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FILL MATERIAL SAMPLING REPORT

9161 NORCROSS STREET
DETROIT, WAYNE COUNTY, MICHIGAN 48213



FEBRUARY 25, 2026
REVISED: APRIL 13, 2026

PREPARED FOR:

THE CITY OF DETROIT DEMOLITION DEPARTMENT

1301 THIRD STREET, SUITE 606

DETROIT, MICHIGAN 48226



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DETROIT, WAYNE COUNTY, MICHIGAN 48213

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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 9161 Norcross 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 9161 SB01, 9161 SB02, and 9161 SB03 generally consisted of brown to dark gray silty sand and gravel with silty 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.
- Concentrations of arsenic, chromium (Total), and zinc were detected in soil samples 9161 SB01 (1-2')_20260204, 9161 SB02 (3-4')_20260204, and/or 9161 SB03 (5-6')_20260204 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 2-methylnaphthalene, 3 & 4-methylphenol, 4,4'-DDE, barium, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, bis(2-ethylhexyl) phthalate, chrysene, copper, cresols (Total), fluoranthene, indeno(1,2,3-cd)pyrene, lead, mercury, phenanthrene, and pyrene were detected in soil samples 9161 SB01 (1-2')_20260204, 9161 SB02 (3-4')_20260204, and/or 9161 SB03 (5-6')_20260204 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, chloride, and herbicides were not detected above laboratory method detection reporting limits.
- Groundwater was not encountered during soil boring activities completed as part of this investigation. Groundwater is not utilized as drinking water at or near the Site, as municipal water is supplied via the COD, and the general geology of the Site and surrounding area consists of fill materials underlain by clay overlying bedrock. Therefore, the drinking water (DW) exposure pathway can be considered not applicable. Additionally, groundwater was not encountered during this investigation to transport contaminants to either storm sewers or

surface water and the clay layer also inhibits migration. Therefore, the groundwater surface water exposure pathway can be considered not applicable. Given that the site is residential, exceedances of direct contact criteria may merit further consideration.

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

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

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1.0 INTRODUCTION

The Mannik & Smith Group, Inc. (MSG) was retained by the City of Detroit (COD) to conduct sampling and analysis of fill materials at the property commonly addressed as 9161 Norcross 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 4, 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 4, 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 9161 SB01, 9161 SB02, and 9161 SB03, using a direct push drill rig at the locations depicted on Figure 2. Photographs collected during the completion of this work are provided in *Appendix C, Investigation Photographs*.

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

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

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

3.3 Decontamination

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

3.4 Analytical Methods

A total of three (3) soil samples designated 9161 SB01 (1-2')_20260204, 9161 SB02 (3-4')_20260204, and 9161 SB03 (5-6')_20260204, 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. Per the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025, duplicate soil samples and field blanks were not collected.

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

4.0 SUMMARY OF RESULTS

The following subsections include a discussion of the soil samples that were collected from the Site on February 4, 2026.

4.1 Site Geology and Hydrogeology

The stratigraphy encountered during soil boring advancement of 9161 SB01, 9161 SB02, and 9161 SB03 generally consisted of brown to dark gray silty sand and gravel with silty 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.

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

4.2 Soil Sample Analytical Results

Three (3) soil samples, designated 9161 SB01 (1-2')_20260204, 9161 SB02 (3-4')_20260204, and 9161 SB03 (5-6')_20260204 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 ($\mu\text{g}/\text{kg}^1$)	Maximum Detected Concentration ($\mu\text{g}/\text{kg}$)
Arsenic	7440-38-2	9161 SB01 (1-2)_20260204 9161 SB02 (3-4)_20260204 9161 SB03 (5-6)_20260204	GSIPC ² / 4,600 DWPC ³ / 4,600 DCC ⁴ / 7,600	13,000
Chromium (Total)	7440-47-3	9161 SB03 (5-6)_20260204	GSIPC / 3,300	20,600
Zinc	7440-66-6	9161 SB03 (5-6)_20260204	GSIPC / 160,000	917,000

