

DRAFT

FILL MATERIAL SAMPLING REPORT

3727 ROCHESTER STREET
DETROIT, WAYNE COUNTY, MICHIGAN 48206



MARCH 6, 2026
REVISED: APRIL 20, 2026

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



FILL MATERIAL SAMPLING REPORT

3727 ROCHESTER STREET
DETROIT, WAYNE COUNTY, MICHIGAN 48206

PREPARED BY: _____

OLIVIA MITCHELL

ENVIRONMENTAL SCIENTIST

REVIEWED BY: _____

MARK SCHULT, PhD, CPG

SENIOR PROJECT MANAGER

REVIEWED AND
APPROVED BY: _____

RYAN MONTRI, CPG

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 3727 Rochester 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 3727 SB01, 3727 SB02, and 3727 SB03 generally consisted of brown gravelly sand and 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, and/or brick debris was observed in 3727 SB01, 3727 SB02, and 3727 SB03.
- Concentrations of arsenic, chromium (Total), and zinc were detected in soil samples 3727 SB01 (1-2')_20260209, 3727 SB02 (3-4')_20260209, 3727 SB03 (5-6')_20260209, and/or 3727 DUP-1_20260209 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 acenaphthylene, anthracene, alpha-chlordane, 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, phenanthrene, and pyrene were detected in soil samples 3727 SB01 (1-2')_20260209, 3727 SB02 (3-4')_20260209, 3727 SB03 (5-6')_20260209, and/or 3727 DUP-1_20260209 at concentrations above laboratory method detection limits; however, detected concentrations were below their respective Part 201 GRCC and/or Statewide Default Background Levels.
- Toxicity Characteristic Leaching Procedure (TCLP) laboratory analytical results revealed that concentrations of lead were not in excess of 40 C.F.R. § 261.24 Title 40 - *Protection of Environment, Chapter I - Environmental Protection Agency, Subchapter I - Solid Wastes, Part 261- Identification and Listing of Hazardous Waste, Subpart C - Characteristics of Hazardous Waste*.
- 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.

DRAFT

TABLE OF CONTENTS

Executive Summary	ES-1
1.0 Introduction	1
2.0 Purpose and Scope of Work	1
3.0 Site Assessment Methodology.....	1
3.1 Preliminary Site Work Activities	1
3.2 Soil Sample Collection.....	2
3.3 Decontamination.....	2
3.4 Analytical Methods	2
3.5 Quality Assurance/Quality Control.....	3
4.0 Summary of Results	3
4.1 Site Geology and Hydrogeology	3
4.2 Soil Sample Analytical Results	3
4.3 Toxicity Characteristic Leaching Procedure (TCLP) Analytical Results.....	4
4.4 Exposure Evaluation.....	4
5.0 Findings	4
 Figures	
Figure 1	Site Location Map
Figure 2	Site Layout
 Tables	
Table 1	Soil Sample Analytical Detection Summary
Table 2	TCLP Analytical Detection Summary
 Appendices	
Appendix A	Limitations
Appendix B	Daily Field Report
Appendix C	Investigation Photographs
Appendix D	Soil Boring Logs
Appendix E	Laboratory Analytical Reports and Chain of Custody Forms

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 3727 Rochester 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 9, 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 9, 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 3727 SB01, 3727 SB02, and 3727 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 four (4) soil samples designated 3727 SB01 (1-2')_20260209, 3727 SB02 (3-4')_20260209, 3727 SB03 (5-6')_20260209, and 3727 DUP-1_20260209, were collected as part of this investigation. These soil samples were submitted to ALS Environmental Laboratory (ALS) in Holland, Michigan for laboratory analysis of the following parameters per the requested parameters as described in the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025, and individual TCLP analysis:

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

3.5 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. One (1) duplicate soil sample (3727 DUP-1_20260209) was collected by MSG, which corresponds with soil sample 3727 SB03 (5-6')_20260209. The data associated with the duplicate soil sample was used to demonstrate a generally acceptable degree of precision with respect to the analyzed parameters.

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 9, 2026.

4.1 Site Geology and Hydrogeology

The stratigraphy encountered during soil boring advancement of 3727 SB01, 3727 SB02, and 3727 SB03 generally consisted of brown gravelly sand and 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, and/or brick debris was observed in 3727 SB01, 3727 SB02, and 3727 SB03.

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

4.2 Soil Sample Analytical Results

Four (4) soil samples, designated 3727 SB01 (1-2')_20260209, 3727 SB02 (3-4')_20260209, 3727 SB03 (5-6')_20260209, and 3727 DUP-1_20260209 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	3727 SB01 (1-2)_20260209 3727 SB02 (3-4)_20260209 3727 SB03 (5-6)_20260209 3727 DUP-1_20260209	GSIPC ² / 4,600 DWPC ³ / 4,600 DCC ⁴ / 7,600	11,000
Chromium (Total)	7440-47-3	3727 SB01 (1-2)_20260209 3727 SB03 (5-6)_20260209 3727 DUP-1_20260209	GSIPC / 3,300	23,700
Zinc	7440-66-6	3727 SB01 (1-2)_20260209	GSIPC / 160,000	167,000

¹µg/kg – micrograms per kilogram;

²GSIPC – Groundwater Surface Water Interface Protection Criteria

³DWPC – Drinking Water Protection Criteria

⁴DCC – Direct Contact Criteria

4.3 Toxicity Characteristic Leaching Procedure (TCLP) Analytical Results

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

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

4.4 Exposure Evaluation

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

Groundwater was not encountered during soil boring activities completed as part of this investigation. Groundwater is not utilized as drinking water at or near the Site, as municipal water is supplied via the COD, and the general geology of the Site and surrounding area consists of fill materials underlain by clay overlying bedrock. Therefore, the drinking water (DW) exposure pathway can be considered not applicable. Additionally, groundwater was not encountered during this investigation to transport contaminants to either storm sewers or surface water and the clay layer also inhibits migration, therefore, the groundwater surface water exposure pathway can be considered not applicable. Given that the site is residential, exceedances of 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 3727 SB01, 3727 SB02, and 3727 SB03 generally consisted of brown gravelly sand and 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, and/or brick debris was observed in 3727 SB01, 3727 SB02, and 3727 SB03.
- Concentrations of arsenic, chromium (Total), and zinc were detected in soil samples 3727 SB01 (1-2')_20260209, 3727 SB02 (3-4')_20260209, 3727 SB03 (5-6')_20260209, and/or 3727 DUP-1_20260209 in excess of Part 201 GSIPC, DWPC, and/or DCC.
- Concentrations of acenaphthylene, anthracene, alpha-chlordane, 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, phenanthrene, and pyrene were detected in soil samples 3727 SB01 (1-2')_20260209, 3727 SB02 (3-4')_20260209, 3727 SB03 (5-6')_20260209, and/or 3727 DUP-1_20260209 at concentrations above laboratory method detection limits; however, detected concentrations were below their respective Part 201 GRCC and/or Statewide Default Background Levels.
- TCLP laboratory analytical results revealed that concentrations of lead were not in excess of 40 C.F.R. § 261.24 Title 40 - Protection of Environment, Chapter I - Environmental Protection Agency, Subchapter I - Solid Wastes, Part 261 - Identification and Listing of Hazardous Waste, Subpart C - Characteristics of Hazardous Waste.
- 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.

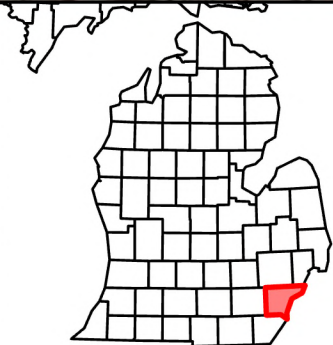
MSG has evaluated the analytical results of the fill material. Based upon the analytical results, we have determined that the material is contaminated above the state's Part 201 GRCC, as applicable.

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.

DRAFT

FIGURES





★ Site Location



FIGURE 1
SITE LOCATION

3727 Rochester, Detroit, MI

DATE 1/8/2026	DRAWN BY JWW	DESIGNED BY JWW	PROJECT NO. DETR0060
------------------	-----------------	--------------------	-------------------------



- 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

3727 Rochester, Detroit, MI

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

TABLES



Table 1
Soil Sample Analytical Detection Summary

Detroit Backfill Sampling
3727 Rochester, 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	Semivolatile Organic Compounds (SVOCs)														
	Chloride	Arsenic (B)	Barium (B)	Chromium, Total (B)	Copper (B)	Lead (B)	Mercury (B)	Zinc (B)	Alpha-Chlordane	Acenaphthylene	Anthracene	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	Phenanthrene	Pyrene		
	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	5103-71-9	208-96-8	120-12-7	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	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	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	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	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	NC	5,900	41,000	NLL	NLL	NLL	NLL	NLL	NLL	NLL	7.30E+05	NLL	56,000	4.80E+05	
	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	NC	ID	ID	NLL	NLL	NLL	NLL	NLL	NLL	NLL	5,500	NLL	2,100	ID	
	Soil Volatilization to Indoor Air Inhalation (SVIIC)	NC	NLV	NLV	NC	NLV	NLV	48,000	NC	NC	1.60E+06	1.00E+09	NLV	NLV	ID	NLV	NLV	NLV	ID	1.00E+09	NLV	2.80E+06	1.00E+09	
	Soil Volatilization to Indoor Air Pathway (SVIAP)	NC	NC	NC	NC	NC	NC	22 ^(M)	NC	NC	NC	1.30E+07	1.60E+05 ^(M)	NC	NC	NC	NC	NC	NC	NC	1,700	2.50E+07		
	Infinite Source Volatile Soil Inhalation Criteria (VSIC)	NC	NLV	NLV	NC	NLV	NLV	52,000	NC	NC	2.20E+06	1.40E+09	NLV	NLV	ID	NLV	NLV	NLV	ID	7.40E+08	NLV	1.60E+05	6.50E+08	
Finite Source Volatile Soil Inhalation Criteria (5 m) (VSIC 5m)	NC	NLV	NLV	NC	NLV	NLV	52,000	NC	NC	2.20E+06	1.40E+09	NLV	NLV	ID	NLV	NLV	NLV	ID	7.40E+08	NLV	1.60E+05	6.50E+08		
Finite Source Volatile Soil Inhalation Criteria (2 m) (VSIC 2m)	NC	NLV	NLV	NC	NLV	NLV	52,000	NC	NC	2.20E+06	1.40E+09	NLV	NLV	ID	NLV	NLV	NLV	ID	7.40E+08	NLV	1.60E+05	6.50E+08		
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	NC	2.30E+09	6.70E+10	ID	1.50E+06	ID	8.00E+08	ID	7.00E+08	ID	9.30E+09	ID	6.70E+06	6.70E+09		
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	NC	1.60E+06	2.30E+08	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+06	2.90E+07		
Soil Saturation Concentration Screening Levels (Csat)	NC	NA	NA	NC	NA	NA	NA	NC	NC	NA	NA	NA	NA	NA	NA	NA	1.00E+07	NA	NA	NA	NA	NA		
Sample ID	Sample Depth (ft)	Sample Date																						
3727 SB01	1.0 - 2.0	02/09/2026	<3,810	8,790	101,000	21,100	21,600	144,000	103	167,000	<18.2	30.4	19.7	76.9	73.3	118	62.6	44.7	102	78.7	150	78.7	51.9	105
3727 SB02	3.0 - 4.0	02/09/2026	68,100	7,340	76,100	15,300	19,800	10,400	<13.6	68,200	83.5	<72.4	<58.9	83.5	<51.2	<62.2	<64	<63.2	<345	<67.5	83.5	<58.1	<38.8	100
3727 SB03	5.0 - 6.0	02/09/2026	13,900	10,900	73,800	23,700	17,800	11,300	42.5	57,200	<17.5	<16.2	<13.2	<16.2	18.7	22.4	<14.3	<14.2	<77.3	<15.1	20.6	<13	<8.69	18.7
3727 SB03 (DUP-1)	5.0 - 6.0	02/09/2026	<4,130	11,000	81,900	21,900	18,900	20,800	36.7	74,100	<19.9	<16.2	<13.2	<16.1	<11.5	<13.9	<14.3	<14.1	101	<15.1	<8.96	<13	<8.68	<9.31

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 2
TCLP Analytical Detection Summary

Detroit Backfill Sampling
3727 Rochester, Detroit, Michigan

40 C.F.R. § 261.24 Code of Federal Regulations Title 40 - Protection of Environment Chapter I - Environmental Protection Agency Subchapter I - Solid Wastes Part 261- Identification and Listing of Hazardous Waste Subpart C - Characteristics of Hazardous Waste <i>Units: mg/L</i>		TCLP Metals
Maximum Concentration of Contaminants for the Toxicity Characteristic		5.00
SAMPLE ID	SAMPLE DATE	
3727 SB01 (1-2') 20260209	2/9/2026	<0.00220

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

APPENDIX A

LIMITATIONS



LIMITATIONS

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

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

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

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

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

APPENDIX B

DAILY FIELD REPORT



**DAILY FIELD REPORT**

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

Report No.: 1
Job No.: DETR0060

Date: 02/09/2026	Day: Monday	Temp: N/A (AM) 20° F (PM)
MSG Personnel: EMB, KDW, MW	Cloud Cover: N/A (AM) 100% (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:
1443 – EMB, KDW, and MW onsite (3727 Rochester Street) 1445 – Drilled SB01 1453 – Drilled SB02 1458 – Drilled SB03 1504 – SB01, SB02, SB03 screened with PID 1515 – Sampled 3727 SB01 (1-2')_20260209 1520 – Sampled 3727 SB02 (3-4')_20260209 1525 – Sampled 3727 SB03 (5-6')_20260209 1530 – 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



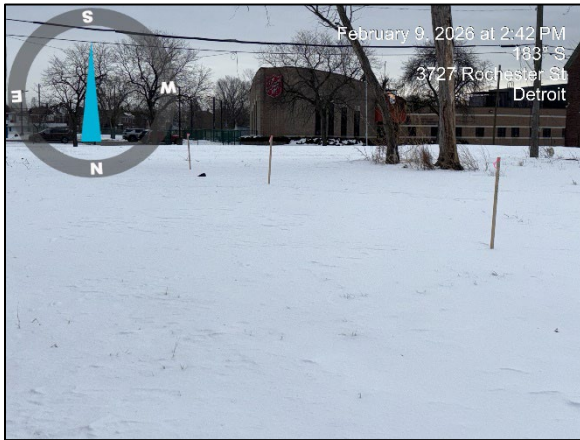


Photo 1: View of the Site pre-drilling, facing south.

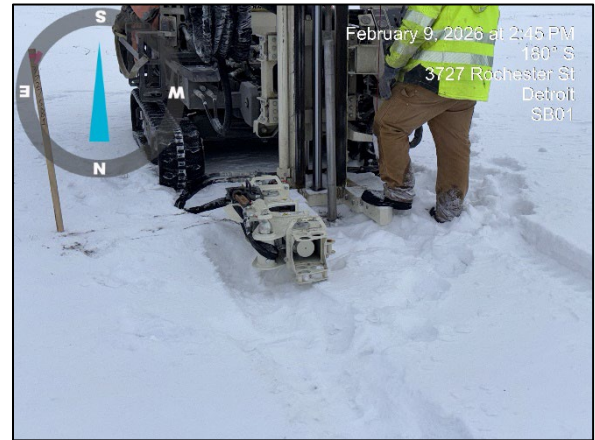


Photo 2: View of drilling at 3727 SB01, facing south.



Photo 3: View of drilling at 3727 SB02, facing southwest.



Photo 4: View of drilling at 3727 SB03, facing south.

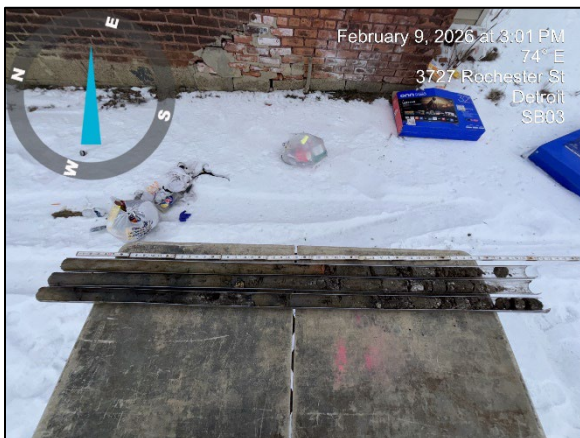


Photo 5: Viewing 3727 SB01, SB02, and SB03 soil recovery, facing east.

APPENDIX D

SOIL BORING LOGS





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

BOREHOLE NUMBER SB01

Sheet 1 of 1

CLIENT City of Detroit

PROJECT NAME Backfill Soil Sampling

PROJECT NUMBER DETR0060_3727 Rochester

PROJECT LOCATION 3727 Rochester, Detroit, MI

DATE STARTED _____ COMPLETED _____

POSITION _____

DRILLING CONTRACTOR MSG

SURFACE ELEVATION _____ FINAL DEPTH 6.0 ft

DRILLING METHOD Direct Push

LOGGED BY EMB CHECKED BY PDH

EQUIPMENT Geoprobe 7822 DT Operator MW

REMARKS _____

DEPTH (ft)	SAMPLE INTERVALS	RECOVERY %	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (PPM)	REMARKS
				Gray, CLAY, Little Gravel, Little Brick, Moist		
					0	Collected Soil Sample 3727 SB01 (1-2') _20260209 at 1515
				2.0		
				Brown and Gray Mottled, CLAY, Trace Gravel, Trace Wood, Trace Brick, Moist	0	
ES		75			0	
					0	
5					0	
					0	
				6.0		
				Terminated at 6.00 ft.		
10						

LEGEND:

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



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

BOREHOLE NUMBER SB03

Sheet 1 of 1

CLIENT City of Detroit
PROJECT NUMBER DETR0060_3727 Rochester
DATE STARTED _____ **COMPLETED** _____
DRILLING CONTRACTOR MSG
DRILLING METHOD Direct Push
EQUIPMENT Geoprobe 7822 DT **Operator** MW

PROJECT NAME Backfill Soil Sampling
PROJECT LOCATION 3727 Rochester, 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
				Topsoil		
				1.0 Brown, Gravelly SAND, Dry	0	
				2.0 Brown and Gray Mottled, CLAY, Trace Gravel, Trace Brick, Moist	0	
ES		83		3.0 Brown, Gravelly SAND, Dry	0	
				4.0 Brown and Gray Mottled, CLAY, Trace Gravel, Moist	0	
5					0	Collected Soil Sample 3727 SB03 (5-6') _20260209 at 1525 and 3727 DUP-1_20260209
				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 17, 2026

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

Re: **3727 Rochester**

Date Received: **02/10/2026**

Work Order: **HN2601890**

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: 3727 Rochester

Work Order: HN2601890
Date Received: 10-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

4 soil/solid samples were received for analysis at ALS Environmental on 10-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: HN2601890

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: 3876709

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 8270E-FULL HN-3546-S

Run ID: 3883718

The Continuing Calibration Verification did not meet acceptance criteria with high bias, however, the sample results were non-detect for the following analytes: 1,4-Dinitrobenzene; 1,3-Dinitrobenzene; 1,2-Dinitrobenzene; 2,4-Dinitrophenol; 4,6-Dinitro-2-methylphenol.

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: Benzaldehyde.

HN2601890-002: The reporting limit is elevated due to dilution needed to eliminate matrix-related interference.

EPA 8081B-3546-S (High)

Run ID: 3883898

HN2601890-001: 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-Epoxyde, g-Chlordane, Dieldrin, 4,4'-DDD, Endo II

HN2601890-002: 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-Epoxyde, g-Chlordane, Dieldrin, 4,4'-DDD, Endo II

HN2601890-003: 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-Epoxyde, g-Chlordane, Dieldrin, 4,4'-DDD, Endo II

HN2601890-004: 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-Epoxyde, g-Chlordane, Dieldrin, 4,4'-DDD, Endo II

Metals

EPA 6020B-3050B-S

Run ID: 3883912

Samples HN2601890-001 through -004: 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: 3727 SB01 (1-2')_20260209	Lab ID: HN2601890-001
---	------------------------------

Analyte	Results	Flag	MRL	Units	Method
Acenaphthylene	30.4		17.9	µg/kg	EPA 8270E
Anthracene	19.7		17.9	µg/kg	EPA 8270E
Arsenic	8.79		3.11	mg/kg	EPA 6020B
Barium	101		3.11	mg/kg	EPA 6020B
Benzo(a)anthracene	76.9		17.9	µg/kg	EPA 8270E
Benzo(a)pyrene	73.3		17.9	µg/kg	EPA 8270E
Benzo(b)fluoranthene	118		17.9	µg/kg	EPA 8270E
Benzo(g,h,i)perylene	62.6		17.9	µg/kg	EPA 8270E
Benzo(k)fluoranthene	44.7		17.9	µg/kg	EPA 8270E
Chromium	21.1		3.11	mg/kg	EPA 6020B
Chrysene	78.7		17.9	µg/kg	EPA 8270E
Copper	21.6		3.11	mg/kg	EPA 6020B
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl) phthalate, DEHP)	102		88.5	µg/kg	EPA 8270E
Fluoranthene	150		17.9	µg/kg	EPA 8270E
Indeno(1,2,3-cd) pyrene	78.7		17.9	µg/kg	EPA 8270E
Lead	144	*	3.11	mg/kg	EPA 6020B
Mercury	0.103		0.0228	mg/kg	EPA 7471B
Percent Moisture	16.2		0.1	%	EPA 3550C
Phenanthrene	51.9		17.9	µg/kg	EPA 8270E
Pyrene	105		17.9	µg/kg	EPA 8270E
Zinc	167		6.22	mg/kg	EPA 6020B

CLIENT ID: 3727 SB02 (3-4')_20260209	Lab ID: HN2601890-002
---	------------------------------

Analyte	Results	Flag	MRL	Units	Method
Arsenic	7.34		3.02	mg/kg	EPA 6020B
Barium	76.1		3.02	mg/kg	EPA 6020B
Benzo(a)anthracene	83.5		83.5	µg/kg	EPA 8270E
Chloride	68.1		12.5	mg/kg	EPA 9056A
Chromium	15.3		3.02	mg/kg	EPA 6020B
cis-Chlordane	83.5		27.3	µg/kg	EPA 8081B
Copper	19.8		3.02	mg/kg	EPA 6020B
Fluoranthene	83.5		83.5	µg/kg	EPA 8270E
Lead	10.4		3.02	mg/kg	EPA 6020B
Percent Moisture	13.5		0.1	%	EPA 3550C
Pyrene	100		83.5	µg/kg	EPA 8270E
Zinc	68.2		6.04	mg/kg	EPA 6020B

CLIENT ID: 3727 SB03 (5-6')_20260209	Lab ID: HN2601890-003
---	------------------------------

Analyte	Results	Flag	MRL	Units	Method
Arsenic	10.9		3.46	mg/kg	EPA 6020B
Barium	73.8		3.46	mg/kg	EPA 6020B

SAMPLE DETECTION SUMMARY

This form includes only detections above the limits as presented.

