
1,2,3-Trichlorobenzene	897	µg/kg	128	1002	<36.1	89.5	60-135	0.834	30	
1,2,3-Trichloropropane	955	µg/kg	38.4	1002	<12.6	95.3	77-121	2.28	30	
1,2,4-Trichlorobenzene	879	µg/kg	128	1002	<34.1	87.8	63-130	2.03	30	

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2450698

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3880058

MSD	CLIENT ID: Batch QC	Lab ID: QC-2450698-006
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Method: EPA 8260D

Dilution: 1

Analysis Date: 02/12/26 20:17

Prep Date: 02/11/26 14:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	1010	µg/kg	38.4	1002	<22.0	101	64-126	4.14	30	
1,2-Dibromo-3-chloropropane (DBCP)	821	µg/kg	128	1002	<27.7	81.9	55-135	4.36	30	
1,2-Dibromoethane (EDB, Ethylene dibromide)	1060	µg/kg	38.4	1002	<17.7	106	63-155	4.29	30	
1,2-Dichlorobenzene (o-Dichlorobenzene)	996	µg/kg	38.4	1002	<11.4	99.4	77-122	3.46	30	
1,2-Dichloroethane (Ethylene dichloride)	907	µg/kg	128	1002	<26.4	90.5	70-130	2.99	30	
1,2-Dichloropropane	1070	µg/kg	38.4	1002	<22.2	107	71-130	1.50	30	
1,3,5-Trimethylbenzene	1000	µg/kg	128	1002	<21.2	100	66-130	0.902	30	
1,3-Dichlorobenzene (m-Dichlorobenzene)	922	µg/kg	38.4	1002	<20.8	92.0	78-121	5.55	30	
1,3-Dichloropropene	1960	µg/kg	76.9	2004	<16.8	97.7	62-124	5.06	30	
1,4-Dichlorobenzene (p-Dichlorobenzene)	978	µg/kg	38.4	1002	<24.4	97.6	78-122	3.03	30	
2-Butanone (Methyl ethyl ketone, MEK)	1200	µg/kg	256	1002	<71.6	120	47-164	7.91	30	
2-Hexanone	1260	µg/kg	38.4	1002	<14.9	125	70-137	1.89	30	
4-Methyl-2-pentanone (MIBK)	1600	µg/kg	38.4	1002	<28.0	160	57-200	0.250	30	
Acetone	2250	µg/kg	128	1002	<89.2	224	52-190	10.8	30	S
Benzene	1070	µg/kg	38.4	1002	<14.6	107	78-122	2.66	30	
Bromochloromethane	1270	µg/kg	38.4	1002	<15.3	127	68-130	4.67	30	
Bromodichloromethane	967	µg/kg	38.4	1002	<16.8	96.6	75-125	2.04	30	
Bromoform	959	µg/kg	38.4	1002	<12.7	95.7	59-120	3.08	30	
Carbon disulfide	1250	µg/kg	38.4	1002	<15.6	124	60-163	2.11	30	
Carbon tetrachloride	951	µg/kg	38.4	1002	<11.8	95.0	69-123	0.475	30	
Chlorobenzene	997	µg/kg	38.4	1002	<9.98	99.6	79-120	2.13	30	
Chlorodibromomethane	974	µg/kg	38.4	1002	<16.9	97.2	57-123	2.66	30	
Chloroethane (Ethyl chloride)	911	µg/kg	128	1002	<84.2	90.9	38-132	7.06	30	
Chloroform	1060	µg/kg	38.4	1002	<11.0	106	72-122	1.95	30	
cis-1,2-Dichloroethylene	1140	µg/kg	38.4	1002	<19.3	114	74-125	4.22	30	
cis-1,3-Dichloropropene	990	µg/kg	38.4	1002	<22.6	98.8	62-124	2.87	30	
Dichlorodifluoromethane (Freon-12)	1170	µg/kg	128	1002	<36.4	117	28-137	13.4	30	
Ethylbenzene	1090	µg/kg	38.4	1002	<21.3	109	75-121	3.09	30	
Isopropylbenzene	1050	µg/kg	38.4	1002	<19.0	105	74-121	3.99	30	
m+p-Xylene	2150	µg/kg	76.9	2004	<40.1	107	67-129	2.87	30	
Methyl acetate	1290	µg/kg	320	1002	<36.0	129	61-125	4.47	30	S
Methyl bromide (Bromomethane)	595	µg/kg	128	1002	<57.5	59.4	31-169	0.922	30	
Methyl chloride (Chloromethane)	1450	µg/kg	128	1002	<82.2	145	24-119	13.5	30	S
Methyl tert-butyl ether (MTBE)	1080	µg/kg	38.4	1002	<21.9	108	79-139	6.10	30	
Methylene chloride (Dichloromethane)	986	µg/kg	320	1002	<79.8	98.4	62-135	18.7	30	
o-Xylene	1080	µg/kg	38.4	1002	<11.6	108	75-120	5.16	30	
Styrene	1070	µg/kg	38.4	1002	<11.9	106	74-126	3.73	30	
Tetrachloroethylene (Perchloroethylene)	1890	µg/kg	38.4	1002	<18.1	188	76-128	2.01	30	S
Toluene	1080	µg/kg	38.4	1002	<24.8	108	76-120	3.40	30	
Total Xylene	3230	µg/kg	115	3006	<11.6	107	67-129	3.63	30	

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 6385 Linsdale
Matrix: SOIL/SOLID
QC Lot: 2450698

Work Order: HN2601979
Date Collected: NA
Date Received: NA
Run ID: 3880058

MSD	CLIENT ID: Batch QC	Lab ID: QC-2450698-006
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Method: EPA 8260D

Dilution: 1

Analysis Date: 02/12/26 20:17

Prep Date: 02/11/26 14:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
trans-1,2-Dichloroethylene	1260	µg/kg	38.4	1002	<24.8	125	72-127	5.87	30	
trans-1,3-Dichloropropylene	967	µg/kg	38.4	1002	<16.8	96.5	66-120	7.36	30	
Trichloroethene (Trichloroethylene)	1120	µg/kg	38.4	1002	<13.5	112	75-122	2.21	30	
Trichlorofluoromethane	1060	µg/kg	38.4	1002	<15.4	106	51-115	4.50	30	
(Fluorotrichloromethane, Freon 11)										
Vinyl chloride (Chloroethene)	1310	µg/kg	38.4	1002	<20.0	130	43-128	3.99	30	S
Surr: 1,2-Dichloroethane-d4	960	µg/kg		1002		95.8	80-120	5.08	30	
Surr: 4-Bromofluorobenzene	1070	µg/kg		1002		107	80-120	4.44	30	
Surr: Dibromofluoromethane	984	µg/kg		1002		98.2	72-120	1.47	30	
Surr: Toluene-d8	1070	µg/kg		1002		106	80-120	2.09	30	

The following samples were analyzed in this batch: HN2601979-001, HN2601979-002, HN2601979-003