¹ $\mu\text{g}/\text{kg}$ – 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 9161 SB01, 9161 SB02, and 9161 SB03 generally consisted of brown to dark gray silty sand and gravel with silty 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.
- Concentrations of arsenic, chromium (Total), and zinc were detected in soil samples 9161 SB01 (1-2')_20260204, 9161 SB02 (3-4')_20260204, and/or 9161 SB03 (5-6')_20260204 in excess of Part 201 GSIPC, DWPC, and/or DCC.
- Concentrations of 2-methylnaphthalene, 3 & 4-methylphenol, 4,4'-DDE, barium, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, bis(2-ethylhexyl) phthalate, chrysene, copper, cresols (Total), fluoranthene, indeno(1,2,3-cd)pyrene, lead, mercury, phenanthrene, and pyrene were detected in soil samples 9161 SB01 (1-2')_20260204, 9161 SB02 (3-4')_20260204, and/or 9161 SB03 (5-6')_20260204 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, chloride, and herbicides were not detected above laboratory method detection reporting limits.
- Groundwater was not encountered during soil boring activities completed as part of this investigation. Groundwater is not utilized as drinking water at or near the Site, as municipal water is supplied via the COD, and the general geology of the Site and surrounding area consists of fill materials underlain by clay overlying bedrock. Therefore, the drinking water (DW) exposure pathway can be considered not applicable. Additionally, groundwater was not encountered during this investigation to transport contaminants to either storm sewers or surface water and the clay layer also inhibits migration. Therefore, the groundwater surface water exposure

pathway can be considered not applicable. Given that the site is residential, exceedances of direct contact criteria may merit further consideration.

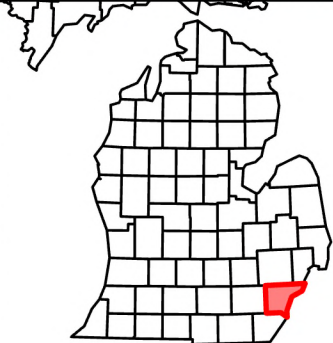
MSG has evaluated the analytical results of the fill material. Based upon the analytical results, we have determined that the material is contaminated above the state's Part 201 GRCC, as applicable.