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



CLIENT ID: 3727 SB03 (5-6')_20260209

Lab ID: HN2601890-003

Analyte	Results	Flag	MRL	Units	Method
Benzo(a)pyrene	18.7		18.7	µg/kg	EPA 8270E
Benzo(b)fluoranthene	22.4		18.7	µg/kg	EPA 8270E
Chloride	13.9		12.6	mg/kg	EPA 9056A
Chromium	23.7		3.46	mg/kg	EPA 6020B
Copper	17.8		3.46	mg/kg	EPA 6020B
Fluoranthene	20.6		18.7	µg/kg	EPA 8270E
Lead	11.3		3.46	mg/kg	EPA 6020B
Mercury	0.0425		0.0214	mg/kg	EPA 7471B
Percent Moisture	16.6		0.1	%	EPA 3550C
Pyrene	18.7		18.7	µg/kg	EPA 8270E
Zinc	57.2		6.92	mg/kg	EPA 6020B

CLIENT ID: 3727 DUP-1

Lab ID: HN2601890-004

Analyte	Results	Flag	MRL	Units	Method
Arsenic	11.0		3.59	mg/kg	EPA 6020B
Barium	81.9		3.59	mg/kg	EPA 6020B
Chromium	21.9		3.59	mg/kg	EPA 6020B
Copper	18.9		3.59	mg/kg	EPA 6020B
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl) phthalate, DEHP)	101		92.4	µg/kg	EPA 8270E
Lead	20.8		3.59	mg/kg	EPA 6020B
Mercury	0.0367		0.0240	mg/kg	EPA 7471B
Percent Moisture	18.1		0.1	%	EPA 3550C
Zinc	74.1		7.18	mg/kg	EPA 6020B

SAMPLE SUMMARY



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Workorder: HN2601890

Laboratory Sample ID	Client Sample ID	Sample Matrix	Collection Date	Date Received
HN2601890-001	3727 SB01 (1-2')_20260209	SOIL/SOLID	02/09/26 15:15	02/10/26 07:00
HN2601890-002	3727 SB02 (3-4')_20260209	SOIL/SOLID	02/09/26 15:20	02/10/26 07:00
HN2601890-003	3727 SB03 (5-6')_20260209	SOIL/SOLID	02/09/26 15:25	02/10/26 07:00
HN2601890-004	3727 DUP-1	SOIL/SOLID	02/09/26	02/10/26 07:00

Chain of Custody Form

Page 1 of 1



Telephone : + 1 616 399 6070

Company Name Mannik Smith Group

Send Report To Ryan Montri and Olivia Mitchell

Address 2365 South Haggerty Road

City/State/Zip Canton, Mi 48188

Phone 734-397-3100

Fax

e-Mail Address montri@manniksmithgroup.com

ALS Project Manager:

Work Order #:

Project Information

Parameter/Method Request for Analysis

Project Name 3727 Rochester

Project Number DETR0060

Bill To Company Mannik Smith Group

Invoice Attn:

Address 2365 South Haggerty Road

City/State/Zip Canton, Mi 48188

Phone 734-397-3100

Fax

e-Mail Address omitchell@manniksmithgroup.com

A VOCs (U.S. EPA Method 8260C (or Method 8260))

B SVOCs (U.S. EPA Method 8270D (or Method 8270))

C PCBs (U.S. EPA Method 8082)

D Mi 10 Metals (U.S. EPA 6000/7000 Series Methods)

E Chlorides (U.S. EPA Method 9056A)

F Pesticides (U.S. EPA Method 8081B (or Method 8081))

G Herbicides (U.S. EPA Method 8151A (or Method 8151))

H

I

J

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	3727 SB01 (1-2')_20260209	2-9-20	1515	Soil	7	3	✓	✓	✓	✓	✓	✓	✓				
2	3727 SB02 (3-4')_20260209	↓	1520	Soil	7	3	✓	✓	✓	✓	✓	✓	✓				
3	3727 SB03 (5-6')_20260209	↓	1525	Soil	7	3	✓	✓	✓	✓	✓	✓	✓				
4	3727 DUP-1	↓	—	↓	7	3	✓	✓	✓	✓	✓	✓	✓				
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s): Please Print & Sign

Eddie Bosar / Edmund Prosser

Shipment Method:

Required Turnaround Time:

☐ Other

☐ STD 10 Wk Days

☒ 5 Wk Days

☐ 2 Wk Days

☐ 24 Hour

Results Due Date:

Relinquished by:

Edmund Prosser

Date:

2-9-26

Time:

1605

Received by:

NJ 2/9 1605

Notes:

Rec'd 2/10/26 0700 @ 20 L

Relinquished by:

NJ

Date:

2/9

Time:

1700

Received by (Laboratory):

NJ 2/9 1700

Cooler Temp.

126
2.9°C

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

Other:

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

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

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

<https://www.alsglobal.com/ALSGroupUSACorpTC>

ALS copyright © 2024. All rights reserved.



ALS Holland
3352 128th Ave., Holland MI 49424

ALS Holland Sample Receiving Checklist

Received by:

Diane F. Shaw

Date/Time:

2/10/26 0700

Carrier Name:

QS

Shipping container/cooler in good condition?

☒ Yes / No / ☐ Not Present

Custody seals intact on shipping container/cooler?

Yes / No / ☒ Not Present

Custody seals intact on sample bottles?

Yes / No / ☒ Not Present

Chain of Custody present?

☒ Yes / No

COC signed when relinquished and received?

☒ Yes / No

COC agrees with sample labels?

☒ Yes / No

Samples in proper container/bottle?

☒ Yes / No

Sample containers intact?

☒ Yes / No

Sufficient sample volume for indicated test?

☒ Yes / No

All samples received within holding time?

☒ Yes / No

Container/Temp Blank temperature in compliance?

☒ Yes / No

Temperature(s) (°C):

29/29°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:

2/10/26 0845

Water – VOA vials have zero headspace?

Yes / No / ☒ No Vials

Water – pH acceptable upon receipt?

Yes / No / ☒ N/A

pH strip lot #: _____ < 2 _____ > 12 _____ Other _____

pH adjusted (note adjustments below)?

Yes / No / ☒ N/A

pH adjusted by:

Login Notes:

--	--

REPORT QUALIFIERS AND DEFINITIONS

*	Value exceeds Regulatory Limit (if MCL displayed)
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the 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: 3727 Rochester

Work Order: HN2601890

Sample Name: 3727 SB01 (1-2')_20260209
Laboratory Code: HN2601890-001
Sample Matrix: SOIL/SOLID

Date Collected: 02/09/26
Date Received: 02/10/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		001-AC	2448772		3871781	Nicole Maleski
EPA 6020B	EPA 3050B	001-AC	2456192	Weston Kotecki	3883912	Hunter Johnson
EPA 7471B	Method	001-AC	2453673	Maxx Richey	3883662	Maxx Richey
EPA 8081B	EPA 3546	001-AC	2451610	Benjamin Farmer	3883898	Nathaniel Dietlin
EPA 8082A	EPA 3546	001-AC	2451609	Benjamin Farmer	3883984	Quinn Garner
EPA 8151A	Method	001-AC	2451990	Willow Julien	3883577	Kathy Malmyga
EPA 8260D	EPA 5035A	001-AA	2448966	Jonathan Vazquez	3876709	John Garvale
EPA 8270E	EPA 3546	001-AC	2452247	Benjamin Farmer	3883718	Alexa Montague
EPA 9056A	EPA 9056A	001-AC	2450185	Sage Hansen	3878568	Sage Hansen

Sample Name: 3727 SB02 (3-4')_20260209
Laboratory Code: HN2601890-002
Sample Matrix: SOIL/SOLID

Date Collected: 02/09/26
Date Received: 02/10/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		002-AC	2448772		3871781	Nicole Maleski
EPA 6020B	EPA 3050B	002-AC	2456192	Weston Kotecki	3883912	Hunter Johnson
EPA 7471B	Method	002-AC	2453673	Maxx Richey	3883662	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	2451990	Willow Julien	3883577	Kathy Malmyga
EPA 8260D	EPA 5035A	002-AA	2448966	Jonathan Vazquez	3876709	John Garvale
EPA 8270E	EPA 3546	002-AC	2452247	Benjamin Farmer	3883718	Alexa Montague
EPA 9056A	EPA 9056A	002-AC	2450185	Sage Hansen	3878568	Sage Hansen

Sample Name: 3727 SB03 (5-6')_20260209
Laboratory Code: HN2601890-003
Sample Matrix: SOIL/SOLID

Date Collected: 02/09/26
Date Received: 02/10/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		003-AC	2448772		3871781	Nicole Maleski

ANALYST SUMMARY



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester

Work Order: HN2601890

Sample Name: 3727 SB03 (5-6')_20260209
Laboratory Code: HN2601890-003
Sample Matrix: SOIL/SOLID

Date Collected: 02/09/26
Date Received: 02/10/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 6020B	EPA 3050B	003-AC	2456192	Weston Kotecki	3883912	Hunter Johnson
EPA 7471B	Method	003-AC	2453674	Maxx Richey	3884405	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	2451990	Willow Julien	3883577	Kathy Malmyga
EPA 8260D	EPA 5035A	003-AA	2448966	Jonathan Vazquez	3879269	John Garvale
EPA 8270E	EPA 3546	003-AC	2452247	Benjamin Farmer	3883718	Alexa Montague
EPA 9056A	EPA 9056A	003-AC	2450185	Sage Hansen	3878568	Sage Hansen

Sample Name: 3727 DUP-1
Laboratory Code: HN2601890-004
Sample Matrix: SOIL/SOLID

Date Collected: 02/09/26
Date Received: 02/10/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		004-AC	2448772		3871781	Nicole Maleski
EPA 6020B	EPA 3050B	004-AC	2456192	Weston Kotecki	3883912	Hunter Johnson
EPA 7471B	Method	004-AC	2453674	Maxx Richey	3884405	Maxx Richey
EPA 8081B	EPA 3546	004-AC	2451610	Benjamin Farmer	3883898	Nathaniel Dietlin
EPA 8082A	EPA 3546	004-AC	2451609	Benjamin Farmer	3883984	Quinn Garner
EPA 8151A	Method	004-AC	2451990	Willow Julien	3883577	Kathy Malmyga
EPA 8260D	EPA 5035A	004-AA	2448966	Jonathan Vazquez	3879269	John Garvale
EPA 8270E	EPA 3546	004-AC	2452247	Benjamin Farmer	3883718	Alexa Montague
EPA 9056A	EPA 9056A	004-AC	2450185	Sage Hansen	3878568	Sage Hansen

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:15
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB01 (1-2')_20260209

Lab ID: HN2601890-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<2.45	U	µg/kg	13.3	1	02/16/26 08:22	02/12/26 10:45
2,4,5-TP (Silvex)	EPA 8151A	<4.38	U	µg/kg	13.3	1	02/16/26 08:22	02/12/26 10:45
2,4-D	EPA 8151A	<7.12	U	µg/kg	26.7	1	02/16/26 08:22	02/12/26 10:45
Surr: DCAA	EPA 8151A	80.0		%REC	10-116	1	02/16/26 08:22	02/12/26 10:45
General Chemistry Parameters								
Percent Moisture	EPA 3550C	16.2		%	0.1	1	02/10/26 14:14	NA
Chloride	EPA 9056A	<3.81	U	mg/kg	12.3	1	02/12/26 21:16	02/12/26 13:25
Metals								
Arsenic	EPA 6020B	8.79		mg/kg	3.11	10	02/16/26 18:40	02/16/26 09:18
Barium	EPA 6020B	101		mg/kg	3.11	10	02/16/26 18:40	02/16/26 09:18
Cadmium	EPA 6020B	<0.187	U	mg/kg	1.24	10	02/16/26 18:40	02/16/26 09:18
Chromium	EPA 6020B	21.1		mg/kg	3.11	10	02/16/26 18:40	02/16/26 09:18
Copper	EPA 6020B	21.6		mg/kg	3.11	10	02/16/26 18:40	02/16/26 09:18
Lead	EPA 6020B	144	*	mg/kg	3.11	10	02/16/26 18:40	02/16/26 09:18
Selenium	EPA 6020B	<2.86	U	mg/kg	3.11	10	02/16/26 18:40	02/16/26 09:18
Silver	EPA 6020B	<0.410	U	mg/kg	3.11	10	02/16/26 18:40	02/16/26 09:18
Zinc	EPA 6020B	167		mg/kg	6.22	10	02/16/26 18:40	02/16/26 09:18
Mercury	EPA 7471B	0.103		mg/kg	0.0228	1	02/16/26 13:02	02/13/26 13:21
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<17.4	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
4,4'-DDE	EPA 8081B	<18.0	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
4,4'-DDT	EPA 8081B	<18.1	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
Aldrin	EPA 8081B	<17.7	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
alpha-BHC	EPA 8081B	<17.9	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
beta-BHC	EPA 8081B	<17.9	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
Chlordane, Technical	EPA 8081B	<27.0	U	µg/kg	68.2	1	02/14/26 22:40	02/12/26 12:37
cis-Chlordane	EPA 8081B	<18.2	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
delta-BHC	EPA 8081B	<17.8	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
Dieldrin	EPA 8081B	<19.1	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:15
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB01 (1-2')_20260209

Lab ID: HN2601890-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<18.3	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
Endosulfan II	EPA 8081B	<18.1	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
Endosulfan sulfate	EPA 8081B	<16.8	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
Endrin	EPA 8081B	<22.1	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
Endrin aldehyde	EPA 8081B	<17.3	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
Endrin ketone	EPA 8081B	<16.6	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
gamma-BHC (Lindane)	EPA 8081B	<17.9	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
Heptachlor	EPA 8081B	<17.6	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
Heptachlor epoxide	EPA 8081B	<18.0	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
Methoxychlor	EPA 8081B	<18.2	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
Toxaphene	EPA 8081B	<29.4	U	µg/kg	164	1	02/14/26 22:40	02/12/26 12:37
trans-Chlordane	EPA 8081B	<18.1	U	µg/kg	27.3	1	02/14/26 22:40	02/12/26 12:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8081B</i>	98.7		%REC	53-151	1	02/14/26 22:40	02/12/26 12:37
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8081B</i>	101		%REC	67-127	1	02/14/26 22:40	02/12/26 12:37

Polychlorinated Biphenyls (PCBs) by GC/ECD

Aroclor 1016	EPA 8082A	<62.3	U	µg/kg	182	1	02/13/26 23:10	02/12/26 12:37
Aroclor 1221	EPA 8082A	<62.3	U	µg/kg	182	1	02/13/26 23:10	02/12/26 12:37
Aroclor 1232	EPA 8082A	<62.3	U	µg/kg	182	1	02/13/26 23:10	02/12/26 12:37
Aroclor 1242	EPA 8082A	<62.3	U	µg/kg	182	1	02/13/26 23:10	02/12/26 12:37
Aroclor 1248	EPA 8082A	<62.3	U	µg/kg	182	1	02/13/26 23:10	02/12/26 12:37
Aroclor 1254	EPA 8082A	<50.8	U	µg/kg	182	1	02/13/26 23:10	02/12/26 12:37
Aroclor 1260	EPA 8082A	<50.8	U	µg/kg	182	1	02/13/26 23:10	02/12/26 12:37
Aroclor 1262	EPA 8082A	<50.8	U	µg/kg	182	1	02/13/26 23:10	02/12/26 12:37
Aroclor 1268	EPA 8082A	<50.8	U	µg/kg	182	1	02/13/26 23:10	02/12/26 12:37
Total PCB	EPA 8082A	<50.8	U	µg/kg	182	1	02/13/26 23:10	02/12/26 12:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8082A</i>	85.8		%REC	54-146	1	02/13/26 23:10	02/12/26 12:37
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8082A</i>	96.3		%REC	58-140	1	02/13/26 23:10	02/12/26 12:37

Semivolatile Organic Compounds by GC-MS

1,1'-Biphenyl (BZ-0)	EPA 8270E	<14.5	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<20.6	U	µg/kg	893	1	02/15/26 15:23	02/12/26 13:34

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:15
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB01 (1-2')_20260209

Lab ID: HN2601890-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<64.1	U	µg/kg	447	1	02/15/26 15:23	02/12/26 13:34
1-Methylnaphthalene	EPA 8270E	<12.9	U	µg/kg	17.9	1	02/15/26 15:23	02/12/26 13:34
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<20.9	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
2,3,4,6-Tetrachlorophenol	EPA 8270E	<65.5	U	µg/kg	179	1	02/15/26 15:23	02/12/26 13:34
2,4,5-Trichlorophenol	EPA 8270E	<53.0	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
2,4,6-Trichlorophenol	EPA 8270E	<23.8	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
2,4-Dichlorophenol	EPA 8270E	<48.1	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
2,4-Dimethylphenol	EPA 8270E	<46.0	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
2,4-Dinitrophenol	EPA 8270E	<654	U	µg/kg	893	1	02/15/26 15:23	02/12/26 13:34
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<58.1	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<22.8	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
2-Chloronaphthalene	EPA 8270E	<12.5	U	µg/kg	17.9	1	02/15/26 15:23	02/12/26 13:34
2-Chlorophenol	EPA 8270E	<58.5	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<74.7	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
2-Methylnaphthalene	EPA 8270E	<9.09	U	µg/kg	17.9	1	02/15/26 15:23	02/12/26 13:34
2-Methylphenol (o-Cresol)	EPA 8270E	<24.2	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
2-Nitroaniline	EPA 8270E	<49.6	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
2-Nitrophenol	EPA 8270E	<25.5	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
3&4-Methylphenol	EPA 8270E	<48.7	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
3,3'-Dichlorobenzidine	EPA 8270E	<41.7	U	µg/kg	447	1	02/15/26 15:23	02/12/26 13:34
3-Nitroaniline	EPA 8270E	<51.9	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<49.0	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
4-Chloro-3-methylphenol	EPA 8270E	<25.5	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
4-Chloroaniline	EPA 8270E	<45.4	U	µg/kg	179	1	02/15/26 15:23	02/12/26 13:34
4-Chlorophenyl phenylether	EPA 8270E	<24.7	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
4-Nitroaniline	EPA 8270E	<139	U	µg/kg	447	1	02/15/26 15:23	02/12/26 13:34
4-Nitrophenol	EPA 8270E	<209	U	µg/kg	893	1	02/15/26 15:23	02/12/26 13:34
Acenaphthene	EPA 8270E	<12.9	U	µg/kg	17.9	1	02/15/26 15:23	02/12/26 13:34

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:15
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB01 (1-2')_20260209

Lab ID: HN2601890-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	30.4		µg/kg	17.9	1	02/15/26 15:23	02/12/26 13:34
Acetophenone	EPA 8270E	<14.0	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
Anthracene	EPA 8270E	19.7		µg/kg	17.9	1	02/15/26 15:23	02/12/26 13:34
Atrazine	EPA 8270E	<52.4	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
Benzaldehyde	EPA 8270E	<137	U	µg/kg	179	1	02/15/26 15:23	02/12/26 13:34
Benzo(a)anthracene	EPA 8270E	76.9		µg/kg	17.9	1	02/15/26 15:23	02/12/26 13:34
Benzo(a)pyrene	EPA 8270E	73.3		µg/kg	17.9	1	02/15/26 15:23	02/12/26 13:34
Benzo(b)fluoranthene	EPA 8270E	118		µg/kg	17.9	1	02/15/26 15:23	02/12/26 13:34
Benzo(g,h,i)perylene	EPA 8270E	62.6		µg/kg	17.9	1	02/15/26 15:23	02/12/26 13:34
Benzo(k)fluoranthene	EPA 8270E	44.7		µg/kg	17.9	1	02/15/26 15:23	02/12/26 13:34
bis(2-Chloroethoxy) methane	EPA 8270E	<56.6	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
bis(2-Chloroethyl) ether	EPA 8270E	<25.3	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
Butyl benzyl phthalate	EPA 8270E	<112	U	µg/kg	179	1	02/15/26 15:23	02/12/26 13:34
Caprolactam	EPA 8270E	<80.7	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
Carbazole	EPA 8270E	<26.3	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
Chrysene	EPA 8270E	78.7		µg/kg	17.9	1	02/15/26 15:23	02/12/26 13:34
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	102		µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
Dibenz(a,h) anthracene	EPA 8270E	<9.66	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
Dibenzofuran	EPA 8270E	<13.1	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
Diethyl phthalate	EPA 8270E	<30.4	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
Dimethyl phthalate	EPA 8270E	<17.4	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
Fluoranthene	EPA 8270E	150		µg/kg	17.9	1	02/15/26 15:23	02/12/26 13:34
Fluorene	EPA 8270E	<13.0	U	µg/kg	17.9	1	02/15/26 15:23	02/12/26 13:34
Hexachlorobenzene	EPA 8270E	<26.0	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
Hexachlorobutadiene	EPA 8270E	<21.1	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
Hexachlorocyclopentadiene	EPA 8270E	<84.8	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
Hexachloroethane	EPA 8270E	<37.0	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
Indeno(1,2,3-cd) pyrene	EPA 8270E	78.7		µg/kg	17.9	1	02/15/26 15:23	02/12/26 13:34
Isophorone	EPA 8270E	<17.5	U	µg/kg	447	1	02/15/26 15:23	02/12/26 13:34
Methylphenol, Total	EPA 8270E	<24.2	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:15
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB01 (1-2')_20260209

Lab ID: HN2601890-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<11.4	U	µg/kg	17.9	1	02/15/26 15:23	02/12/26 13:34
Nitrobenzene	EPA 8270E	<30.0	U	µg/kg	447	1	02/15/26 15:23	02/12/26 13:34
n-Nitrosodi-n-propylamine	EPA 8270E	<14.8	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
N-Nitrosodiphenylamine	EPA 8270E	<51.8	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
Pentachlorophenol	EPA 8270E	<71.0	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
Phenanthrene	EPA 8270E	51.9		µg/kg	17.9	1	02/15/26 15:23	02/12/26 13:34
Phenol	EPA 8270E	<44.9	U	µg/kg	88.5	1	02/15/26 15:23	02/12/26 13:34
Pyrene	EPA 8270E	105		µg/kg	17.9	1	02/15/26 15:23	02/12/26 13:34
Pyridine	EPA 8270E	<176	U	µg/kg	447	1	02/15/26 15:23	02/12/26 13:34
<i>Surr: 2,4,6-Tribromophenol</i>	<i>EPA 8270E</i>	77.2		%REC	48-94	1	02/15/26 15:23	02/12/26 13:34
<i>Surr: 2-Fluorobiphenyl</i>	<i>EPA 8270E</i>	77.2		%REC	50-103	1	02/15/26 15:23	02/12/26 13:34
<i>Surr: 2-Fluorophenol</i>	<i>EPA 8270E</i>	80.4		%REC	43-105	1	02/15/26 15:23	02/12/26 13:34
<i>Surr: 4-Terphenyl-d14</i>	<i>EPA 8270E</i>	73.9		%REC	55-111	1	02/15/26 15:23	02/12/26 13:34
<i>Surr: Nitrobenzene-d5</i>	<i>EPA 8270E</i>	86.5		%REC	47-100	1	02/15/26 15:23	02/12/26 13:34
<i>Surr: Phenol-d6</i>	<i>EPA 8270E</i>	84.4		%REC	49-110	1	02/15/26 15:23	02/12/26 13:34

Volatile Organic Compounds by GC-MS

1,1,1-Trichloroethane	EPA 8260D	<17.2	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
1,1,2,2-Tetrachloroethane	EPA 8260D	<16.7	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<24.0	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
1,1,2-Trichloroethane	EPA 8260D	<16.1	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
1,1-Dichloroethane	EPA 8260D	<13.8	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
1,1-Dichloroethylene	EPA 8260D	<12.3	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
1,2,3-Trichlorobenzene	EPA 8260D	<45.5	U	µg/kg	126	1	02/12/26 02:58	02/10/26 15:02
1,2,3-Trichloropropane	EPA 8260D	<15.9	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
1,2,4-Trichlorobenzene	EPA 8260D	<43.0	U	µg/kg	126	1	02/12/26 02:58	02/10/26 15:02
1,2,4-Trimethylbenzene	EPA 8260D	<27.8	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<34.9	U	µg/kg	126	1	02/12/26 02:58	02/10/26 15:02
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<22.3	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<14.4	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:15
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB01 (1-2')_20260209

Lab ID: HN2601890-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<22.3	U	µg/kg	126	1	02/12/26 02:58	02/10/26 15:02
1,2-Dichloropropane	EPA 8260D	<27.9	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
1,3,5-Trimethylbenzene	EPA 8260D	<26.8	U	µg/kg	126	1	02/12/26 02:58	02/10/26 15:02
1,3-Dichlorobenzene (m- Dichlorobenzene)	EPA 8260D	<26.2	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
1,3-Dichloropropene	EPA 8260D	<21.2	U	µg/kg	75.8	1	02/12/26 02:58	02/10/26 15:02
1,4-Dichlorobenzene (p- Dichlorobenzene)	EPA 8260D	<30.8	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<90.3	U	µg/kg	253	1	02/12/26 02:58	02/10/26 15:02
2-Hexanone	EPA 8260D	<18.8	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<35.3	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Acetone	EPA 8260D	<113	U	µg/kg	126	1	02/12/26 02:58	02/10/26 15:02
Benzene	EPA 8260D	<18.4	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Bromochloromethane	EPA 8260D	<19.3	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Bromodichloromethane	EPA 8260D	<21.2	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Bromoform	EPA 8260D	<16.0	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Carbon disulfide	EPA 8260D	<19.6	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Carbon tetrachloride	EPA 8260D	<14.8	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Chlorobenzene	EPA 8260D	<12.6	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Chlorodibromomethane	EPA 8260D	<21.3	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Chloroethane (Ethyl chloride)	EPA 8260D	<106	U	µg/kg	126	1	02/12/26 02:58	02/10/26 15:02
Chloroform	EPA 8260D	<13.9	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
cis-1,2-Dichloroethylene	EPA 8260D	<24.4	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
cis-1,3-Dichloropropene	EPA 8260D	<28.6	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Cyclohexane	EPA 8260D	<29.0	U	µg/kg	126	1	02/12/26 02:58	02/10/26 15:02
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<45.9	U	µg/kg	126	1	02/12/26 02:58	02/10/26 15:02
Ethylbenzene	EPA 8260D	<26.9	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Isopropylbenzene	EPA 8260D	<24.0	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
m+p-Xylene	EPA 8260D	<50.6	U	µg/kg	75.8	1	02/12/26 02:58	02/10/26 15:02
Methyl acetate	EPA 8260D	<45.4	U	µg/kg	316	1	02/12/26 02:58	02/10/26 15:02
Methyl bromide (Bromomethane)	EPA 8260D	<72.5	U	µg/kg	126	1	02/12/26 02:58	02/10/26 15:02

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:15
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB01 (1-2')_20260209

Lab ID: HN2601890-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<104	U	µg/kg	126	1	02/12/26 02:58	02/10/26 15:02
Methyl tert-butyl ether (MTBE)	EPA 8260D	<27.7	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Methylcyclohexane	EPA 8260D	<14.5	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Methylene chloride (Dichloromethane)	EPA 8260D	<101	U	µg/kg	316	1	02/12/26 02:58	02/10/26 15:02
o-Xylene	EPA 8260D	<14.7	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Styrene	EPA 8260D	<15.0	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<22.8	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Toluene	EPA 8260D	<31.3	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Total Xylene	EPA 8260D	<14.7	U	µg/kg	114	1	02/12/26 02:58	02/10/26 15:02
trans-1,2-Dichloroethylene	EPA 8260D	<31.3	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
trans-1,3-Dichloropropylene	EPA 8260D	<21.2	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Trichloroethene (Trichloroethylene)	EPA 8260D	<17.0	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<19.4	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
Vinyl chloride (Chloroethene)	EPA 8260D	<25.2	U	µg/kg	37.9	1	02/12/26 02:58	02/10/26 15:02
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>EPA 8260D</i>	98.2		%REC	80-120	1	02/12/26 02:58	02/10/26 15:02
<i>Surr: 4-Bromofluorobenzene</i>	<i>EPA 8260D</i>	107		%REC	80-120	1	02/12/26 02:58	02/10/26 15:02
<i>Surr: Dibromofluoromethane</i>	<i>EPA 8260D</i>	101		%REC	72-120	1	02/12/26 02:58	02/10/26 15:02
<i>Surr: Toluene-d8</i>	<i>EPA 8260D</i>	103		%REC	80-120	1	02/12/26 02:58	02/10/26 15:02

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:20
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB02 (3-4')_20260209

Lab ID: HN2601890-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<2.46	U	µg/kg	13.4	1	02/16/26 08:22	02/12/26 10:45
2,4,5-TP (Silvex)	EPA 8151A	<4.39	U	µg/kg	13.4	1	02/16/26 08:22	02/12/26 10:45
2,4-D	EPA 8151A	<7.14	U	µg/kg	26.8	1	02/16/26 08:22	02/12/26 10:45
Surr: DCAA	EPA 8151A	78.0		%REC	10-116	1	02/16/26 08:22	02/12/26 10:45
General Chemistry Parameters								
Percent Moisture	EPA 3550C	13.5		%	0.1	1	02/10/26 14:14	NA
Chloride	EPA 9056A	68.1		mg/kg	12.5	1	02/12/26 21:24	02/12/26 13:25
Metals								
Arsenic	EPA 6020B	7.34		mg/kg	3.02	10	02/16/26 18:41	02/16/26 09:18
Barium	EPA 6020B	76.1		mg/kg	3.02	10	02/16/26 18:41	02/16/26 09:18
Cadmium	EPA 6020B	<0.181	U	mg/kg	1.21	10	02/16/26 18:41	02/16/26 09:18
Chromium	EPA 6020B	15.3		mg/kg	3.02	10	02/16/26 18:41	02/16/26 09:18
Copper	EPA 6020B	19.8		mg/kg	3.02	10	02/16/26 18:41	02/16/26 09:18
Lead	EPA 6020B	10.4		mg/kg	3.02	10	02/16/26 18:41	02/16/26 09:18
Selenium	EPA 6020B	<2.78	U	mg/kg	3.02	10	02/16/26 18:41	02/16/26 09:18
Silver	EPA 6020B	<0.399	U	mg/kg	3.02	10	02/16/26 18:41	02/16/26 09:18
Zinc	EPA 6020B	68.2		mg/kg	6.04	10	02/16/26 18:41	02/16/26 09:18
Mercury	EPA 7471B	<0.0136	U	mg/kg	0.0200	1	02/16/26 13:04	02/13/26 13:21
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<17.5	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
4,4'-DDE	EPA 8081B	<18.0	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
4,4'-DDT	EPA 8081B	<18.2	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
Aldrin	EPA 8081B	<17.8	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
alpha-BHC	EPA 8081B	<18.0	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
beta-BHC	EPA 8081B	<18.0	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
Chlordane, Technical	EPA 8081B	<27.1	U	µg/kg	68.4	1	02/14/26 22:53	02/12/26 12:37
cis-Chlordane	EPA 8081B	83.5		µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
delta-BHC	EPA 8081B	<17.9	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
Dieldrin	EPA 8081B	<19.1	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:20
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB02 (3-4')_20260209

Lab ID: HN2601890-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<18.4	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
Endosulfan II	EPA 8081B	<18.1	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
Endosulfan sulfate	EPA 8081B	<16.8	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
Endrin	EPA 8081B	<22.1	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
Endrin aldehyde	EPA 8081B	<17.3	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
Endrin ketone	EPA 8081B	<16.6	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
gamma-BHC (Lindane)	EPA 8081B	<17.9	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
Heptachlor	EPA 8081B	<17.6	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
Heptachlor epoxide	EPA 8081B	<18.1	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
Methoxychlor	EPA 8081B	<18.3	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
Toxaphene	EPA 8081B	<29.5	U	µg/kg	164	1	02/14/26 22:53	02/12/26 12:37
trans-Chlordane	EPA 8081B	<18.2	U	µg/kg	27.3	1	02/14/26 22:53	02/12/26 12:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8081B</i>	71.4		%REC	53-151	1	02/14/26 22:53	02/12/26 12:37
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8081B</i>	92.4		%REC	67-127	1	02/14/26 22:53	02/12/26 12:37

Polychlorinated Biphenyls (PCBs) by GC/ECD

Aroclor 1016	EPA 8082A	<62.5	U	µg/kg	182	1	02/13/26 23:22	02/12/26 12:37
Aroclor 1221	EPA 8082A	<62.5	U	µg/kg	182	1	02/13/26 23:22	02/12/26 12:37
Aroclor 1232	EPA 8082A	<62.5	U	µg/kg	182	1	02/13/26 23:22	02/12/26 12:37
Aroclor 1242	EPA 8082A	<62.5	U	µg/kg	182	1	02/13/26 23:22	02/12/26 12:37
Aroclor 1248	EPA 8082A	<62.5	U	µg/kg	182	1	02/13/26 23:22	02/12/26 12:37
Aroclor 1254	EPA 8082A	<50.9	U	µg/kg	182	1	02/13/26 23:22	02/12/26 12:37
Aroclor 1260	EPA 8082A	<50.9	U	µg/kg	182	1	02/13/26 23:22	02/12/26 12:37
Aroclor 1262	EPA 8082A	<50.9	U	µg/kg	182	1	02/13/26 23:22	02/12/26 12:37
Aroclor 1268	EPA 8082A	<50.9	U	µg/kg	182	1	02/13/26 23:22	02/12/26 12:37
Total PCB	EPA 8082A	<50.9	U	µg/kg	182	1	02/13/26 23:22	02/12/26 12:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8082A</i>	89.5		%REC	54-146	1	02/13/26 23:22	02/12/26 12:37
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8082A</i>	87.5		%REC	58-140	1	02/13/26 23:22	02/12/26 12:37

Semivolatile Organic Compounds by GC-MS

1,1'-Biphenyl (BZ-0)	EPA 8270E	<67.7	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<96.3	U	µg/kg	4170	5	02/15/26 20:49	02/12/26 13:34

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:20
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB02 (3-4')_20260209

Lab ID: HN2601890-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<299	U	µg/kg	2090	5	02/15/26 20:49	02/12/26 13:34
1-Methylnaphthalene	EPA 8270E	<60.1	U	µg/kg	83.5	5	02/15/26 20:49	02/12/26 13:34
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<97.8	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
2,3,4,6-Tetrachlorophenol	EPA 8270E	<306	U	µg/kg	835	5	02/15/26 20:49	02/12/26 13:34
2,4,5-Trichlorophenol	EPA 8270E	<247	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
2,4,6-Trichlorophenol	EPA 8270E	<111	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
2,4-Dichlorophenol	EPA 8270E	<225	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
2,4-Dimethylphenol	EPA 8270E	<215	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
2,4-Dinitrophenol	EPA 8270E	<3050	U	µg/kg	4170	5	02/15/26 20:49	02/12/26 13:34
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<271	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<107	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
2-Chloronaphthalene	EPA 8270E	<58.4	U	µg/kg	83.5	5	02/15/26 20:49	02/12/26 13:34
2-Chlorophenol	EPA 8270E	<273	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<349	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
2-Methylnaphthalene	EPA 8270E	<42.5	U	µg/kg	83.5	5	02/15/26 20:49	02/12/26 13:34
2-Methylphenol (o-Cresol)	EPA 8270E	<113	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
2-Nitroaniline	EPA 8270E	<232	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
2-Nitrophenol	EPA 8270E	<119	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
3&4-Methylphenol	EPA 8270E	<228	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
3,3'-Dichlorobenzidine	EPA 8270E	<195	U	µg/kg	2090	5	02/15/26 20:49	02/12/26 13:34
3-Nitroaniline	EPA 8270E	<242	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<229	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
4-Chloro-3-methylphenol	EPA 8270E	<119	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
4-Chloroaniline	EPA 8270E	<212	U	µg/kg	835	5	02/15/26 20:49	02/12/26 13:34
4-Chlorophenyl phenylether	EPA 8270E	<115	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
4-Nitroaniline	EPA 8270E	<647	U	µg/kg	2090	5	02/15/26 20:49	02/12/26 13:34
4-Nitrophenol	EPA 8270E	<978	U	µg/kg	4170	5	02/15/26 20:49	02/12/26 13:34
Acenaphthene	EPA 8270E	<60.4	U	µg/kg	83.5	5	02/15/26 20:49	02/12/26 13:34

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:20
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB02 (3-4')_20260209

Lab ID: HN2601890-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<72.4	U	µg/kg	83.5	5	02/15/26 20:49	02/12/26 13:34
Acetophenone	EPA 8270E	<65.4	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
Anthracene	EPA 8270E	<58.9	U	µg/kg	83.5	5	02/15/26 20:49	02/12/26 13:34
Atrazine	EPA 8270E	<245	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
Benzaldehyde	EPA 8270E	<641	U	µg/kg	835	5	02/15/26 20:49	02/12/26 13:34
Benzo(a)anthracene	EPA 8270E	83.5		µg/kg	83.5	5	02/15/26 20:49	02/12/26 13:34
Benzo(a)pyrene	EPA 8270E	<51.2	U	µg/kg	83.5	5	02/15/26 20:49	02/12/26 13:34
Benzo(b)fluoranthene	EPA 8270E	<62.2	U	µg/kg	83.5	5	02/15/26 20:49	02/12/26 13:34
Benzo(g,h,i)perylene	EPA 8270E	<64.0	U	µg/kg	83.5	5	02/15/26 20:49	02/12/26 13:34
Benzo(k)fluoranthene	EPA 8270E	<63.2	U	µg/kg	83.5	5	02/15/26 20:49	02/12/26 13:34
bis(2-Chloroethoxy) methane	EPA 8270E	<264	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
bis(2-Chloroethyl) ether	EPA 8270E	<118	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
Butyl benzyl phthalate	EPA 8270E	<523	U	µg/kg	835	5	02/15/26 20:49	02/12/26 13:34
Caprolactam	EPA 8270E	<377	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
Carbazole	EPA 8270E	<123	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
Chrysene	EPA 8270E	<67.5	U	µg/kg	83.5	5	02/15/26 20:49	02/12/26 13:34
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	<345	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
Dibenz(a,h) anthracene	EPA 8270E	<45.1	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
Dibenzofuran	EPA 8270E	<61.4	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
Diethyl phthalate	EPA 8270E	<142	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
Dimethyl phthalate	EPA 8270E	<81.4	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
Fluoranthene	EPA 8270E	83.5		µg/kg	83.5	5	02/15/26 20:49	02/12/26 13:34
Fluorene	EPA 8270E	<60.6	U	µg/kg	83.5	5	02/15/26 20:49	02/12/26 13:34
Hexachlorobenzene	EPA 8270E	<121	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
Hexachlorobutadiene	EPA 8270E	<98.3	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
Hexachlorocyclopentadiene	EPA 8270E	<396	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
Hexachloroethane	EPA 8270E	<173	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
Indeno(1,2,3-cd) pyrene	EPA 8270E	<58.1	U	µg/kg	83.5	5	02/15/26 20:49	02/12/26 13:34
Isophorone	EPA 8270E	<81.5	U	µg/kg	2090	5	02/15/26 20:49	02/12/26 13:34
Methylphenol, Total	EPA 8270E	<113	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:20
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB02 (3-4')_20260209

Lab ID: HN2601890-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<53.3	U	µg/kg	83.5	5	02/15/26 20:49	02/12/26 13:34
Nitrobenzene	EPA 8270E	<140	U	µg/kg	2090	5	02/15/26 20:49	02/12/26 13:34
n-Nitrosodi-n-propylamine	EPA 8270E	<68.9	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
N-Nitrosodiphenylamine	EPA 8270E	<242	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
Pentachlorophenol	EPA 8270E	<332	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
Phenanthrene	EPA 8270E	<38.8	U	µg/kg	83.5	5	02/15/26 20:49	02/12/26 13:34
Phenol	EPA 8270E	<210	U	µg/kg	413	5	02/15/26 20:49	02/12/26 13:34
Pyrene	EPA 8270E	100		µg/kg	83.5	5	02/15/26 20:49	02/12/26 13:34
Pyridine	EPA 8270E	<822	U	µg/kg	2090	5	02/15/26 20:49	02/12/26 13:34
<i>Surr: 2,4,6-Tribromophenol</i>	<i>EPA 8270E</i>	75.8		%REC	48-94	5	02/15/26 20:49	02/12/26 13:34
<i>Surr: 2-Fluorobiphenyl</i>	<i>EPA 8270E</i>	76.4		%REC	50-103	5	02/15/26 20:49	02/12/26 13:34
<i>Surr: 2-Fluorophenol</i>	<i>EPA 8270E</i>	75.3		%REC	43-105	5	02/15/26 20:49	02/12/26 13:34
<i>Surr: 4-Terphenyl-d14</i>	<i>EPA 8270E</i>	70.8		%REC	55-111	5	02/15/26 20:49	02/12/26 13:34
<i>Surr: Nitrobenzene-d5</i>	<i>EPA 8270E</i>	75.8		%REC	47-100	5	02/15/26 20:49	02/12/26 13:34
<i>Surr: Phenol-d6</i>	<i>EPA 8270E</i>	80.1		%REC	49-110	5	02/15/26 20:49	02/12/26 13:34

Volatile Organic Compounds by GC-MS

1,1,1-Trichloroethane	EPA 8260D	<15.0	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
1,1,2,2-Tetrachloroethane	EPA 8260D	<14.5	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<20.9	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
1,1,2-Trichloroethane	EPA 8260D	<14.0	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
1,1-Dichloroethane	EPA 8260D	<12.0	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
1,1-Dichloroethylene	EPA 8260D	<10.7	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
1,2,3-Trichlorobenzene	EPA 8260D	<39.6	U	µg/kg	110	1	02/12/26 03:17	02/10/26 15:02
1,2,3-Trichloropropane	EPA 8260D	<13.8	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
1,2,4-Trichlorobenzene	EPA 8260D	<37.4	U	µg/kg	110	1	02/12/26 03:17	02/10/26 15:02
1,2,4-Trimethylbenzene	EPA 8260D	<24.2	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<30.3	U	µg/kg	110	1	02/12/26 03:17	02/10/26 15:02
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<19.4	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<12.5	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:20
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB02 (3-4')_20260209