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

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FIGURES





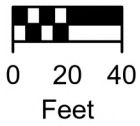
★ Site Location



FIGURE 1
SITE LOCATION

9161 Norcross, Detroit, MI

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

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



FIGURE 2
Site Layout

9161 Norcross, Detroit, MI

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



Table 1
Soil Sample Analytical Detection Summary

Detroit Backfill Sampling
9161 Norcross, 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	Metals							Pesticides	Semivolatile Organic Compounds (SVOCs)																	
	Arsenic (B)	Barium (B)	Chromium, Total (B)	Copper (B)	Lead (B)	Mercury (B)	Zinc (B)	4,4'-DDE	2-Methylnaphthalene	3 & 4-Methylphenol	Benzo(A)Anthracene	Benzo(A)Pyrene	Benzo(B)Fluoranthene	Benzo(G,H,I)Perylene	Benzo(K)Fluoranthene	Bis(2-ethylhexyl) phthalate	Chrysene	Cresols, Total	Fluoranthene	Indeno(1,2,3-Cd)Pyrene	Phenanthrene	Pyrene				
	CAS Number	7440-38-2	7440-39-3	7440-47-3	7440-50-8	7439-92-1	7439-97-6	7440-66-6	72-55-9	91-57-6	65794-96-9	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9	117-81-7	218-01-9	1319-77-3	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	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	NC			
	Drinking Water Protection Criteria (DWPC)	4,600	1.30E+06	30,000	5.80E+06	7.00E+05	1,700	2.40E+06	NLL	57,000	NC	NLL	NLL	NLL	NLL	NLL	NLL	NLL	7,400	7.30E+05	NLL	56,000	4.80E+05			
	Groundwater Surface Water Interface Protection Criteria (GSIPC)	4,600	4.40E+05 ^(G)	3,300	75,000 ^(G)	6.00E+06 ^(G)	50 ^(M,1,2)	1.60E+05	NLL	4,200	NC	NLL	NLL	NLL	NLL	NLL	NLL	NLL	1000 ^(M,600)	5,500	NLL	2,100	ID			
	Soil Volatilization to Indoor Air Inhalation (SVIIC)	NLV	NLV	NC	NLV	NLV	48,000	NC	NLV	2.70E+06	NC	NLV	NLV	ID	NLV	NLV	NLV	ID	NLV	1.00E+09	NLV	2.80E+06	1.00E+09			
	Soil Volatilization to Indoor Air Pathway (SVIAP)	NC	NC	NC	NC	NC	22 ^(M)	NC	39,000	1,700	NC	1.60E+05 ^(M)	NC	NC	NC	NC	NC	NC	NC	NC	NC	1,700	2.50E+07			
	Infinite Source Volatile Soil Inhalation Criteria (VSIC)	NLV	NLV	NC	NLV	NLV	52,000	NC	NLV	1.50E+06	NC	NLV	NLV	ID	NLV	NLV	NLV	ID	NLV	7.40E+08	NLV	1.60E+05	6.50E+08			
Finite Source Volatile Soil Inhalation Criteria (5 m) (VSIC 5m)	NLV	NLV	NC	NLV	NLV	52,000	NC	NLV	1.50E+06	NC	NLV	NLV	ID	NLV	NLV	NLV	ID	NLV	7.40E+08	NLV	1.60E+05	6.50E+08				
Finite Source Volatile Soil Inhalation Criteria (2 m) (VSIC 2m)	NLV	NLV	NC	NLV	NLV	52,000	NC	NLV	1.50E+06	NC	NLV	NLV	ID	NLV	NLV	NLV	ID	NLV	7.40E+08	NLV	1.60E+05	6.50E+08				
Particulate Soil Inhalation Criteria (PSIC)	7.20E+05	3.30E+08	2.60E+05	1.30E+08	1.00E+08	2.00E+07	NC	3.20E+07	6.70E+08	NC	ID	1.50E+06	ID	8.00E+08	ID	7.00E+08	ID	6.70E+09	9.30E+09	ID	6.70E+06	6.70E+09				
Direct Contact Criteria (DCC)	7,600	3.70E+07	2.50E+06	2.00E+07	4.00E+05	1.60E+05	1.70E+08	45,000	8.10E+06	NC	20,000	2,000	20,000	2.50E+06	2.00E+05	2.80E+06	2.00E+06	1.10E+07	4.60E+07	20,000	1.60E+06	2.90E+07				
Soil Saturation Concentration Screening Levels (Csat)	NA	NA	NC	NA	NA	NA	NC	NA	NA	NC	NA	NA	NA	NA	NA	1.00E+07	NA	NA	NA	NA	NA	NA				
Sample ID	Sample Depth (ft)		Sample Date																							
9161 SB01	1.0 - 2.0		02/04/2026		7,310	18,900	7,440	11,700	6,620	<13.6	44,300	<7.19	<9.15	<49	<15.5	<11	<13.4	<13.8	<13.6	<74.4	<14.5	<24.3	<8.64	<12.5	<8.37	<8.98
9161 SB02	3.0 - 4.0		02/04/2026		13,000	21,000	7,790	14,500	7,870	<13.8	52,200	<6.98	<6.08	<32.6	<10.3	<7.33	<8.91	<9.16	<9.05	<49.4	<9.66	<16.2	<5.74	<8.32	<5.56	<5.96
9161 SB03	5.0 - 6.0		02/04/2026		8,720	117,000	20,600	27,400	229,000 *	89.3	917,000	52.5	20.6	624	115	111	144	105	55.6	249	113	624	200	98.9	105	233

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
9161 Norcross, 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		Lead 5.00
SAMPLE ID	SAMPLE DATE	
9161 SB03 (5-6') 20260204	2/4/2026	0.261

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: 02/4/2026	Day: Wednesday	Temp: 21°	(AM)	N/A	(PM)
MSG Personnel: JDF, WRD, ZRG		Cloud Cover: N/A	(AM)	N/A	(PM)
		Precip.: N/A	(AM)	N/A	(PM)
Personnel: MSG					
MSG Hours On-Site: ~ 0.8 hour					

Contractors Information		
Contractor: MSG	No. Men and Type: 3; Operator/ Geologist /Helper	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:
1143 – MSG onsite (9161 Norcross) 1155 – Unloaded equipment and marked out boring locations 1201 – Began drilling SB01 1204 – Finished drilling SB01 1204 – Began drilling SB02 1207 – Finished drilling SB02 1208 – Began drilling SB03 1211 – Finished drilling SB03 1213 – MSG screens soils prior to sampling 1215 – Sampled 9161 SB01 (1-2')_20260204 1218 – Sampled 9161 SB02 (3-4')_20260204 1221 – Sampled 9161 SB03 (5-6')_20260204 1229– Packed up equipment 1235 – 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 west.