Lab ID: HN2601890-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<19.4	U	µg/kg	110	1	02/12/26 03:17	02/10/26 15:02
1,2-Dichloropropane	EPA 8260D	<24.3	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
1,3,5-Trimethylbenzene	EPA 8260D	<23.3	U	µg/kg	110	1	02/12/26 03:17	02/10/26 15:02
1,3-Dichlorobenzene (m- Dichlorobenzene)	EPA 8260D	<22.8	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
1,3-Dichloropropene	EPA 8260D	<18.4	U	µg/kg	65.9	1	02/12/26 03:17	02/10/26 15:02
1,4-Dichlorobenzene (p- Dichlorobenzene)	EPA 8260D	<26.8	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<78.5	U	µg/kg	220	1	02/12/26 03:17	02/10/26 15:02
2-Hexanone	EPA 8260D	<16.3	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<30.7	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Acetone	EPA 8260D	<97.8	U	µg/kg	110	1	02/12/26 03:17	02/10/26 15:02
Benzene	EPA 8260D	<16.0	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Bromochloromethane	EPA 8260D	<16.8	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Bromodichloromethane	EPA 8260D	<18.5	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Bromoform	EPA 8260D	<13.9	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Carbon disulfide	EPA 8260D	<17.1	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Carbon tetrachloride	EPA 8260D	<12.9	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Chlorobenzene	EPA 8260D	<10.9	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Chlorodibromomethane	EPA 8260D	<18.5	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Chloroethane (Ethyl chloride)	EPA 8260D	<92.3	U	µg/kg	110	1	02/12/26 03:17	02/10/26 15:02
Chloroform	EPA 8260D	<12.1	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
cis-1,2-Dichloroethylene	EPA 8260D	<21.2	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
cis-1,3-Dichloropropene	EPA 8260D	<24.8	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Cyclohexane	EPA 8260D	<25.2	U	µg/kg	110	1	02/12/26 03:17	02/10/26 15:02
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<39.9	U	µg/kg	110	1	02/12/26 03:17	02/10/26 15:02
Ethylbenzene	EPA 8260D	<23.4	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Isopropylbenzene	EPA 8260D	<20.8	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
m+p-Xylene	EPA 8260D	<44.0	U	µg/kg	65.9	1	02/12/26 03:17	02/10/26 15:02
Methyl acetate	EPA 8260D	<39.5	U	µg/kg	275	1	02/12/26 03:17	02/10/26 15:02
Methyl bromide (Bromomethane)	EPA 8260D	<63.0	U	µg/kg	110	1	02/12/26 03:17	02/10/26 15:02

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:20
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB02 (3-4')_20260209

Lab ID: HN2601890-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<90.1	U	µg/kg	110	1	02/12/26 03:17	02/10/26 15:02
Methyl tert-butyl ether (MTBE)	EPA 8260D	<24.0	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Methylcyclohexane	EPA 8260D	<12.6	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Methylene chloride (Dichloromethane)	EPA 8260D	<87.5	U	µg/kg	275	1	02/12/26 03:17	02/10/26 15:02
o-Xylene	EPA 8260D	<12.7	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Styrene	EPA 8260D	<13.1	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<19.9	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Toluene	EPA 8260D	<27.2	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Total Xylene	EPA 8260D	<12.7	U	µg/kg	98.9	1	02/12/26 03:17	02/10/26 15:02
trans-1,2-Dichloroethylene	EPA 8260D	<27.2	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
trans-1,3-Dichloropropylene	EPA 8260D	<18.4	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Trichloroethene (Trichloroethylene)	EPA 8260D	<14.8	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<16.9	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
Vinyl chloride (Chloroethene)	EPA 8260D	<21.9	U	µg/kg	33.0	1	02/12/26 03:17	02/10/26 15:02
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>EPA 8260D</i>	104		%REC	80-120	1	02/12/26 03:17	02/10/26 15:02
<i>Surr: 4-Bromofluorobenzene</i>	<i>EPA 8260D</i>	103		%REC	80-120	1	02/12/26 03:17	02/10/26 15:02
<i>Surr: Dibromofluoromethane</i>	<i>EPA 8260D</i>	106		%REC	72-120	1	02/12/26 03:17	02/10/26 15:02
<i>Surr: Toluene-d8</i>	<i>EPA 8260D</i>	100		%REC	80-120	1	02/12/26 03:17	02/10/26 15:02

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:25
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB03 (5-6')_20260209

Lab ID: HN2601890-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<2.64	U	µg/kg	14.4	1	02/16/26 08:22	02/12/26 10:45
2,4,5-TP (Silvex)	EPA 8151A	<4.71	U	µg/kg	14.4	1	02/16/26 08:22	02/12/26 10:45
2,4-D	EPA 8151A	<7.67	U	µg/kg	28.7	1	02/16/26 08:22	02/12/26 10:45
Surr: DCAA	EPA 8151A	74.0		%REC	10-116	1	02/16/26 08:22	02/12/26 10:45
General Chemistry Parameters								
Percent Moisture	EPA 3550C	16.6		%	0.1	1	02/10/26 14:14	NA
Chloride	EPA 9056A	13.9		mg/kg	12.6	1	02/12/26 21:32	02/12/26 13:25
Metals								
Arsenic	EPA 6020B	10.9		mg/kg	3.46	10	02/16/26 18:43	02/16/26 09:18
Barium	EPA 6020B	73.8		mg/kg	3.46	10	02/16/26 18:43	02/16/26 09:18
Cadmium	EPA 6020B	<0.208	U	mg/kg	1.38	10	02/16/26 18:43	02/16/26 09:18
Chromium	EPA 6020B	23.7		mg/kg	3.46	10	02/16/26 18:43	02/16/26 09:18
Copper	EPA 6020B	17.8		mg/kg	3.46	10	02/16/26 18:43	02/16/26 09:18
Lead	EPA 6020B	11.3		mg/kg	3.46	10	02/16/26 18:43	02/16/26 09:18
Selenium	EPA 6020B	<3.18	U	mg/kg	3.46	10	02/16/26 18:43	02/16/26 09:18
Silver	EPA 6020B	<0.457	U	mg/kg	3.46	10	02/16/26 18:43	02/16/26 09:18
Zinc	EPA 6020B	57.2		mg/kg	6.92	10	02/16/26 18:43	02/16/26 09:18
Mercury	EPA 7471B	0.0425		mg/kg	0.0214	1	02/17/26 11:15	02/16/26 14:54
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<16.8	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
4,4'-DDE	EPA 8081B	<17.3	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
4,4'-DDT	EPA 8081B	<17.5	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
Aldrin	EPA 8081B	<17.1	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
alpha-BHC	EPA 8081B	<17.3	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
beta-BHC	EPA 8081B	<17.2	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
Chlordane, Technical	EPA 8081B	<26.0	U	µg/kg	65.6	1	02/14/26 23:07	02/12/26 12:37
cis-Chlordane	EPA 8081B	<17.5	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
delta-BHC	EPA 8081B	<17.2	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
Dieldrin	EPA 8081B	<18.4	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:25
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB03 (5-6')_20260209

Lab ID: HN2601890-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<17.6	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
Endosulfan II	EPA 8081B	<17.4	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
Endosulfan sulfate	EPA 8081B	<16.2	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
Endrin	EPA 8081B	<21.2	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
Endrin aldehyde	EPA 8081B	<16.6	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
Endrin ketone	EPA 8081B	<16.0	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
gamma-BHC (Lindane)	EPA 8081B	<17.2	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
Heptachlor	EPA 8081B	<16.9	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
Heptachlor epoxide	EPA 8081B	<17.4	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
Methoxychlor	EPA 8081B	<17.6	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
Toxaphene	EPA 8081B	<28.4	U	µg/kg	158	1	02/14/26 23:07	02/12/26 12:37
trans-Chlordane	EPA 8081B	<17.4	U	µg/kg	26.3	1	02/14/26 23:07	02/12/26 12:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8081B</i>	83.6		%REC	53-151	1	02/14/26 23:07	02/12/26 12:37
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8081B</i>	98.0		%REC	67-127	1	02/14/26 23:07	02/12/26 12:37

Polychlorinated Biphenyls (PCBs) by GC/ECD

Aroclor 1016	EPA 8082A	<60.0	U	µg/kg	175	1	02/13/26 23:34	02/12/26 12:37
Aroclor 1221	EPA 8082A	<60.0	U	µg/kg	175	1	02/13/26 23:34	02/12/26 12:37
Aroclor 1232	EPA 8082A	<60.0	U	µg/kg	175	1	02/13/26 23:34	02/12/26 12:37
Aroclor 1242	EPA 8082A	<60.0	U	µg/kg	175	1	02/13/26 23:34	02/12/26 12:37
Aroclor 1248	EPA 8082A	<60.0	U	µg/kg	175	1	02/13/26 23:34	02/12/26 12:37
Aroclor 1254	EPA 8082A	<48.9	U	µg/kg	175	1	02/13/26 23:34	02/12/26 12:37
Aroclor 1260	EPA 8082A	<48.9	U	µg/kg	175	1	02/13/26 23:34	02/12/26 12:37
Aroclor 1262	EPA 8082A	<48.9	U	µg/kg	175	1	02/13/26 23:34	02/12/26 12:37
Aroclor 1268	EPA 8082A	<48.9	U	µg/kg	175	1	02/13/26 23:34	02/12/26 12:37
Total PCB	EPA 8082A	<48.9	U	µg/kg	175	1	02/13/26 23:34	02/12/26 12:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8082A</i>	88.8		%REC	54-146	1	02/13/26 23:34	02/12/26 12:37
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8082A</i>	85.6		%REC	58-140	1	02/13/26 23:34	02/12/26 12:37

Semivolatile Organic Compounds by GC-MS

1,1'-Biphenyl (BZ-0)	EPA 8270E	<15.2	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<21.6	U	µg/kg	934	1	02/15/26 15:50	02/12/26 13:34

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:25
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB03 (5-6')_20260209

Lab ID: HN2601890-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<67.0	U	µg/kg	467	1	02/15/26 15:50	02/12/26 13:34
1-Methylnaphthalene	EPA 8270E	<13.5	U	µg/kg	18.7	1	02/15/26 15:50	02/12/26 13:34
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<21.9	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
2,3,4,6-Tetrachlorophenol	EPA 8270E	<68.4	U	µg/kg	187	1	02/15/26 15:50	02/12/26 13:34
2,4,5-Trichlorophenol	EPA 8270E	<55.4	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
2,4,6-Trichlorophenol	EPA 8270E	<24.9	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
2,4-Dichlorophenol	EPA 8270E	<50.3	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
2,4-Dimethylphenol	EPA 8270E	<48.1	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
2,4-Dinitrophenol	EPA 8270E	<683	U	µg/kg	934	1	02/15/26 15:50	02/12/26 13:34
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<60.7	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<23.9	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
2-Chloronaphthalene	EPA 8270E	<13.1	U	µg/kg	18.7	1	02/15/26 15:50	02/12/26 13:34
2-Chlorophenol	EPA 8270E	<61.2	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<78.1	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
2-Methylnaphthalene	EPA 8270E	<9.51	U	µg/kg	18.7	1	02/15/26 15:50	02/12/26 13:34
2-Methylphenol (o-Cresol)	EPA 8270E	<25.3	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
2-Nitroaniline	EPA 8270E	<51.9	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
2-Nitrophenol	EPA 8270E	<26.6	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
3&4-Methylphenol	EPA 8270E	<50.9	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
3,3'-Dichlorobenzidine	EPA 8270E	<43.6	U	µg/kg	467	1	02/15/26 15:50	02/12/26 13:34
3-Nitroaniline	EPA 8270E	<54.3	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<51.2	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
4-Chloro-3-methylphenol	EPA 8270E	<26.6	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
4-Chloroaniline	EPA 8270E	<47.5	U	µg/kg	187	1	02/15/26 15:50	02/12/26 13:34
4-Chlorophenyl phenylether	EPA 8270E	<25.8	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
4-Nitroaniline	EPA 8270E	<145	U	µg/kg	467	1	02/15/26 15:50	02/12/26 13:34
4-Nitrophenol	EPA 8270E	<219	U	µg/kg	934	1	02/15/26 15:50	02/12/26 13:34
Acenaphthene	EPA 8270E	<13.5	U	µg/kg	18.7	1	02/15/26 15:50	02/12/26 13:34

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:25
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB03 (5-6')_20260209

Lab ID: HN2601890-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<16.2	U	µg/kg	18.7	1	02/15/26 15:50	02/12/26 13:34
Acetophenone	EPA 8270E	<14.6	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
Anthracene	EPA 8270E	<13.2	U	µg/kg	18.7	1	02/15/26 15:50	02/12/26 13:34
Atrazine	EPA 8270E	<54.8	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
Benzaldehyde	EPA 8270E	<144	U	µg/kg	187	1	02/15/26 15:50	02/12/26 13:34
Benzo(a)anthracene	EPA 8270E	<16.2	U	µg/kg	18.7	1	02/15/26 15:50	02/12/26 13:34
Benzo(a)pyrene	EPA 8270E	18.7		µg/kg	18.7	1	02/15/26 15:50	02/12/26 13:34
Benzo(b)fluoranthene	EPA 8270E	22.4		µg/kg	18.7	1	02/15/26 15:50	02/12/26 13:34
Benzo(g,h,i)perylene	EPA 8270E	<14.3	U	µg/kg	18.7	1	02/15/26 15:50	02/12/26 13:34
Benzo(k)fluoranthene	EPA 8270E	<14.2	U	µg/kg	18.7	1	02/15/26 15:50	02/12/26 13:34
bis(2-Chloroethoxy) methane	EPA 8270E	<59.2	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
bis(2-Chloroethyl) ether	EPA 8270E	<26.5	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
Butyl benzyl phthalate	EPA 8270E	<117	U	µg/kg	187	1	02/15/26 15:50	02/12/26 13:34
Caprolactam	EPA 8270E	<84.3	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
Carbazole	EPA 8270E	<27.5	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
Chrysene	EPA 8270E	<15.1	U	µg/kg	18.7	1	02/15/26 15:50	02/12/26 13:34
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	<77.3	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
Dibenz(a,h) anthracene	EPA 8270E	<10.1	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
Dibenzofuran	EPA 8270E	<13.7	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
Diethyl phthalate	EPA 8270E	<31.8	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
Dimethyl phthalate	EPA 8270E	<18.2	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
Fluoranthene	EPA 8270E	20.6		µg/kg	18.7	1	02/15/26 15:50	02/12/26 13:34
Fluorene	EPA 8270E	<13.6	U	µg/kg	18.7	1	02/15/26 15:50	02/12/26 13:34
Hexachlorobenzene	EPA 8270E	<27.2	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
Hexachlorobutadiene	EPA 8270E	<22.0	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
Hexachlorocyclopentadiene	EPA 8270E	<88.6	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
Hexachloroethane	EPA 8270E	<38.7	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
Indeno(1,2,3-cd) pyrene	EPA 8270E	<13.0	U	µg/kg	18.7	1	02/15/26 15:50	02/12/26 13:34
Isophorone	EPA 8270E	<18.3	U	µg/kg	467	1	02/15/26 15:50	02/12/26 13:34
Methylphenol, Total	EPA 8270E	<25.3	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:25
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB03 (5-6')_20260209

Lab ID: HN2601890-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<11.9	U	µg/kg	18.7	1	02/15/26 15:50	02/12/26 13:34
Nitrobenzene	EPA 8270E	<31.4	U	µg/kg	467	1	02/15/26 15:50	02/12/26 13:34
n-Nitrosodi-n-propylamine	EPA 8270E	<15.4	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
N-Nitrosodiphenylamine	EPA 8270E	<54.1	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
Pentachlorophenol	EPA 8270E	<74.2	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
Phenanthrene	EPA 8270E	<8.69	U	µg/kg	18.7	1	02/15/26 15:50	02/12/26 13:34
Phenol	EPA 8270E	<46.9	U	µg/kg	92.5	1	02/15/26 15:50	02/12/26 13:34
Pyrene	EPA 8270E	18.7		µg/kg	18.7	1	02/15/26 15:50	02/12/26 13:34
Pyridine	EPA 8270E	<184	U	µg/kg	467	1	02/15/26 15:50	02/12/26 13:34
<i>Surr: 2,4,6-Tribromophenol</i>	<i>EPA 8270E</i>	74.0		%REC	48-94	1	02/15/26 15:50	02/12/26 13:34
<i>Surr: 2-Fluorobiphenyl</i>	<i>EPA 8270E</i>	69.8		%REC	50-103	1	02/15/26 15:50	02/12/26 13:34
<i>Surr: 2-Fluorophenol</i>	<i>EPA 8270E</i>	69.3		%REC	43-105	1	02/15/26 15:50	02/12/26 13:34
<i>Surr: 4-Terphenyl-d14</i>	<i>EPA 8270E</i>	72.5		%REC	55-111	1	02/15/26 15:50	02/12/26 13:34
<i>Surr: Nitrobenzene-d5</i>	<i>EPA 8270E</i>	76.5		%REC	47-100	1	02/15/26 15:50	02/12/26 13:34
<i>Surr: Phenol-d6</i>	<i>EPA 8270E</i>	74.9		%REC	49-110	1	02/15/26 15:50	02/12/26 13:34

Volatile Organic Compounds by GC-MS

1,1,1-Trichloroethane	EPA 8260D	<19.3	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
1,1,2,2-Tetrachloroethane	EPA 8260D	<18.8	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<26.9	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
1,1,2-Trichloroethane	EPA 8260D	<18.1	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
1,1-Dichloroethane	EPA 8260D	<15.5	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
1,1-Dichloroethylene	EPA 8260D	<13.8	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
1,2,3-Trichlorobenzene	EPA 8260D	<51.0	U	µg/kg	142	1	02/12/26 15:32	02/10/26 15:02
1,2,3-Trichloropropane	EPA 8260D	<17.8	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
1,2,4-Trichlorobenzene	EPA 8260D	<48.2	U	µg/kg	142	1	02/12/26 15:32	02/10/26 15:02
1,2,4-Trimethylbenzene	EPA 8260D	<31.2	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<39.1	U	µg/kg	142	1	02/12/26 15:32	02/10/26 15:02
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<25.0	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<16.1	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:25
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB03 (5-6')_20260209

Lab ID: HN2601890-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<25.0	U	µg/kg	142	1	02/12/26 15:32	02/10/26 15:02
1,2-Dichloropropane	EPA 8260D	<31.3	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
1,3,5-Trimethylbenzene	EPA 8260D	<30.0	U	µg/kg	142	1	02/12/26 15:32	02/10/26 15:02
1,3-Dichlorobenzene (m- Dichlorobenzene)	EPA 8260D	<29.3	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
1,3-Dichloropropene	EPA 8260D	<23.7	U	µg/kg	85.0	1	02/12/26 15:32	02/10/26 15:02
1,4-Dichlorobenzene (p- Dichlorobenzene)	EPA 8260D	<34.5	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<101	U	µg/kg	283	1	02/12/26 15:32	02/10/26 15:02
2-Hexanone	EPA 8260D	<21.1	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<39.6	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Acetone	EPA 8260D	<126	U	µg/kg	142	1	02/12/26 15:32	02/10/26 15:02
Benzene	EPA 8260D	<20.6	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Bromochloromethane	EPA 8260D	<21.6	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Bromodichloromethane	EPA 8260D	<23.8	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Bromoform	EPA 8260D	<17.9	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Carbon disulfide	EPA 8260D	<22.0	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Carbon tetrachloride	EPA 8260D	<16.6	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Chlorobenzene	EPA 8260D	<14.1	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Chlorodibromomethane	EPA 8260D	<23.9	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Chloroethane (Ethyl chloride)	EPA 8260D	<119	U	µg/kg	142	1	02/12/26 15:32	02/10/26 15:02
Chloroform	EPA 8260D	<15.6	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
cis-1,2-Dichloroethylene	EPA 8260D	<27.3	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
cis-1,3-Dichloropropene	EPA 8260D	<32.0	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Cyclohexane	EPA 8260D	<32.5	U	µg/kg	142	1	02/12/26 15:32	02/10/26 15:02
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<51.4	U	µg/kg	142	1	02/12/26 15:32	02/10/26 15:02
Ethylbenzene	EPA 8260D	<30.1	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Isopropylbenzene	EPA 8260D	<26.8	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
m+p-Xylene	EPA 8260D	<56.7	U	µg/kg	85.0	1	02/12/26 15:32	02/10/26 15:02
Methyl acetate	EPA 8260D	<50.9	U	µg/kg	354	1	02/12/26 15:32	02/10/26 15:02
Methyl bromide (Bromomethane)	EPA 8260D	<81.3	U	µg/kg	142	1	02/12/26 15:32	02/10/26 15:02

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26 15:25
Date Received: 02/10/26 07:00

CLIENT ID: 3727 SB03 (5-6')_20260209

Lab ID: HN2601890-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<116	U	µg/kg	142	1	02/12/26 15:32	02/10/26 15:02
Methyl tert-butyl ether (MTBE)	EPA 8260D	<31.0	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Methylcyclohexane	EPA 8260D	<16.2	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Methylene chloride (Dichloromethane)	EPA 8260D	<113	U	µg/kg	354	1	02/12/26 15:32	02/10/26 15:02
o-Xylene	EPA 8260D	<16.4	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Styrene	EPA 8260D	<16.8	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<25.6	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Toluene	EPA 8260D	<35.0	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Total Xylene	EPA 8260D	<16.4	U	µg/kg	127	1	02/12/26 15:32	02/10/26 15:02
trans-1,2-Dichloroethylene	EPA 8260D	<35.1	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
trans-1,3-Dichloropropylene	EPA 8260D	<23.7	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Trichloroethene (Trichloroethylene)	EPA 8260D	<19.0	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<21.7	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
Vinyl chloride (Chloroethene)	EPA 8260D	<28.2	U	µg/kg	42.5	1	02/12/26 15:32	02/10/26 15:02
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>EPA 8260D</i>	101		%REC	80-120	1	02/12/26 15:32	02/10/26 15:02
<i>Surr: 4-Bromofluorobenzene</i>	<i>EPA 8260D</i>	104		%REC	80-120	1	02/12/26 15:32	02/10/26 15:02
<i>Surr: Dibromofluoromethane</i>	<i>EPA 8260D</i>	90.8		%REC	72-120	1	02/12/26 15:32	02/10/26 15:02
<i>Surr: Toluene-d8</i>	<i>EPA 8260D</i>	100		%REC	80-120	1	02/12/26 15:32	02/10/26 15:02

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26
Date Received: 02/10/26 07:00

CLIENT ID: 3727 DUP-1

Lab ID: HN2601890-004

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<2.72	U	µg/kg	14.8	1	02/16/26 08:22	02/12/26 10:45
2,4,5-TP (Silvex)	EPA 8151A	<4.84	U	µg/kg	14.8	1	02/16/26 08:22	02/12/26 10:45
2,4-D	EPA 8151A	<7.89	U	µg/kg	29.5	1	02/16/26 08:22	02/12/26 10:45
Surr: DCAA	EPA 8151A	82.0		%REC	10-116	1	02/16/26 08:22	02/12/26 10:45
General Chemistry Parameters								
Percent Moisture	EPA 3550C	18.1		%	0.1	1	02/10/26 14:14	NA
Chloride	EPA 9056A	<4.13	U	mg/kg	13.3	1	02/12/26 21:40	02/12/26 13:25
Metals								
Arsenic	EPA 6020B	11.0		mg/kg	3.59	10	02/16/26 18:45	02/16/26 09:18
Barium	EPA 6020B	81.9		mg/kg	3.59	10	02/16/26 18:45	02/16/26 09:18
Cadmium	EPA 6020B	<0.216	U	mg/kg	1.44	10	02/16/26 18:45	02/16/26 09:18
Chromium	EPA 6020B	21.9		mg/kg	3.59	10	02/16/26 18:45	02/16/26 09:18
Copper	EPA 6020B	18.9		mg/kg	3.59	10	02/16/26 18:45	02/16/26 09:18
Lead	EPA 6020B	20.8		mg/kg	3.59	10	02/16/26 18:45	02/16/26 09:18
Selenium	EPA 6020B	<3.31	U	mg/kg	3.59	10	02/16/26 18:45	02/16/26 09:18
Silver	EPA 6020B	<0.474	U	mg/kg	3.59	10	02/16/26 18:45	02/16/26 09:18
Zinc	EPA 6020B	74.1		mg/kg	7.18	10	02/16/26 18:45	02/16/26 09:18
Mercury	EPA 7471B	0.0367		mg/kg	0.0240	1	02/17/26 11:17	02/16/26 14:54
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<19.0	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
4,4'-DDE	EPA 8081B	<19.6	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
4,4'-DDT	EPA 8081B	<19.8	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
Aldrin	EPA 8081B	<19.4	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
alpha-BHC	EPA 8081B	<19.6	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
beta-BHC	EPA 8081B	<19.6	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
Chlordane, Technical	EPA 8081B	<29.5	U	µg/kg	74.5	1	02/14/26 23:21	02/12/26 12:37
cis-Chlordane	EPA 8081B	<19.9	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
delta-BHC	EPA 8081B	<19.5	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
Dieldrin	EPA 8081B	<20.8	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26
Date Received: 02/10/26 07:00

CLIENT ID: 3727 DUP-1

Lab ID: HN2601890-004

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<20.0	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
Endosulfan II	EPA 8081B	<19.7	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
Endosulfan sulfate	EPA 8081B	<18.3	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
Endrin	EPA 8081B	<24.1	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
Endrin aldehyde	EPA 8081B	<18.9	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
Endrin ketone	EPA 8081B	<18.1	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
gamma-BHC (Lindane)	EPA 8081B	<19.5	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
Heptachlor	EPA 8081B	<19.2	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
Heptachlor epoxide	EPA 8081B	<19.7	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
Methoxychlor	EPA 8081B	<19.9	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
Toxaphene	EPA 8081B	<32.2	U	µg/kg	179	1	02/14/26 23:21	02/12/26 12:37
trans-Chlordane	EPA 8081B	<19.8	U	µg/kg	29.8	1	02/14/26 23:21	02/12/26 12:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8081B</i>	82.6		%REC	53-151	1	02/14/26 23:21	02/12/26 12:37
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8081B</i>	94.0		%REC	67-127	1	02/14/26 23:21	02/12/26 12:37

Polychlorinated Biphenyls (PCBs) by GC/ECD

Aroclor 1016	EPA 8082A	<68.1	U	µg/kg	199	1	02/13/26 23:46	02/12/26 12:37
Aroclor 1221	EPA 8082A	<68.1	U	µg/kg	199	1	02/13/26 23:46	02/12/26 12:37
Aroclor 1232	EPA 8082A	<68.1	U	µg/kg	199	1	02/13/26 23:46	02/12/26 12:37
Aroclor 1242	EPA 8082A	<68.1	U	µg/kg	199	1	02/13/26 23:46	02/12/26 12:37
Aroclor 1248	EPA 8082A	<68.1	U	µg/kg	199	1	02/13/26 23:46	02/12/26 12:37
Aroclor 1254	EPA 8082A	<55.5	U	µg/kg	199	1	02/13/26 23:46	02/12/26 12:37
Aroclor 1260	EPA 8082A	<55.5	U	µg/kg	199	1	02/13/26 23:46	02/12/26 12:37
Aroclor 1262	EPA 8082A	<55.5	U	µg/kg	199	1	02/13/26 23:46	02/12/26 12:37
Aroclor 1268	EPA 8082A	<55.5	U	µg/kg	199	1	02/13/26 23:46	02/12/26 12:37
Total PCB	EPA 8082A	<55.5	U	µg/kg	199	1	02/13/26 23:46	02/12/26 12:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8082A</i>	83.5		%REC	54-146	1	02/13/26 23:46	02/12/26 12:37
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8082A</i>	86.7		%REC	58-140	1	02/13/26 23:46	02/12/26 12:37

Semivolatile Organic Compounds by GC-MS

1,1'-Biphenyl (BZ-0)	EPA 8270E	<15.1	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<21.5	U	µg/kg	932	1	02/15/26 16:17	02/12/26 13:34

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26
Date Received: 02/10/26 07:00

CLIENT ID: 3727 DUP-1

Lab ID: HN2601890-004

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<66.9	U	µg/kg	467	1	02/15/26 16:17	02/12/26 13:34
1-Methylnaphthalene	EPA 8270E	<13.4	U	µg/kg	18.7	1	02/15/26 16:17	02/12/26 13:34
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<21.9	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
2,3,4,6-Tetrachlorophenol	EPA 8270E	<68.3	U	µg/kg	187	1	02/15/26 16:17	02/12/26 13:34
2,4,5-Trichlorophenol	EPA 8270E	<55.3	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
2,4,6-Trichlorophenol	EPA 8270E	<24.8	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
2,4-Dichlorophenol	EPA 8270E	<50.2	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
2,4-Dimethylphenol	EPA 8270E	<48.0	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
2,4-Dinitrophenol	EPA 8270E	<682	U	µg/kg	932	1	02/15/26 16:17	02/12/26 13:34
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<60.6	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<23.8	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
2-Chloronaphthalene	EPA 8270E	<13.0	U	µg/kg	18.7	1	02/15/26 16:17	02/12/26 13:34
2-Chlorophenol	EPA 8270E	<61.1	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<77.9	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
2-Methylnaphthalene	EPA 8270E	<9.49	U	µg/kg	18.7	1	02/15/26 16:17	02/12/26 13:34
2-Methylphenol (o-Cresol)	EPA 8270E	<25.2	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
2-Nitroaniline	EPA 8270E	<51.8	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
2-Nitrophenol	EPA 8270E	<26.6	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
3&4-Methylphenol	EPA 8270E	<50.9	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
3,3'-Dichlorobenzidine	EPA 8270E	<43.6	U	µg/kg	467	1	02/15/26 16:17	02/12/26 13:34
3-Nitroaniline	EPA 8270E	<54.2	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<51.1	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
4-Chloro-3-methylphenol	EPA 8270E	<26.6	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
4-Chloroaniline	EPA 8270E	<47.4	U	µg/kg	187	1	02/15/26 16:17	02/12/26 13:34
4-Chlorophenyl phenylether	EPA 8270E	<25.8	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
4-Nitroaniline	EPA 8270E	<145	U	µg/kg	467	1	02/15/26 16:17	02/12/26 13:34
4-Nitrophenol	EPA 8270E	<219	U	µg/kg	932	1	02/15/26 16:17	02/12/26 13:34
Acenaphthene	EPA 8270E	<13.5	U	µg/kg	18.7	1	02/15/26 16:17	02/12/26 13:34

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26
Date Received: 02/10/26 07:00

CLIENT ID: 3727 DUP-1

Lab ID: HN2601890-004

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<16.2	U	µg/kg	18.7	1	02/15/26 16:17	02/12/26 13:34
Acetophenone	EPA 8270E	<14.6	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
Anthracene	EPA 8270E	<13.2	U	µg/kg	18.7	1	02/15/26 16:17	02/12/26 13:34
Atrazine	EPA 8270E	<54.7	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
Benzaldehyde	EPA 8270E	<143	U	µg/kg	187	1	02/15/26 16:17	02/12/26 13:34
Benzo(a)anthracene	EPA 8270E	<16.1	U	µg/kg	18.7	1	02/15/26 16:17	02/12/26 13:34
Benzo(a)pyrene	EPA 8270E	<11.5	U	µg/kg	18.7	1	02/15/26 16:17	02/12/26 13:34
Benzo(b)fluoranthene	EPA 8270E	<13.9	U	µg/kg	18.7	1	02/15/26 16:17	02/12/26 13:34
Benzo(g,h,i)perylene	EPA 8270E	<14.3	U	µg/kg	18.7	1	02/15/26 16:17	02/12/26 13:34
Benzo(k)fluoranthene	EPA 8270E	<14.1	U	µg/kg	18.7	1	02/15/26 16:17	02/12/26 13:34
bis(2-Chloroethoxy) methane	EPA 8270E	<59.1	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
bis(2-Chloroethyl) ether	EPA 8270E	<26.4	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
Butyl benzyl phthalate	EPA 8270E	<117	U	µg/kg	187	1	02/15/26 16:17	02/12/26 13:34
Caprolactam	EPA 8270E	<84.2	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
Carbazole	EPA 8270E	<27.5	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
Chrysene	EPA 8270E	<15.1	U	µg/kg	18.7	1	02/15/26 16:17	02/12/26 13:34
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	101		µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
Dibenz(a,h) anthracene	EPA 8270E	<10.1	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
Dibenzofuran	EPA 8270E	<13.7	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
Diethyl phthalate	EPA 8270E	<31.7	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
Dimethyl phthalate	EPA 8270E	<18.2	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
Fluoranthene	EPA 8270E	<8.96	U	µg/kg	18.7	1	02/15/26 16:17	02/12/26 13:34
Fluorene	EPA 8270E	<13.6	U	µg/kg	18.7	1	02/15/26 16:17	02/12/26 13:34
Hexachlorobenzene	EPA 8270E	<27.2	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
Hexachlorobutadiene	EPA 8270E	<22.0	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
Hexachlorocyclopentadiene	EPA 8270E	<88.5	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
Hexachloroethane	EPA 8270E	<38.6	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
Indeno(1,2,3-cd) pyrene	EPA 8270E	<13.0	U	µg/kg	18.7	1	02/15/26 16:17	02/12/26 13:34
Isophorone	EPA 8270E	<18.2	U	µg/kg	467	1	02/15/26 16:17	02/12/26 13:34
Methylphenol, Total	EPA 8270E	<25.2	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26
Date Received: 02/10/26 07:00

CLIENT ID: 3727 DUP-1

Lab ID: HN2601890-004

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<11.9	U	µg/kg	18.7	1	02/15/26 16:17	02/12/26 13:34
Nitrobenzene	EPA 8270E	<31.4	U	µg/kg	467	1	02/15/26 16:17	02/12/26 13:34
n-Nitrosodi-n-propylamine	EPA 8270E	<15.4	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
N-Nitrosodiphenylamine	EPA 8270E	<54.0	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
Pentachlorophenol	EPA 8270E	<74.1	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
Phenanthrene	EPA 8270E	<8.68	U	µg/kg	18.7	1	02/15/26 16:17	02/12/26 13:34
Phenol	EPA 8270E	<46.9	U	µg/kg	92.4	1	02/15/26 16:17	02/12/26 13:34
Pyrene	EPA 8270E	<9.31	U	µg/kg	18.7	1	02/15/26 16:17	02/12/26 13:34
Pyridine	EPA 8270E	<184	U	µg/kg	467	1	02/15/26 16:17	02/12/26 13:34
<i>Surr: 2,4,6-Tribromophenol</i>	<i>EPA 8270E</i>	71.7		%REC	48-94	1	02/15/26 16:17	02/12/26 13:34
<i>Surr: 2-Fluorobiphenyl</i>	<i>EPA 8270E</i>	74.8		%REC	50-103	1	02/15/26 16:17	02/12/26 13:34
<i>Surr: 2-Fluorophenol</i>	<i>EPA 8270E</i>	76.1		%REC	43-105	1	02/15/26 16:17	02/12/26 13:34
<i>Surr: 4-Terphenyl-d14</i>	<i>EPA 8270E</i>	73.1		%REC	55-111	1	02/15/26 16:17	02/12/26 13:34
<i>Surr: Nitrobenzene-d5</i>	<i>EPA 8270E</i>	84.7		%REC	47-100	1	02/15/26 16:17	02/12/26 13:34
<i>Surr: Phenol-d6</i>	<i>EPA 8270E</i>	81.2		%REC	49-110	1	02/15/26 16:17	02/12/26 13:34

Volatile Organic Compounds by GC-MS

1,1,1-Trichloroethane	EPA 8260D	<18.7	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
1,1,2,2-Tetrachloroethane	EPA 8260D	<18.1	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<26.0	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
1,1,2-Trichloroethane	EPA 8260D	<17.5	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
1,1-Dichloroethane	EPA 8260D	<15.0	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
1,1-Dichloroethylene	EPA 8260D	<13.3	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
1,2,3-Trichlorobenzene	EPA 8260D	<49.3	U	µg/kg	137	1	02/12/26 15:48	02/10/26 15:02
1,2,3-Trichloropropane	EPA 8260D	<17.2	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
1,2,4-Trichlorobenzene	EPA 8260D	<46.6	U	µg/kg	137	1	02/12/26 15:48	02/10/26 15:02
1,2,4-Trimethylbenzene	EPA 8260D	<30.2	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<37.9	U	µg/kg	137	1	02/12/26 15:48	02/10/26 15:02
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<24.2	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<15.6	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26
Date Received: 02/10/26 07:00

CLIENT ID: 3727 DUP-1

Lab ID: HN2601890-004

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<24.2	U	µg/kg	137	1	02/12/26 15:48	02/10/26 15:02
1,2-Dichloropropane	EPA 8260D	<30.3	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
1,3,5-Trimethylbenzene	EPA 8260D	<29.0	U	µg/kg	137	1	02/12/26 15:48	02/10/26 15:02
1,3-Dichlorobenzene (m- Dichlorobenzene)	EPA 8260D	<28.4	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
1,3-Dichloropropene	EPA 8260D	<23.0	U	µg/kg	82.2	1	02/12/26 15:48	02/10/26 15:02
1,4-Dichlorobenzene (p- Dichlorobenzene)	EPA 8260D	<33.4	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<97.9	U	µg/kg	274	1	02/12/26 15:48	02/10/26 15:02
2-Hexanone	EPA 8260D	<20.4	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<38.3	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Acetone	EPA 8260D	<122	U	µg/kg	137	1	02/12/26 15:48	02/10/26 15:02
Benzene	EPA 8260D	<19.9	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Bromochloromethane	EPA 8260D	<20.9	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Bromodichloromethane	EPA 8260D	<23.0	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Bromoform	EPA 8260D	<17.3	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Carbon disulfide	EPA 8260D	<21.3	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Carbon tetrachloride	EPA 8260D	<16.1	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Chlorobenzene	EPA 8260D	<13.7	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Chlorodibromomethane	EPA 8260D	<23.1	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Chloroethane (Ethyl chloride)	EPA 8260D	<115	U	µg/kg	137	1	02/12/26 15:48	02/10/26 15:02
Chloroform	EPA 8260D	<15.1	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
cis-1,2-Dichloroethylene	EPA 8260D	<26.4	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
cis-1,3-Dichloropropene	EPA 8260D	<31.0	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Cyclohexane	EPA 8260D	<31.5	U	µg/kg	137	1	02/12/26 15:48	02/10/26 15:02
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<49.8	U	µg/kg	137	1	02/12/26 15:48	02/10/26 15:02
Ethylbenzene	EPA 8260D	<29.2	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Isopropylbenzene	EPA 8260D	<26.0	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
m+p-Xylene	EPA 8260D	<54.8	U	µg/kg	82.2	1	02/12/26 15:48	02/10/26 15:02
Methyl acetate	EPA 8260D	<49.2	U	µg/kg	343	1	02/12/26 15:48	02/10/26 15:02
Methyl bromide (Bromomethane)	EPA 8260D	<78.6	U	µg/kg	137	1	02/12/26 15:48	02/10/26 15:02

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID

Work Order: HN2601890
Date Collected: 02/09/26
Date Received: 02/10/26 07:00

CLIENT ID: 3727 DUP-1

Lab ID: HN2601890-004

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<112	U	µg/kg	137	1	02/12/26 15:48	02/10/26 15:02
Methyl tert-butyl ether (MTBE)	EPA 8260D	<30.0	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Methylcyclohexane	EPA 8260D	<15.7	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Methylene chloride (Dichloromethane)	EPA 8260D	<109	U	µg/kg	343	1	02/12/26 15:48	02/10/26 15:02
o-Xylene	EPA 8260D	<15.9	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Styrene	EPA 8260D	<16.3	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<24.8	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Toluene	EPA 8260D	<33.9	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Total Xylene	EPA 8260D	<15.9	U	µg/kg	123	1	02/12/26 15:48	02/10/26 15:02
trans-1,2-Dichloroethylene	EPA 8260D	<33.9	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
trans-1,3-Dichloropropylene	EPA 8260D	<23.0	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Trichloroethene (Trichloroethylene)	EPA 8260D	<18.4	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<21.0	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
Vinyl chloride (Chloroethene)	EPA 8260D	<27.3	U	µg/kg	41.1	1	02/12/26 15:48	02/10/26 15:02
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>EPA 8260D</i>	104		%REC	80-120	1	02/12/26 15:48	02/10/26 15:02
<i>Surr: 4-Bromofluorobenzene</i>	<i>EPA 8260D</i>	99.2		%REC	80-120	1	02/12/26 15:48	02/10/26 15:02
<i>Surr: Dibromofluoromethane</i>	<i>EPA 8260D</i>	93.3		%REC	72-120	1	02/12/26 15:48	02/10/26 15:02
<i>Surr: Toluene-d8</i>	<i>EPA 8260D</i>	99.0		%REC	80-120	1	02/12/26 15:48	02/10/26 15:02



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2451990

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3883577

Chlorinated Herbicides by GC/ECD

MB	CLIENT ID: Method Blank	Lab ID: QC-2451990-001
-----------	--------------------------------	-------------------------------

Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 02/16/26 08:23
Prep Date: 02/12/26 10:46

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	34.0	µg/kg		50		68.0	10-116			

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2451990-002
------------	---	-------------------------------

Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 02/16/26 08:23
Prep Date: 02/12/26 10:46

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	40.0	µg/kg		50		80.0	10-116			

MS	CLIENT ID: Batch QC	Lab ID: QC-2451990-005
-----------	----------------------------	-------------------------------

Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 02/16/26 08:23
Prep Date: 02/12/26 10:46

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	31.7	µg/kg	5.28	49.505	<0.911	64.0	10-119			
2,4,5-TP (Silvex)	28.7	µg/kg	5.28	49.505	<1.62	58.0	10-101			
2,4-D	33.7	µg/kg	10.6	49.505	<2.64	68.0	10-128			
Surr: DCAA	37.6	µg/kg		49.505		76.0	10-116			

MSD	CLIENT ID: Batch QC	Lab ID: QC-2451990-006
------------	----------------------------	-------------------------------

Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 02/16/26 08:23
Prep Date: 02/12/26 10:46

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	30.6	µg/kg	5.25	49.31	<0.920	62.0	10-119	3.57	30	
2,4,5-TP (Silvex)	29.6	µg/kg	5.25	49.31	<1.64	60.0	10-101	2.99	30	
2,4-D	36.5	µg/kg	10.5	49.31	<2.67	74.0	10-128	8.06	30	
Surr: DCAA	39.4	µg/kg		49.31		80.0	10-116	4.73	30	

The following samples were analyzed in this batch: HN2601890-001, HN2601890-002, HN2601890-003, HN2601890-004



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2448772

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3871781

General Chemistry Parameters

MB	CLIENT ID: Method Blank	Lab ID: QC-2448772-001
-----------	--------------------------------	-------------------------------

Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 02/10/26 14:14
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-2448772-002
------------	---	-------------------------------

Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 02/10/26 14:14
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: 3727 SB01 (1-2')_20260209	Lab ID: QC-2448772-004
------------	---	-------------------------------

Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 02/10/26 14:14
Prep Date: NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	15.4	%	0.1		16.2			5.18	10	

The following samples were analyzed in this batch: HN2601890-001, HN2601890-002, HN2601890-003, HN2601890-004

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2450185

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3878568

General Chemistry Parameters

MB	CLIENT ID: Method Blank	Lab ID: QC-2450185-001
-----------	--------------------------------	-------------------------------

Method: EPA 9056A **Dilution:** 1 **Analysis Date:** 02/12/26 20:27
Prep Date: 02/12/26 13:26

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-2450185-002
------------	---	-------------------------------

Method: EPA 9056A **Dilution:** 1 **Analysis Date:** 02/12/26 20:35
Prep Date: 02/12/26 13:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	93.7	mg/kg	10.0	100		93.7	87-110			

MS	CLIENT ID: Batch QC	Lab ID: QC-2450185-004
-----------	----------------------------	-------------------------------

Method: EPA 9056A **Dilution:** 1 **Analysis Date:** 02/12/26 20:51
Prep Date: 02/12/26 13:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	159	mg/kg	12.8	110.86	48.8	106	87-110			

MSD	CLIENT ID: Batch QC	Lab ID: QC-2450185-005
------------	----------------------------	-------------------------------

Method: EPA 9056A **Dilution:** 1 **Analysis Date:** 02/12/26 20:59
Prep Date: 02/12/26 13:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	136	mg/kg	10.9	94.162	48.8	99.4	87-110	16.1	15	R

The following samples were analyzed in this batch: HN2601890-001, HN2601890-002, HN2601890-003, HN2601890-004

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2453673

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3883662

Metals

MB	CLIENT ID: Method Blank	Lab ID: QC-2453673-001
-----------	--------------------------------	-------------------------------

Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/16/26 13:53
Prep Date: 02/13/26 13:22

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-2453673-002
------------	---	-------------------------------

Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/16/26 13:55
Prep Date: 02/13/26 13:22

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.170	mg/kg	0.0200	0.1665		102	80-120			

MS	CLIENT ID: Batch QC	Lab ID: QC-2453673-004
-----------	----------------------------	-------------------------------

Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/16/26 13:58
Prep Date: 02/13/26 13:22

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.187	mg/kg	0.0207	0.15609	0.0158	110	75-125			

MSD	CLIENT ID: Batch QC	Lab ID: QC-2453673-005
------------	----------------------------	-------------------------------

Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/16/26 14:00
Prep Date: 02/13/26 13:22

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.194	mg/kg	0.0216	0.1635	0.0158	110	75-125	3.80	35	

The following samples were analyzed in this batch: HN2601890-001, HN2601890-002

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2453674

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3884405

Metals

MB	CLIENT ID: Method Blank	Lab ID: QC-2453674-001
-----------	--------------------------------	-------------------------------

Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/17/26 10:40
Prep Date: 02/16/26 14:55

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-2453674-002
------------	---	-------------------------------

Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/17/26 10:41
Prep Date: 02/16/26 14:55

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.168	mg/kg	0.0200	0.1665		101	80-120			

MS	CLIENT ID: Batch QC	Lab ID: QC-2453674-004
-----------	----------------------------	-------------------------------

Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/17/26 10:45
Prep Date: 02/16/26 14:55

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.154	mg/kg	0.0200	0.13355	<0.0136	109	75-125			

MSD	CLIENT ID: Batch QC	Lab ID: QC-2453674-005
------------	----------------------------	-------------------------------

Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/17/26 10:47
Prep Date: 02/16/26 14:55

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.139	mg/kg	0.0200	0.13554	<0.0136	96.2	75-125	10.4	35	

The following samples were analyzed in this batch: HN2601890-003, HN2601890-004



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2456192

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3883912

Metals

MB **CLIENT ID: Method Blank** **Lab ID: QC-2456192-001**

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 02/16/26 18:08
Prep Date: 02/16/26 09:19

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-2456192-002**

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 02/16/26 18:10
Prep Date: 02/16/26 09:19

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	5.09	mg/kg	0.250	5		102	80-120			
Barium	5.25	mg/kg	0.250	5		105	80-120			
Cadmium	5.05	mg/kg	0.100	5		101	80-120			
Chromium	5.24	mg/kg	0.250	5		105	80-120			
Copper	5.23	mg/kg	0.250	5		105	80-120			
Lead	5.26	mg/kg	0.250	5		105	80-120			
Selenium	5.09	mg/kg	0.250	5		102	80-120			
Silver	5.11	mg/kg	0.250	5		102	80-120			
Zinc	5.14	mg/kg	0.500	5		103	80-120			

MS **CLIENT ID: Batch QC** **Lab ID: QC-2456192-004**

Method: EPA 6020B **Dilution:** 10 **Analysis Date:** 02/16/26 18:16
Prep Date: 02/16/26 09:19

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	9.72	mg/kg	3.26	5.6561	4.71	99.7	75-125			
Barium	40.6	mg/kg	3.26	5	39.8	NC	75-125			O
Cadmium	5.46	mg/kg	1.30	5.6561	<0.170	94.3	75-125			
Chromium	20.1	mg/kg	3.26	5.6561	10.7	192	75-125			S
Copper	15.8	mg/kg	3.26	5.6561	10.4	119	75-125			
Lead	20.3	mg/kg	3.26	5.6561	12.9	161	75-125			S
Selenium	5.02	mg/kg	3.26	5.6561	<2.60	90.4	75-125			
Silver	5.42	mg/kg	3.26	5.6561	<0.373	95.6	75-125			
Zinc	44.8	mg/kg	6.52	5	38.2	NC	75-125			O

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2456192

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3883912

MSD	CLIENT ID: Batch QC	Lab ID: QC-2456192-005
-----	---------------------	------------------------

Method: EPA 6020B **Dilution:** 10 **Analysis Date:** 02/16/26 18:18
Prep Date: 02/16/26 09:19

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	10.1	mg/kg	3.39	5.8754	4.71	103	75-125	4.14	20	
Barium	34.4	mg/kg	3.39	5	39.8	NC	75-125	16.5	20	O
Cadmium	5.65	mg/kg	1.35	5.8754	<0.176	94.1	75-125	3.46	20	
Chromium	16.9	mg/kg	3.39	5.8754	10.7	130	75-125	17.5	20	S
Copper	15.8	mg/kg	3.39	5.8754	10.4	116	75-125	0.490	20	
Lead	20.0	mg/kg	3.39	5.8754	12.9	149	75-125	1.69	20	S
Selenium	5.34	mg/kg	3.39	5.8754	<2.70	92.5	75-125	6.22	20	
Silver	5.53	mg/kg	3.39	5.8754	<0.388	93.9	75-125	2.02	20	
Zinc	42.3	mg/kg	6.77	5	38.2	NC	75-125	5.52	20	O

PDS	CLIENT ID: Batch QC	Lab ID: QC-2456192-007
-----	---------------------	------------------------

Method: EPA 6020B **Dilution:** 10 **Analysis Date:** 02/16/26 18:21
Prep Date: 02/16/26 09:19

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	63.9	mg/kg	3.27	56.754	4.71	105	75-125			
Barium	93.2	mg/kg	3.27	56.754	39.8	103	75-125			
Cadmium	56.8	mg/kg	1.31	56.754	<0.170	99.8	75-125			
Chromium	68.7	mg/kg	3.27	56.754	10.7	105	75-125			
Copper	66.1	mg/kg	3.27	56.754	10.4	101	75-125			
Lead	71.0	mg/kg	3.27	56.754	12.9	105	75-125			
Selenium	59.0	mg/kg	3.27	56.754	<2.61	104	75-125			
Silver	45.7	mg/kg	3.27	56.754	<0.375	80.4	75-125			
Zinc	89.3	mg/kg	6.54	56.754	38.2	99.0	75-125			

The following samples were analyzed in this batch: HN2601890-001, HN2601890-002, HN2601890-003, HN2601890-004



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2451610

Work Order: HN2601890
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
----	---------------------	------------------------

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
-----	---------------------	------------------------

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: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2451610

Work Order: HN2601890
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				
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: HN2601890-001, HN2601890-002, HN2601890-003, HN2601890-004



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2451610

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3884122

Organochlorine Pesticides by GC/ECD

MB	CLIENT ID: Method Blank	Lab ID: QC-2451610-001
-----------	--------------------------------	-------------------------------

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
------------	---	-------------------------------

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: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2451610

Work Order: HN2601890
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: HN2601890-001, HN2601890-002, HN2601890-003, HN2601890-004



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2451609

Work Order: HN2601890
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
----	-------------------------	------------------------

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
-----	--------------------------------------	------------------------

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
----	---------------------	------------------------

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
-----	---------------------	------------------------

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: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2451609

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3883984

The following samples were analyzed in this batch: HN2601890-001, HN2601890-002, HN2601890-003, HN2601890-004
--



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2452247

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3883718

Semivolatile Organic Compounds by GC-MS

MB	CLIENT ID: Method Blank	Lab ID: QC-2452247-001
----	-------------------------	------------------------

Method: EPA 8270E

Dilution: 1

Analysis Date: 02/15/26 12:40

Prep Date: 02/12/26 13:35

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



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2452247

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3883718

MB	CLIENT ID: Method Blank	Lab ID: QC-2452247-001
----	-------------------------	------------------------

Method: EPA 8270E

Dilution: 1

Analysis Date: 02/15/26 12:40

Prep Date: 02/12/26 13:35

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	2590	µg/kg		3333		77.7	48-94			
Surr: 2-Fluorobiphenyl	2690	µg/kg		3333		80.6	50-103			
Surr: 2-Fluorophenol	2680	µg/kg		3333		80.4	43-105			
Surr: 4-Terphenyl-d14	2770	µg/kg		3333		83.2	55-111			
Surr: Nitrobenzene-d5	2930	µg/kg		3333		87.9	47-100			
Surr: Phenol-d6	2870	µg/kg		3333		86.1	49-110			

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2452247-002
-----	--------------------------------------	------------------------

Method: EPA 8270E

Dilution: 1

Analysis Date: 02/15/26 13:07

Prep Date: 02/12/26 13:35

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	1270	µg/kg	33.0	1333		95.3	57-101			
1,2,4,5-Tetrachlorobenzene	1270	µg/kg	33.0	1333		95.2	54-98			
1-Methylnaphthalene	1230	µg/kg	6.67	1333		92.1	56-100			
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1000	µg/kg	33.0	1333		75.2	50-101			
2,3,4,6-Tetrachlorophenol	1330	µg/kg	67.0	1333		99.8	48-103			

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2452247

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3883718

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2452247-002
-----	--------------------------------------	------------------------

Method: EPA 8270E

Dilution: 1

Analysis Date: 02/15/26 13:07

Prep Date: 02/12/26 13:35

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	1240	µg/kg	33.0	1333		92.9	54-98			
2,4,6-Trichlorophenol	1150	µg/kg	33.0	1333		85.9	56-97			
2,4-Dichlorophenol	1210	µg/kg	33.0	1333		90.6	54-99			
2,4-Dimethylphenol	1010	µg/kg	33.0	1333		75.9	47-102			
2,4-Dinitrophenol	997	µg/kg	333	1333		74.8	10-100			
2,4-Dinitrotoluene (2,4-DNT)	1300	µg/kg	33.0	1333		97.6	62-105			
2,6-Dinitrotoluene (2,6-DNT)	1240	µg/kg	33.0	1333		93.4	62-103			
2-Chloronaphthalene	1040	µg/kg	6.67	1333		78.0	57-101			
2-Chlorophenol	1080	µg/kg	33.0	1333		80.9	52-102			
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	1280	µg/kg	33.0	1333		96.2	42-104			
2-Methylnaphthalene	1210	µg/kg	6.67	1333		90.6	55-102			
2-Methylphenol (o-Cresol)	1060	µg/kg	33.0	1333		79.7	54-103			
2-Nitroaniline	1210	µg/kg	33.0	1333		90.8	57-103			
2-Nitrophenol	1310	µg/kg	33.0	1333		98.2	52-102			
3&4-Methylphenol	987	µg/kg	33.0	1333		74.1	56-103			
3,3'-Dichlorobenzidine	713	µg/kg	167	1333		53.5	41-91			
3-Nitroaniline	828	µg/kg	33.0	1333		62.1	35-107			
4-Bromophenyl phenyl ether (BDE-3)	1170	µg/kg	33.0	1333		87.9	63-104			
4-Chloro-3-methylphenol	1260	µg/kg	33.0	1333		94.8	57-103			
4-Chloroaniline	1030	µg/kg	67.0	1333		77.6	32-99			
4-Chlorophenyl phenylether	1170	µg/kg	33.0	1333		88.1	62-100			
4-Nitroaniline	692	µg/kg	167	1333		51.9	19-124			
4-Nitrophenol	1010	µg/kg	333	1333		76.1	44-106			
Acenaphthene	1110	µg/kg	6.67	1333		83.2	60-101			
Acenaphthylene	1110	µg/kg	6.67	1333		83.6	59-101			
Acetophenone	1090	µg/kg	33.0	1333		81.9	54-102			
Anthracene	1150	µg/kg	6.67	1333		86.0	63-96			
Atrazine	1410	µg/kg	33.0	1333		106	60-110			
Benzaldehyde	183	µg/kg	67.0	1333		13.8	10-143			
Benzo(a)anthracene	1120	µg/kg	6.67	1333		84.3	66-102			
Benzo(a)pyrene	1180	µg/kg	6.67	1333		88.6	66-105			
Benzo(b)fluoranthene	1080	µg/kg	6.67	1333		81.2	67-105			
Benzo(g,h,i)perylene	1160	µg/kg	6.67	1333		87.1	59-110			
Benzo(k)fluoranthene	1160	µg/kg	6.67	1333		86.9	68-106			
bis(2-Chloroethoxy)methane	1170	µg/kg	33.0	1333		87.5	54-102			
bis(2-Chloroethyl) ether	960	µg/kg	33.0	1333		72.0	51-101			
Butyl benzyl phthalate	1140	µg/kg	67.0	1333		85.2	59-107			
Caprolactam	1120	µg/kg	33.0	1333		84.1	49-103			
Carbazole	1170	µg/kg	33.0	1333		87.7	63-103			
Chrysene	1170	µg/kg	6.67	1333		87.7	66-105			
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	1150	µg/kg	33.0	1333		86.6	63-101			
Dibenz(a,h) anthracene	1150	µg/kg	33.0	1333		86.0	61-109			
Dibenzofuran	1140	µg/kg	33.0	1333		85.3	61-101			
Diethyl phthalate	1190	µg/kg	33.0	1333		89.1	63-105			



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2452247

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3883718

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2452247-002
-----	--------------------------------------	------------------------

Method: EPA 8270E**Dilution:** 1**Analysis Date:** 02/15/26 13:07**Prep Date:** 02/12/26 13:35

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Dimethyl phthalate	1150	µg/kg	33.0	1333		86.6	64-104			
Fluoranthene	1220	µg/kg	6.67	1333		91.7	66-105			
Fluorene	1180	µg/kg	6.67	1333		88.5	62-101			
Hexachlorobenzene	1160	µg/kg	33.0	1333		86.7	61-104			
Hexachlorobutadiene	1200	µg/kg	33.0	1333		90.3	52-99			
Hexachlorocyclopentadiene	1150	µg/kg	33.0	1333		86.0	39-106			
Hexachloroethane	1040	µg/kg	33.0	1333		78.2	59-99			
Indeno(1,2,3-cd) pyrene	1250	µg/kg	6.67	1333		93.6	57-114			
Isophorone	1170	µg/kg	167	1333		88.0	55-101			
Methylphenol, Total	2050	µg/kg	67.0	2667		76.9	54-103			
Naphthalene	1120	µg/kg	6.67	1333		84.3	54-99			
Nitrobenzene	1150	µg/kg	167	1333		86.3	53-100			
n-Nitrosodi-n-propylamine	1040	µg/kg	33.0	1333		77.8	52-104			
N-Nitrosodiphenylamine	1110	µg/kg	33.0	1333		83.1	61-104			
Pentachlorophenol	942	µg/kg	33.0	1333		70.7	35-100			
Phenanthrene	1120	µg/kg	6.67	1333		84.0	64-101			
Phenol	1100	µg/kg	33.0	1333		82.4	51-107			
Pyrene	1090	µg/kg	6.67	1333		81.4	62-114			
Pyridine	803	µg/kg	167	1333		60.2	40-84			
Surr: 2,4,6-Tribromophenol	3020	µg/kg		3333		90.6	48-94			
Surr: 2-Fluorobiphenyl	2680	µg/kg		3333		80.4	50-103			
Surr: 2-Fluorophenol	2630	µg/kg		3333		78.9	43-105			
Surr: 4-Terphenyl-d14	2700	µg/kg		3333		81.1	55-111			
Surr: Nitrobenzene-d5	2920	µg/kg		3333		87.7	47-100			
Surr: Phenol-d6	2920	µg/kg		3333		87.6	49-110			

MS	CLIENT ID: Batch QC	Lab ID: QC-2452247-005
----	---------------------	------------------------

Method: EPA 8270E**Dilution:** 1**Analysis Date:** 02/15/26 13:35**Prep Date:** 02/12/26 13:35

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	1880	µg/kg	53.3	2006	13.9	93.1	57-101			
1,2,4,5-Tetrachlorobenzene	1890	µg/kg	538	2006	<11.6	94.1	54-98			
1-Methylnaphthalene	1840	µg/kg	10.8	2006	<7.22	91.7	56-100			
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1520	µg/kg	53.3	2006	<11.8	75.6	50-101			
2,3,4,6-Tetrachlorophenol	1870	µg/kg	108	2006	<36.7	93.3	48-103			
2,4,5-Trichlorophenol	1930	µg/kg	53.3	2006	<29.7	96.4	54-98			
2,4,6-Trichlorophenol	1780	µg/kg	53.3	2006	<13.3	88.9	56-97			
2,4-Dichlorophenol	1830	µg/kg	53.3	2006	<27.0	91.5	54-99			
2,4-Dimethylphenol	1160	µg/kg	53.3	2006	<25.8	57.9	47-102			
2,4-Dinitrophenol	834	µg/kg	538	2006	<367	41.6	10-100			
2,4-Dinitrotoluene (2,4-DNT)	1860	µg/kg	53.3	2006	<32.6	92.7	62-105			
2,6-Dinitrotoluene (2,6-DNT)	1880	µg/kg	53.3	2006	<12.8	93.7	62-103			
2-Chloronaphthalene	1640	µg/kg	10.8	2006	<7.01	81.8	57-101			

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2452247

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3883718

MS	CLIENT ID: Batch QC	Lab ID: QC-2452247-005
----	---------------------	------------------------

Method: EPA 8270E

Dilution: 1

Analysis Date: 02/15/26 13:35

Prep Date: 02/12/26 13:35

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2-Chlorophenol	1640	µg/kg	53.3	2006	<32.8	81.9	52-102			
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	1780	µg/kg	53.3	2006	<41.9	88.6	42-104			
2-Methylnaphthalene	1820	µg/kg	10.8	2006	<5.10	90.6	55-102			
2-Methylphenol (o-Cresol)	1530	µg/kg	53.3	2006	<13.6	76.2	54-103			
2-Nitroaniline	1820	µg/kg	53.3	2006	<27.9	91.0	57-103			
2-Nitrophenol	1980	µg/kg	53.3	2006	<14.3	98.8	52-102			
3&4-Methylphenol	1410	µg/kg	53.3	2006	<27.3	70.2	56-103			
3,3'-Dichlorobenzidine	1210	µg/kg	269	2006	<23.4	60.1	41-91			
3-Nitroaniline	1060	µg/kg	53.3	2006	<29.1	52.8	35-107			
4-Bromophenyl phenyl ether (BDE-3)	1820	µg/kg	53.3	2006	<27.5	90.7	63-104			
4-Chloro-3-methylphenol	1830	µg/kg	53.3	2006	<14.3	91.4	57-103			
4-Chloroaniline	1590	µg/kg	108	2006	<25.5	79.1	32-99			
4-Chlorophenyl phenylether	1780	µg/kg	53.3	2006	<13.9	88.5	62-100			
4-Nitroaniline	696	µg/kg	269	2006	<77.8	34.7	19-124			
4-Nitrophenol	1490	µg/kg	538	2006	<117	74.5	44-106			
Acenaphthene	1750	µg/kg	10.8	2006	<7.25	87.1	60-101			
Acenaphthylene	1720	µg/kg	10.8	2006	<8.70	86.0	59-101			
Acetophenone	1620	µg/kg	53.3	2006	<7.86	80.8	54-102			
Anthracene	1750	µg/kg	10.8	2006	<7.07	87.1	63-96			
Atrazine	2120	µg/kg	53.3	2006	<29.4	106	60-110			
Benzaldehyde	126	µg/kg	108	2006	<77.1	6.30	10-143			S
Benzo(a)anthracene	1680	µg/kg	10.8	2006	<8.67	83.6	66-102			
Benzo(a)pyrene	1800	µg/kg	10.8	2006	<6.16	89.7	66-105			
Benzo(b)fluoranthene	1620	µg/kg	10.8	2006	<7.48	80.8	67-105			
Benzo(g,h,i)perylene	1800	µg/kg	10.8	2006	<7.69	89.8	59-110			
Benzo(k)fluoranthene	1770	µg/kg	10.8	2006	<7.60	88.1	68-106			
bis(2-Chloroethoxy)methane	1520	µg/kg	53.3	2006	<31.8	75.6	54-102			
bis(2-Chloroethyl) ether	1260	µg/kg	53.3	2006	<14.2	62.7	51-101			
Butyl benzyl phthalate	1710	µg/kg	108	2006	<62.8	83.6	59-107			
Caprolactam	1660	µg/kg	53.3	2006	<45.3	82.7	49-103			
Carbazole	1770	µg/kg	53.3	2006	<14.8	88.5	63-103			
Chrysene	1790	µg/kg	10.8	2006	<8.56	89.1	66-105			
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	1780	µg/kg	53.3	2006	54.4	86.2	63-101			
Dibenz(a,h) anthracene	1790	µg/kg	53.3	2006	<5.42	89.1	61-109			
Dibenzofuran	1750	µg/kg	53.3	2006	<7.37	87.1	61-101			
Diethyl phthalate	1800	µg/kg	53.3	2006	<17.1	89.5	63-105			
Dimethyl phthalate	1770	µg/kg	53.3	2006	<9.78	88.2	64-104			
Fluoranthene	1820	µg/kg	10.8	2006	8.11	90.6	66-105			
Fluorene	1760	µg/kg	10.8	2006	<7.28	87.7	62-101			
Hexachlorobenzene	1790	µg/kg	53.3	2006	<14.6	89.2	61-104			
Hexachlorobutadiene	1880	µg/kg	53.3	2006	<11.8	93.9	52-99			
Hexachlorocyclopentadiene	1710	µg/kg	53.3	2006	<49.1	85.2	39-106			
Hexachloroethane	1610	µg/kg	53.3	2006	<20.8	80.2	59-99			
Indeno(1,2,3-cd) pyrene	1920	µg/kg	10.8	2006	<6.98	95.8	57-114			

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2452247

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3883718

MS		CLIENT ID: Batch QC				Lab ID: QC-2452247-005				
Method: EPA 8270E		Dilution: 1				Analysis Date: 02/15/26 13:35				
						Prep Date: 02/12/26 13:35				
Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Isophorone	1770	µg/kg	269	2006	<9.80	88.3	55-101			
Methylphenol, Total	2940	µg/kg	53.3	4013.5	<13.6	73.1	54-103			
Naphthalene	1740	µg/kg	10.8	2006	<6.41	86.9	54-99			
Nitrobenzene	1790	µg/kg	269	2006	<16.9	89.4	53-100			
n-Nitrosodi-n-propylamine	1560	µg/kg	53.3	2006	<8.28	77.8	52-104			
N-Nitrosodiphenylamine	1740	µg/kg	53.3	2006	<29.0	86.7	61-104			
Pentachlorophenol	1310	µg/kg	53.3	2006	<39.8	65.4	35-100			
Phenanthrene	1720	µg/kg	10.8	2006	<4.67	85.6	64-101			
Phenol	1650	µg/kg	53.3	2006	<25.2	82.4	51-107			
Pyrene	1670	µg/kg	10.8	2006	6.95	82.7	52-114			
Pyridine	1520	µg/kg	269	2006	<98.7	76.0	40-84			
Surr: 2,4,6-Tribromophenol	4540	µg/kg		5015.8		90.5	48-94			
Surr: 2-Fluorobiphenyl	4180	µg/kg		5015.8		83.4	50-103			
Surr: 2-Fluorophenol	4010	µg/kg		5015.8		80.0	43-105			
Surr: 4-Terphenyl-d14	4060	µg/kg		5015.8		80.9	55-111			
Surr: Nitrobenzene-d5	4510	µg/kg		5015.8		89.9	47-100			
Surr: Phenol-d6	4320	µg/kg		5015.8		86.0	49-110			

MSD		CLIENT ID: Batch QC				Lab ID: QC-2452247-006				
Method: EPA 8270E		Dilution: 1				Analysis Date: 02/15/26 14:02				
						Prep Date: 02/12/26 13:35				
Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	1910	µg/kg	53.6	2016.5	13.9	93.9	57-101	1.32	30	
1,2,4,5-Tetrachlorobenzene	1930	µg/kg	541	2016.5	<11.6	95.8	54-98	2.26	30	
1-Methylnaphthalene	1870	µg/kg	10.8	2016.5	<7.26	92.7	56-100	1.61	30	
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1560	µg/kg	53.6	2016.5	<11.8	77.2	50-101	2.55	30	
2,3,4,6-Tetrachlorophenol	1900	µg/kg	108	2016.5	<36.9	94.1	48-103	1.38	30	
2,4,5-Trichlorophenol	1990	µg/kg	53.6	2016.5	<29.9	98.5	54-98	2.68	30	S
2,4,6-Trichlorophenol	1820	µg/kg	53.6	2016.5	<13.4	90.3	56-97	2.08	30	
2,4-Dichlorophenol	1900	µg/kg	53.6	2016.5	<27.1	94.0	54-99	3.27	30	
2,4-Dimethylphenol	1240	µg/kg	53.6	2016.5	<25.9	61.6	47-102	6.71	30	
2,4-Dinitrophenol	689	µg/kg	541	2016.5	<369	34.2	10-100	19.0	30	
2,4-Dinitrotoluene (2,4-DNT)	1870	µg/kg	53.6	2016.5	<32.8	92.7	62-105	0.522	30	
2,6-Dinitrotoluene (2,6-DNT)	1890	µg/kg	53.6	2016.5	<12.9	93.8	62-103	0.629	30	
2-Chloronaphthalene	1680	µg/kg	10.8	2016.5	<7.05	83.2	57-101	2.16	30	
2-Chlorophenol	1680	µg/kg	53.6	2016.5	<33.0	83.1	52-102	1.98	30	
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	1810	µg/kg	53.6	2016.5	<42.1	89.6	42-104	1.70	30	
2-Methylnaphthalene	1840	µg/kg	10.8	2016.5	<5.13	91.5	55-102	1.51	30	
2-Methylphenol (o-Cresol)	1560	µg/kg	53.6	2016.5	<13.6	77.4	54-103	2.15	30	
2-Nitroaniline	1870	µg/kg	53.6	2016.5	<28.0	92.6	57-103	2.32	30	
2-Nitrophenol	2070	µg/kg	53.6	2016.5	<14.4	103	52-102	4.25	30	S
3&4-Methylphenol	1440	µg/kg	53.6	2016.5	<27.5	71.4	56-103	2.29	30	
3,3'-Dichlorobenzidine	1280	µg/kg	271	2016.5	<23.5	63.3	41-91	5.71	30	



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2452247

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3883718

MSD	CLIENT ID: Batch QC	Lab ID: QC-2452247-006
-----	---------------------	------------------------

Method: EPA 8270E

Dilution: 1

Analysis Date: 02/15/26 14:02

Prep Date: 02/12/26 13:35

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
3-Nitroaniline	1040	µg/kg	53.6	2016.5	<29.3	51.4	35-107	2.17	30	
4-Bromophenyl phenyl ether (BDE-3)	1860	µg/kg	53.6	2016.5	<27.6	92.2	63-104	2.11	30	
4-Chloro-3-methylphenol	1860	µg/kg	53.6	2016.5	<14.4	92.4	57-103	1.66	30	
4-Chloroaniline	1520	µg/kg	108	2016.5	<25.6	75.6	32-99	4.07	30	
4-Chlorophenyl phenylether	1810	µg/kg	53.6	2016.5	<13.9	89.9	62-100	2.09	30	
4-Nitroaniline	645	µg/kg	271	2016.5	<78.2	32.0	19-124	7.57	30	
4-Nitrophenol	1530	µg/kg	541	2016.5	<118	75.9	44-106	2.38	30	
Acenaphthene	1780	µg/kg	10.8	2016.5	<7.29	88.1	60-101	1.61	30	
Acenaphthylene	1750	µg/kg	10.8	2016.5	<8.74	86.7	59-101	1.39	30	
Acetophenone	1660	µg/kg	53.6	2016.5	<7.90	82.2	54-102	2.24	30	
Anthracene	1790	µg/kg	10.8	2016.5	<7.11	88.5	63-96	2.12	30	
Atrazine	2110	µg/kg	53.6	2016.5	<29.5	105	60-110	0.524	30	
Benzaldehyde	123	µg/kg	108	2016.5	<77.5	6.10	10-143	2.70	30	S
Benzo(a)anthracene	1710	µg/kg	10.8	2016.5	<8.71	84.5	66-102	1.59	30	
Benzo(a)pyrene	1830	µg/kg	10.8	2016.5	<6.19	90.5	66-105	1.41	30	
Benzo(b)fluoranthene	1660	µg/kg	10.8	2016.5	<7.52	82.3	67-105	2.36	30	
Benzo(g,h,i)perylene	1820	µg/kg	10.8	2016.5	<7.73	90.5	59-110	1.30	30	
Benzo(k)fluoranthene	1800	µg/kg	10.8	2016.5	<7.64	89.1	68-106	1.65	30	
bis(2-Chloroethoxy)methane	1560	µg/kg	53.6	2016.5	<31.9	77.2	54-102	2.55	30	
bis(2-Chloroethyl) ether	1290	µg/kg	53.6	2016.5	<14.3	64.0	51-101	2.57	30	
Butyl benzyl phthalate	1750	µg/kg	108	2016.5	<63.1	85.1	59-107	2.20	30	
Caprolactam	1670	µg/kg	53.6	2016.5	<45.5	82.8	49-103	0.703	30	
Carbazole	1800	µg/kg	53.6	2016.5	<14.9	89.3	63-103	1.42	30	
Chrysene	1820	µg/kg	10.8	2016.5	<8.61	90.3	66-105	1.86	30	
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	1820	µg/kg	53.6	2016.5	54.4	87.7	63-101	2.14	30	
Dibenz(a,h) anthracene	1810	µg/kg	53.6	2016.5	<5.45	89.7	61-109	1.14	30	
Dibenzofuran	1760	µg/kg	53.6	2016.5	<7.41	87.3	61-101	0.751	30	
Diethyl phthalate	1800	µg/kg	53.6	2016.5	<17.2	89.2	63-105	0.186	30	
Dimethyl phthalate	1780	µg/kg	53.6	2016.5	<9.83	88.4	64-104	0.805	30	
Fluoranthene	1860	µg/kg	10.8	2016.5	8.11	91.8	66-105	1.89	30	
Fluorene	1800	µg/kg	10.8	2016.5	<7.32	89.2	62-101	2.22	30	
Hexachlorobenzene	1840	µg/kg	53.6	2016.5	<14.7	91.1	61-104	2.63	30	
Hexachlorobutadiene	1920	µg/kg	53.6	2016.5	<11.9	95.2	52-99	1.90	30	
Hexachlorocyclopentadiene	1760	µg/kg	53.6	2016.5	<49.3	87.4	39-106	3.07	30	
Hexachloroethane	1640	µg/kg	53.6	2016.5	<20.9	81.3	59-99	1.88	30	
Indeno(1,2,3-cd) pyrene	1920	µg/kg	10.8	2016.5	<7.02	95.1	57-114	0.159	30	
Isophorone	1810	µg/kg	271	2016.5	<9.85	89.7	55-101	2.10	30	
Methylphenol, Total	3000	µg/kg	67.0	4034.6	<13.6	74.4	54-103	2.22	30	
Naphthalene	1780	µg/kg	10.8	2016.5	<6.44	88.2	54-99	2.01	30	
Nitrobenzene	1850	µg/kg	271	2016.5	<16.9	91.9	53-100	3.34	30	
n-Nitrosodi-n-propylamine	1600	µg/kg	53.6	2016.5	<8.32	79.6	52-104	2.75	30	
N-Nitrosodiphenylamine	1770	µg/kg	53.6	2016.5	<29.2	87.6	61-104	1.61	30	
Pentachlorophenol	1360	µg/kg	53.6	2016.5	<40.1	67.6	35-100	3.91	30	
Phenanthrene	1750	µg/kg	10.8	2016.5	<4.69	86.7	64-101	1.74	30	
Phenol	1700	µg/kg	53.6	2016.5	<25.3	84.2	51-107	2.74	30	

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2452247

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3883718

MSD	CLIENT ID: Batch QC	Lab ID: QC-2452247-006
-----	---------------------	------------------------

Method: EPA 8270E

Dilution: 1

Analysis Date: 02/15/26 14:02

Prep Date: 02/12/26 13:35

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Pyrene	1700	µg/kg	10.8	2016.5	6.95	84.0	52-114	1.96	30	
Pyridine	1570	µg/kg	271	2016.5	<99.3	77.7	40-84	2.80	30	
Surr: 2,4,6-Tribromophenol	4640	µg/kg		5042.1		92.0	48-94	2.12	30	
Surr: 2-Fluorobiphenyl	4240	µg/kg		5042.1		84.1	50-103	1.33	30	
Surr: 2-Fluorophenol	4120	µg/kg		5042.1		81.7	43-105	2.62	30	
Surr: 4-Terphenyl-d14	4120	µg/kg		5042.1		81.7	55-111	1.51	30	
Surr: Nitrobenzene-d5	4620	µg/kg		5042.1		91.6	47-100	2.35	30	
Surr: Phenol-d6	4430	µg/kg		5042.1		87.9	49-110	2.73	30	

The following samples were analyzed in this batch: HN2601890-001, HN2601890-002, HN2601890-003, HN2601890-004



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2448966

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3876889

Volatile Organic Compounds by GC-MS

MB	CLIENT ID: Method Blank	Lab ID: QC-2448966-001
----	-------------------------	------------------------

Method: EPA 8260D

Dilution: 1

Analysis Date: 02/11/26 20:54

Prep Date: 02/10/26 15:03

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)	<71.4	µg/kg	200							U
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



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2448966

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3876889

MB	CLIENT ID: Method Blank	Lab ID: QC-2448966-001
----	-------------------------	------------------------

Method: EPA 8260D

Dilution: 1

Analysis Date: 02/11/26 20:54

Prep Date: 02/10/26 15:03

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	1080	µg/kg		1000		108	80-120			
Surr: 4-Bromofluorobenzene	1000	µg/kg		1000		100	80-120			
Surr: Dibromofluoromethane	1030	µg/kg		1000		103	72-120			
Surr: Toluene-d8	1040	µg/kg		1000		104	80-120			

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2448966-002
-----	--------------------------------------	------------------------

Method: EPA 8260D

Dilution: 1

Analysis Date: 02/11/26 19:56

Prep Date: 02/10/26 15:03

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	989	µg/kg	30.0	1000		98.9	75-121			
1,1,2,2-Tetrachloroethane	971	µg/kg	30.0	1000		97.1	79-125			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1100	µg/kg	30.0	1000		110	62-129			
1,1,2-Trichloroethane	975	µg/kg	30.0	1000		97.5	80-123			
1,1-Dichloroethane	998	µg/kg	30.0	1000		99.8	74-124			
1,1-Dichloroethylene	1150	µg/kg	30.0	1000		115	68-131			
1,2,3-Trichlorobenzene	952	µg/kg	100	1000		95.2	60-135			
1,2,3-Trichloropropane	964	µg/kg	30.0	1000		96.4	77-121			
1,2,4-Trichlorobenzene	946	µg/kg	100	1000		94.6	63-130			
1,2,4-Trimethylbenzene	965	µg/kg	30.0	1000		96.5	64-126			
1,2-Dibromo-3-chloropropane (DBCP)	900	µg/kg	100	1000		90.0	55-135			
1,2-Dibromoethane (EDB, Ethylene dibromide)	939	µg/kg	30.0	1000		93.9	63-155			
1,2-Dichlorobenzene (o-Dichlorobenzene)	1010	µg/kg	30.0	1000		101	77-122			

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2448966

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3876889

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2448966-002
-----	--------------------------------------	------------------------

Method: EPA 8260D

Dilution: 1

Analysis Date: 02/11/26 19:56

Prep Date: 02/10/26 15:03

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,2-Dichloroethane (Ethylene dichloride)	954	µg/kg	100	1000		95.4	70-130			
1,2-Dichloropropane	918	µg/kg	30.0	1000		91.8	71-130			
1,3,5-Trimethylbenzene	1010	µg/kg	100	1000		101	66-130			
1,3-Dichlorobenzene (m-Dichlorobenzene)	962	µg/kg	30.0	1000		96.2	78-121			
1,3-Dichloropropene	1870	µg/kg	60.0	2000		93.3	62-124			
1,4-Dichlorobenzene (p-Dichlorobenzene)	996	µg/kg	30.0	1000		99.6	78-122			
2-Butanone (Methyl ethyl ketone, MEK)	781	µg/kg	200	1000		78.1	47-164			
2-Hexanone	1060	µg/kg	30.0	1000		106	70-137			
4-Methyl-2-pentanone (MIBK)	1630	µg/kg	30.0	1000		163	57-200			
Acetone	900	µg/kg	100	1000		90.0	52-190			
Benzene	984	µg/kg	30.0	1000		98.4	78-122			
Bromochloromethane	1060	µg/kg	30.0	1000		106	68-130			
Bromodichloromethane	950	µg/kg	30.0	1000		95.0	75-125			
Bromoform	950	µg/kg	30.0	1000		95.0	59-120			
Carbon disulfide	1130	µg/kg	30.0	1000		113	60-163			
Carbon tetrachloride	973	µg/kg	30.0	1000		97.3	69-123			
Chlorobenzene	958	µg/kg	30.0	1000		95.8	79-120			
Chlorodibromomethane	962	µg/kg	30.0	1000		96.2	57-123			
Chloroethane (Ethyl chloride)	1180	µg/kg	100	1000		118	38-132			
Chloroform	964	µg/kg	30.0	1000		96.4	72-122			
cis-1,2-Dichloroethylene	976	µg/kg	30.0	1000		97.6	74-125			
cis-1,3-Dichloropropene	947	µg/kg	30.0	1000		94.7	62-124			
Dichlorodifluoromethane (Freon-12)	1070	µg/kg	100	1000		107	28-137			
Ethylbenzene	970	µg/kg	30.0	1000		97.0	75-121			
Isopropylbenzene	1010	µg/kg	30.0	1000		101	74-121			
m+p-Xylene	2010	µg/kg	60.0	2000		100	67-129			
Methyl acetate	842	µg/kg	250	1000		84.2	61-125			
Methyl bromide (Bromomethane)	929	µg/kg	100	1000		92.9	31-169			
Methyl chloride (Chloromethane)	1090	µg/kg	100	1000		109	24-119			
Methyl tert-butyl ether (MTBE)	930	µg/kg	30.0	1000		93.0	79-139			
Methylene chloride (Dichloromethane)	1050	µg/kg	250	1000		105	62-135			
o-Xylene	954	µg/kg	30.0	1000		95.4	75-120			
Styrene	976	µg/kg	30.0	1000		97.6	74-126			
Tetrachloroethylene (Perchloroethylene)	1130	µg/kg	30.0	1000		113	76-128			
Toluene	978	µg/kg	30.0	1000		97.8	76-120			
Total Xylene	2960	µg/kg	90.0	3000		98.7	67-129			
trans-1,2-Dichloroethylene	1030	µg/kg	30.0	1000		103	72-127			
trans-1,3-Dichloropropylene	918	µg/kg	30.0	1000		91.8	66-120			
Trichloroethene (Trichloroethylene)	955	µg/kg	30.0	1000		95.5	75-122			
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	1080	µg/kg	30.0	1000		108	51-115			
Vinyl chloride (Chloroethene)	1080	µg/kg	30.0	1000		108	43-128			

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2448966

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3876889

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2448966-002
-----	--------------------------------------	------------------------

Method: EPA 8260D

Dilution: 1

Analysis Date: 02/11/26 19:56

Prep Date: 02/10/26 15:03

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	1040	µg/kg		1000		104	80-120			
Surr: 4-Bromofluorobenzene	990	µg/kg		1000		99.0	80-120			
Surr: Dibromofluoromethane	1030	µg/kg		1000		103	72-120			
Surr: Toluene-d8	970	µg/kg		1000		97.0	80-120			

MS	CLIENT ID: Batch QC	Lab ID: QC-2448966-005
----	---------------------	------------------------

Method: EPA 8260D

Dilution: 1

Analysis Date: 02/12/26 04:15

Prep Date: 02/10/26 15:03

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	989	µg/kg	37.8	954.2	<13.0	104	75-121			
1,1,2,2-Tetrachloroethane	633	µg/kg	37.8	954.2	<12.6	66.3	79-125			S
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1140	µg/kg	37.8	954.2	<18.1	119	62-129			
1,1,2-Trichloroethane	989	µg/kg	37.8	954.2	<12.2	104	80-123			
1,1-Dichloroethane	1040	µg/kg	37.8	954.2	<10.4	109	74-124			
1,1-Dichloroethylene	1180	µg/kg	37.8	954.2	<9.27	124	68-131			
1,2,3-Trichlorobenzene	915	µg/kg	126	954.2	<34.4	95.9	60-135			
1,2,3-Trichloropropane	944	µg/kg	37.8	954.2	<12.0	98.9	77-121			
1,2,4-Trichlorobenzene	855	µg/kg	126	954.2	<32.4	89.6	63-130			
1,2,4-Trimethylbenzene	986	µg/kg	37.8	954.2	<21.0	103	64-126			
1,2-Dibromo-3-chloropropane (DBCP)	829	µg/kg	126	954.2	<26.4	86.9	55-135			
1,2-Dibromoethane (EDB, Ethylene dibromide)	959	µg/kg	37.8	954.2	<16.8	101	63-155			
1,2-Dichlorobenzene (o-Dichlorobenzene)	990	µg/kg	37.8	954.2	<10.9	104	77-122			
1,2-Dichloroethane (Ethylene dichloride)	924	µg/kg	126	954.2	<25.1	96.8	70-130			
1,2-Dichloropropane	1020	µg/kg	37.8	954.2	<21.1	107	71-130			
1,3,5-Trimethylbenzene	1030	µg/kg	126	954.2	<20.2	108	66-130			
1,3-Dichlorobenzene (m-Dichlorobenzene)	943	µg/kg	37.8	954.2	<19.8	98.8	78-121			
1,3-Dichloropropene	1820	µg/kg	75.7	1908.4	<16.0	95.4	62-124			
1,4-Dichlorobenzene (p-Dichlorobenzene)	958	µg/kg	37.8	954.2	<23.3	100	78-122			
2-Butanone (Methyl ethyl ketone, MEK)	1150	µg/kg	252	954.2	<68.1	121	47-164			
2-Hexanone	1150	µg/kg	37.8	954.2	<14.2	121	70-137			
4-Methyl-2-pentanone (MIBK)	1300	µg/kg	37.8	954.2	<26.7	136	57-200			
Acetone	1830	µg/kg	126	954.2	<85.0	192	52-190			S
Benzene	1040	µg/kg	37.8	954.2	<13.9	109	78-122			
Bromochloromethane	1140	µg/kg	37.8	954.2	<14.6	119	68-130			
Bromodichloromethane	979	µg/kg	37.8	954.2	<16.0	103	75-125			
Bromoform	908	µg/kg	37.8	954.2	<12.1	95.2	59-120			
Carbon disulfide	1170	µg/kg	37.8	954.2	<14.8	123	60-163			
Carbon tetrachloride	954	µg/kg	37.8	954.2	<11.2	100	69-123			
Chlorobenzene	965	µg/kg	37.8	954.2	<9.50	101	79-120			

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2448966

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3876889

MS	CLIENT ID: Batch QC	Lab ID: QC-2448966-005
----	---------------------	------------------------

Method: EPA 8260D

Dilution: 1

Analysis Date: 02/12/26 04:15

Prep Date: 02/10/26 15:03

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chlorodibromomethane	943	µg/kg	37.8	954.2	<16.1	98.8	57-123			
Chloroethane (Ethyl chloride)	900	µg/kg	126	954.2	<80.2	94.4	38-132			
Chloroform	985	µg/kg	37.8	954.2	<10.5	103	72-122			
cis-1,2-Dichloroethylene	992	µg/kg	37.8	954.2	<18.4	104	74-125			
cis-1,3-Dichloropropene	939	µg/kg	37.8	954.2	<21.6	98.4	62-124			
Dichlorodifluoromethane (Freon-12)	994	µg/kg	126	954.2	<34.6	104	28-137			
Ethylbenzene	1010	µg/kg	37.8	954.2	<20.3	106	75-121			
Isopropylbenzene	1020	µg/kg	37.8	954.2	<18.1	107	74-121			
m+p-Xylene	2010	µg/kg	75.7	1908.4	<38.2	106	67-129			
Methyl acetate	1080	µg/kg	315	954.2	<34.3	113	61-125			
Methyl bromide (Bromomethane)	635	µg/kg	126	954.2	<54.8	66.6	31-169			
Methyl chloride (Chloromethane)	1310	µg/kg	126	954.2	<78.2	137	24-119			S
Methyl tert-butyl ether (MTBE)	978	µg/kg	37.8	954.2	<20.9	102	79-139			
Methylene chloride (Dichloromethane)	841	µg/kg	315	954.2	<76.0	88.2	62-135			
o-Xylene	1010	µg/kg	37.8	954.2	<11.1	105	75-120			
Styrene	973	µg/kg	37.8	954.2	<11.3	102	74-126			
Tetrachloroethylene (Perchloroethylene)	1740	µg/kg	37.8	954.2	<17.2	182	76-128			S
Toluene	1010	µg/kg	37.8	954.2	<23.6	105	76-120			
Total Xylene	3020	µg/kg	113	2862.6	<11.1	105	67-129			
trans-1,2-Dichloroethylene	1110	µg/kg	37.8	954.2	<23.6	117	72-127			
trans-1,3-Dichloropropylene	882	µg/kg	37.8	954.2	<16.0	92.4	66-120			
Trichloroethene (Trichloroethylene)	1260	µg/kg	37.8	954.2	<12.8	132	75-122			S
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	999	µg/kg	37.8	954.2	<14.6	105	51-115			
Vinyl chloride (Chloroethene)	1210	µg/kg	37.8	954.2	<19.0	127	43-128			
Surr: 1,2-Dichloroethane-d4	975	µg/kg		954.2		102	80-120			
Surr: 4-Bromofluorobenzene	1000	µg/kg		954.2		105	80-120			
Surr: Dibromofluoromethane	957	µg/kg		954.2		100	72-120			
Surr: Toluene-d8	965	µg/kg		954.2		101	80-120			

MSD	CLIENT ID: Batch QC	Lab ID: QC-2448966-006
-----	---------------------	------------------------

Method: EPA 8260D

Dilution: 1

Analysis Date: 02/12/26 04:34

Prep Date: 02/10/26 15:03

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	924	µg/kg	37.8	954.2	<13.6	96.8	75-121	6.78	30	
1,1,2,2-Tetrachloroethane	549	µg/kg	37.8	954.2	<13.2	57.6	79-125	14.1	30	S
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1100	µg/kg	37.8	954.2	<19.0	116	62-129	3.24	30	
1,1,2-Trichloroethane	895	µg/kg	37.8	954.2	<12.8	93.8	80-123	9.98	30	
1,1-Dichloroethane	1050	µg/kg	37.8	954.2	<10.9	110	74-124	1.46	30	
1,1-Dichloroethylene	1180	µg/kg	37.8	954.2	<9.72	124	68-131	0.0404	30	
1,2,3-Trichlorobenzene	823	µg/kg	126	954.2	<36.0	86.3	60-135	10.5	30	
1,2,3-Trichloropropane	892	µg/kg	37.8	954.2	<12.6	93.4	77-121	5.67	30	
1,2,4-Trichlorobenzene	812	µg/kg	126	954.2	<34.0	85.0	63-130	5.21	30	

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2448966

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3876889

MSD	CLIENT ID: Batch QC	Lab ID: QC-2448966-006
-----	---------------------	------------------------

Method: EPA 8260D

Dilution: 1

Analysis Date: 02/12/26 04:34

Prep Date: 02/10/26 15:03

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	913	µg/kg	37.8	954.2	<22.0	95.7	64-126	7.64	30	
1,2-Dibromo-3-chloropropane (DBCP)	741	µg/kg	126	954.2	<27.6	77.7	55-135	11.2	30	
1,2-Dibromoethane (EDB, Ethylene dibromide)	882	µg/kg	37.8	954.2	<17.6	92.4	63-155	8.39	30	
1,2-Dichlorobenzene (o-Dichlorobenzene)	887	µg/kg	37.8	954.2	<11.4	93.0	77-122	10.9	30	
1,2-Dichloroethane (Ethylene dichloride)	883	µg/kg	126	954.2	<26.3	92.6	70-130	4.49	30	
1,2-Dichloropropane	930	µg/kg	37.8	954.2	<22.1	97.5	71-130	9.52	30	
1,3,5-Trimethylbenzene	959	µg/kg	126	954.2	<21.2	100	66-130	7.43	30	
1,3-Dichlorobenzene (m-Dichlorobenzene)	864	µg/kg	37.8	954.2	<20.7	90.5	78-121	8.82	30	
1,3-Dichloropropene	1660	µg/kg	75.7	1908.4	<16.8	87.2	62-124	9.04	30	
1,4-Dichlorobenzene (p-Dichlorobenzene)	887	µg/kg	37.8	954.2	<24.4	93.0	78-122	7.70	30	
2-Butanone (Methyl ethyl ketone, MEK)	1030	µg/kg	252	954.2	<71.4	108	47-164	11.0	30	
2-Hexanone	1120	µg/kg	37.8	954.2	<14.9	118	70-137	2.35	30	
4-Methyl-2-pentanone (MIBK)	1170	µg/kg	37.8	954.2	<28.0	123	57-200	10.6	30	
Acetone	1780	µg/kg	126	954.2	<89.0	187	52-190	2.85	30	
Benzene	956	µg/kg	37.8	954.2	<14.5	100	78-122	8.83	30	
Bromochloromethane	1100	µg/kg	37.8	954.2	<15.3	115	68-130	3.38	30	
Bromodichloromethane	886	µg/kg	37.8	954.2	<16.8	92.8	75-125	9.93	30	
Bromoform	857	µg/kg	37.8	954.2	<12.6	89.8	59-120	5.78	30	
Carbon disulfide	1140	µg/kg	37.8	954.2	<15.5	119	60-163	2.56	30	
Carbon tetrachloride	883	µg/kg	37.8	954.2	<11.7	92.6	69-123	7.74	30	
Chlorobenzene	901	µg/kg	37.8	954.2	<9.96	94.4	79-120	6.90	30	
Chlorodibromomethane	879	µg/kg	37.8	954.2	<16.8	92.2	57-123	7.02	30	
Chloroethane (Ethyl chloride)	881	µg/kg	126	954.2	<84.0	92.3	38-132	2.20	30	
Chloroform	990	µg/kg	37.8	954.2	<11.0	104	72-122	0.483	30	
cis-1,2-Dichloroethylene	1010	µg/kg	37.8	954.2	<19.3	105	74-125	1.29	30	
cis-1,3-Dichloropropene	865	µg/kg	37.8	954.2	<22.6	90.6	62-124	8.20	30	
Dichlorodifluoromethane (Freon-12)	1020	µg/kg	126	954.2	<36.3	107	28-137	2.42	30	
Ethylbenzene	903	µg/kg	37.8	954.2	<21.3	94.6	75-121	11.5	30	
Isopropylbenzene	942	µg/kg	37.8	954.2	<19.0	98.7	74-121	7.98	30	
m+p-Xylene	1900	µg/kg	75.7	1908.4	<40.0	99.6	67-129	5.75	30	
Methyl acetate	1130	µg/kg	315	954.2	<35.9	119	61-125	4.61	30	
Methyl bromide (Bromomethane)	623	µg/kg	126	954.2	<57.4	65.2	31-169	1.97	30	
Methyl chloride (Chloromethane)	1260	µg/kg	126	954.2	<82.0	132	24-119	4.09	30	S
Methyl tert-butyl ether (MTBE)	958	µg/kg	37.8	954.2	<21.9	100	79-139	2.07	30	
Methylene chloride (Dichloromethane)	967	µg/kg	315	954.2	<79.6	101	62-135	13.9	30	
o-Xylene	904	µg/kg	37.8	954.2	<11.6	94.8	75-120	10.6	30	
Styrene	909	µg/kg	37.8	954.2	<11.9	95.3	74-126	6.74	30	
Tetrachloroethylene (Perchloroethylene)	1570	µg/kg	37.8	954.2	<18.1	165	76-128	9.86	30	S
Toluene	940	µg/kg	37.8	954.2	<24.7	98.5	76-120	6.82	30	
Total Xylene	2800	µg/kg	113	2862.6	<11.6	98.0	67-129	7.34	30	

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2448966

Work Order: HN2601890
Date Collected: NA
Date Received: NA
Run ID: 3876889

MSD	CLIENT ID: Batch QC	Lab ID: QC-2448966-006
-----	---------------------	------------------------

Method: EPA 8260D

Dilution: 1

Analysis Date: 02/12/26 04:34

Prep Date: 02/10/26 15:03

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
trans-1,2-Dichloroethylene	1080	µg/kg	37.8	954.2	<24.8	114	72-127	2.91	30	
trans-1,3-Dichloropropylene	799	µg/kg	37.8	954.2	<16.8	83.7	66-120	9.93	30	
Trichloroethene (Trichloroethylene)	1180	µg/kg	37.8	954.2	<13.4	123	75-122	6.71	30	S
Trichlorofluoromethane	1000	µg/kg	37.8	954.2	<15.3	105	51-115	0.143	30	
(Fluorotrichloromethane, Freon 11)										
Vinyl chloride (Chloroethene)	1220	µg/kg	37.8	954.2	<19.9	128	43-128	0.783	30	
Surr: 1,2-Dichloroethane-d4	891	µg/kg		954.2		93.4	80-120	9.00	30	
Surr: 4-Bromofluorobenzene	932	µg/kg		954.2		97.6	80-120	7.49	30	
Surr: Dibromofluoromethane	924	µg/kg		954.2		96.8	72-120	3.50	30	
Surr: Toluene-d8	923	µg/kg		954.2		96.7	80-120	4.50	30	

The following samples were analyzed in this batch: HN2601890-001, HN2601890-002, HN2601890-003, HN2601890-004



right solutions.
right partner.

April 14, 2026

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

Re: **3727 Rochester**

Date Received: **03/31/2026**

Work Order: **HN2605075**

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: 3727 Rochester

Work Order: HN2605075
Date Received: 31-Mar-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

1 soil sample was received for analysis at ALS Environmental on 31-Mar-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.

SAMPLE SUMMARY



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Workorder: HN2605075

Laboratory Sample ID	Client Sample ID	Sample Matrix	Collection Date	Date Received
HN2605075-001	3727 SB01 (1-2')_20260209	SOIL	02/09/26 15:15	03/31/26 08:00

	Sample Date & Time	Original Sample	Site	Full Sample ID	Sample ID	TCLP:
	2/3/2026 12:57	HN2601568-002	12643 Barlow	12643 SB03 (5-6')_20260203	SB03 (5-6')	Lead
	2/10/2026 12:45	HN2601991-003	12243 Flanders	12243 SB03 (3-4')_20260210	SB03 (3-4')	Lead
	2/4/2026 12:21	HN2601663-003	9161 Norcross	9161 SB03 (5-6')_20260204	SB03 (5-6')	Lead
	2/5/2026 12:09	HN2601730-002	3943 Marlborough	3943 SB02 (3-4')_20100205	SB02 (3-4')	Lead
	2/11/2026 10:09	HN2602078-001	3999 Harding	3999 SB01 (1-2')_20260211	SB01 (1-2')	Lead
	2/11/2026 12:38	HN2602081-003	2622 Lemay	2622 SB03 (5-6')_20260211	SB03 (5-6')	Lead
✓	2/13/2026 11:10	HN2602268-001	6315 Frontenac	6315 SB01 (3-4')_20260213	SB01 (3-4')	Lead
/	2/13/2026 12:05	HN2602267-002	7661 Sherwood	7661 SB02 (3-4')_20260213	SB02 (3-4')	Lead
	2/16/2026 10:55	HN2602334-001	2652 E Kirby	2652 SB01 (1-2')_20260216	SB01 (1-2')	Lead
	2/16/2026	HN2602337-004	6026 Vermont	6026 DUP-I_20260216	DUP-I	Lead
	2/16/2026 14:30	HN2602338-001	4652 18th St	4652 SB01 (1-2')_20260216	SB01 (1-2')	Lead
	2/17/2026 12:50	HN2602410-001	4551 25th St	4551 SB01 (1-2')_20260217	SB01 (1-2')	Lead
	2/17/2026 14:45	HN2602414-002	3736 Roosevelt	3736 SB02 (5-6')_20260217	SB02 (5-6')	Lead
	2/18/2026 8:55	HN2602488-002	3526 25th St	3526 SB02 (1-2')_20260218	SB02 (1-2')	Lead
	2/3/2026 9:06	HN2601590-002	317 Cavalry	317 SB02 (5-6')_20260203	SB02 (5-6')	Lead
	2/3/2026 13:43	HN2601589-001	4608 Burton	4608 SB01 (1-2')_20260203	SB01 (1-2')	Lead
	2/4/2026 13:55	HN2601654-002	7347 American	7347 SB02 (5-6')_20260204	SB02 (5-6')	Lead
	2/4/2026 14:32	HN2601655-001	7356 Wheeler	7356 SB01 (1-2')_20260204	SB01 (1-2')	Lead
	2/5/2026 9:05	HN2601758-001	8717 Dayton	8717 SB01 (1-2')_20260205	SB01 (1-2')	Lead
	2/5/2026 13:58	HN2601746-002	5452 24th St	5452 SB02 (3-4')_20260205	SB02 (3-4')	Lead
	2/6/2026 10:20	HN2601834-001	5243 Spokane	5243 SB01 (1-2')_20260206	SB01 (1-2')	Lead
	2/9/2026 15:15	HN2601890-001	3727 Rochester	3727 SB01 (1-2')_20260209	SB01 (1-2')	Lead
	2/10/2026 13:20	HN2601975-002	8815 American	8815 SB02 (3-4')_20260210	SB02 (3-4')	Chromium
	2/11/2026	HN2602071-004	8999 N Clarendon	8999 DUP-I_20260211	DUP-I	Lead
	2/12/2026	HN2602155-004	12316 Wisconsin	12316 DUP-I_20260212	DUP-I	Lead
	2/18/2026 9:27	HN2602502-002	12878 Robson	12878 SB02 (5-6')_20260218	SB02 (5-6')	Lead
	2/19/2026 13:14	HN2602689-001	14202 Wisconsin	14202 SB01 (5-6')_20260219	SB01 (5-6')	Lead
	2/20/2026 13:48	HN2602700-003	15496 Roselawn	15496 SB03 (1-2')_20260220 RO	SB03 (1-2')	Lead
	2/20/2026 14:10	HN2602707-003	15033 Parkside	15033 SB03 (1-2')_20260220	SB03 (1-2')	Lead
	2/26/2026 15:33	HN2602988-012	5673 28TH ST.	5673 28th SB12 (0-1')_20260226	SB12 (0-1')	Lead
	2/27/2026 12:08	HN2603081-001	8612 ALPINE	8612 Alp SB01 (1-2')_20260227	SB01 (1-2')	Lead
	2/27/2026 14:46	HN2603084-010	1493 ANNABELLE	1493 Ann SB09 (0-1')_20260227	SB09 (0-1')	Lead
	2/27/2026 14:47	HN2603086-010	12725 AUGUST	12725 Aug SB10 (0-1')_20260227	SB10 (0-1')	Lead
	3/4/2026 9:52	HN2603358-006	9624 BESSEMORE	9624 Bes SB04 (0-1')_20260304	SB04 (0-1')	Lead
	3/9/2026 12:27	HN2603642-008	15871 ILIAD	15871 Ili SB06 (0-1')_20260309	SB06 (0-1')	Lead, Chromium
	3/9/2026 12:32	HN2603642-009	15871 ILIAD	15871 Ili SB08 (0-1')_20260309	SB08 (0-1')	Lead
	3/16/2026 14:52	HN2604244-005	2638 LIDDESDALE	2638 Lid SB02 (0-1')_20260316	SB02 (0-1')	Lead
	3/16/2026 11:39	HN2604243-003	11945 VISGER	11945 Vis SB12 (1-2')_20260316	SB12 (1-2')	Lead
	3/10/2026 9:47	HN2603747-001	4852 WOODHALL	4852 Woo SB02 (3-4')_20260310	SB02 (3-4')	Lead

Environmental Division
Holland

Work Order Reference
HN2605075



Telephone : +1 616 399 6070

Kirby

3/31/26 0800

4.0°C 126



ALS Holland
3352 128th Ave., Holland MI 49424

ALS Holland Sample Receiving Checklist

Received by: Kerru

Date/Time: 3/31/26 0800

Carrier Name: ALS

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): 4.0 / 4.0 °C

Thermometer(s): 126

Sample(s) received on ice? Yes / No

Matrix/Matrices: 5012

Cooler(s)/Kit(s): _____

Date/Time sample(s) sent to storage: 3/31/26 1200

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:

STORED IN LTS FRIDGE

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: 3727 Rochester

Work Order: HN2605075

Sample Name: 3727 SB01 (1-2')_20260209
Laboratory Code: HN2605075-001
Sample Matrix: SOIL

Date Collected: 02/09/26
Date Received: 03/31/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 6020B	EPA 3015A	001-AC	2535307	Nicolee Allen	4013985	Hunter Johnson

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL

Work Order: HN2605075
Date Collected: 02/09/26 15:15
Date Received: 03/31/26 08:00

CLIENT ID: 3727 SB01 (1-2')_20260209 **Lab ID:** HN2605075-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
TCLP Metals								
Lead	EPA 6020B	<0.00220	U	mg/L	0.0499	1	04/13/26 18:04	04/12/26 11:09

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3727 Rochester
Matrix: SOIL/SOLID
QC Lot: 2535307

Work Order: HN2605075
Date Collected: NA
Date Received: NA
Run ID: 4013985

TCLP Metals

MB	CLIENT ID: Method Blank	Lab ID: QC-2535307-001
-----------	--------------------------------	-------------------------------

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 04/13/26 17:32
Prep Date: 04/12/26 11:10

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Lead	<0.00220	mg/L	0.0499							U

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2535307-002
------------	---	-------------------------------

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 04/13/26 17:34
Prep Date: 04/12/26 11:10

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Lead	1.01	mg/L	0.0499	1		101	80-120			

MS	CLIENT ID: Batch QC	Lab ID: QC-2535307-004
-----------	----------------------------	-------------------------------

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 04/13/26 17:37
Prep Date: 04/12/26 11:10

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Lead	1.07	mg/L	0.0499	1	0.108	96.4	75-125			

MSD	CLIENT ID: Batch QC	Lab ID: QC-2535307-005
------------	----------------------------	-------------------------------

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 04/13/26 17:39
Prep Date: 04/12/26 11:10

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Lead	1.05	mg/L	0.0499	1	0.108	93.8	75-125	2.47	20	

The following samples were analyzed in this batch: HN2605075-001