Photo 2: View of drilling at 9161 SB01, facing west.



Photo 3: View of drilling 9161 SB02, facing west.



Photo 4: View of drilling at 9161 SB03, facing west.



Photo 5: Viewing 9161 SB01, SB02, and SB03 soil recovery, facing west.

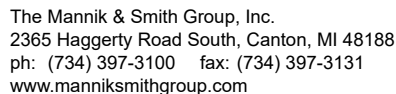


Photo 6: View of the Site post-drilling, facing west.

APPENDIX D

SOIL BORING LOGS





Sheet 1 of 1

PROJECT NAME Backfill Soil Sampling

PROJECT LOCATION 9161 Norcross, Detroit, MI

POSITION _____

SURFACE ELEVATION **FINAL DEPTH** 6.0 ft

LOGGED BY WRD CHECKED BY PDH

REMARKS _____

DEPTH (ft)	SAMPLE INTERVALS	RECOVERY %	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (PPM)	REMARKS
	ES	42		Brown, Silty SAND, Some Gravel, Little Clay, Moist	0	Collected Soil Sample 9161 SB01 (1-2') _20260204 at 1215
				0		
				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 SB02

Sheet 1 of 1

CLIENT City of Detroit
PROJECT NUMBER DETR0060_9161 Norcross
DATE STARTED 02-04-2026 **COMPLETED** 02-04-2026
DRILLING CONTRACTOR MSG
DRILLING METHOD Direct Push
EQUIPMENT Geoprobe 7822DT **Operator** JF

PROJECT NAME Backfill Soil Sampling
PROJECT LOCATION 9161 Norcross, Detroit, MI
POSITION _____
SURFACE ELEVATION _____ **FINAL DEPTH** 6.0 ft
LOGGED BY WRD **CHECKED BY** PDH
REMARKS _____

DEPTH (ft)	SAMPLE INTERVALS	RECOVERY %	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (PPM)	REMARKS
				Brown, Silty SAND, Some Gravel, Little Clay, Moist		
					0	
					0	
ES		38			0	Collected Soil Sample 9161 SB02 (3-4') _20260204 at 1218
					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 _____

APPENDIX E

LABORATORY ANALYTICAL REPORTS AND CHAIN OF CUSTODY FORMS





right solutions.
right partner.

February 12, 2026

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

Re: **9161 Norcross**

Date Received: **02/05/2026**

Work Order: **HN2601663**

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: 9161 Norcross

Work Order: HN2601663
Date Received: 05-Feb-2026

CASE NARRATIVE

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

Sample Receipt

3 soil/solid samples were received for analysis at ALS Environmental on 05-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: HN2601663

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

Organics

EPA 8270E-FULL HN-3546-S

Run ID: 3874938

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: 2,3,5,6-Tetrachlorophenol.

Metals

EPA 6020B-3050B-S

Run ID: 3871847

Samples HN2601663-001 through -003: The reporting limits are elevated for Cd, Se and Ag due to the dilutions needed for high concentrations of non-target analytes.

SAMPLE DETECTION SUMMARY

This form includes only detections above the limits as presented.

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



CLIENT ID: 9161 SB01 (1-2')_20260204	Lab ID: HN2601663-001
---	------------------------------

Analyte	Results	Flag	MRL	Units	Method
Arsenic	7.31		2.92	mg/kg	EPA 6020B
Barium	18.9		2.92	mg/kg	EPA 6020B
Chromium	7.44		2.92	mg/kg	EPA 6020B
Copper	11.7		2.92	mg/kg	EPA 6020B
Lead	6.62		2.92	mg/kg	EPA 6020B
Percent Moisture	8.7		0.1	%	EPA 3550C
Zinc	44.3		5.85	mg/kg	EPA 6020B

CLIENT ID: 9161 SB02 (3-4')_20260204	Lab ID: HN2601663-002
---	------------------------------

Analyte	Results	Flag	MRL	Units	Method
Arsenic	13.0		2.99	mg/kg	EPA 6020B
Barium	21.0		2.99	mg/kg	EPA 6020B
Chromium	7.79		2.99	mg/kg	EPA 6020B
Copper	14.5		2.99	mg/kg	EPA 6020B
Lead	7.87		2.99	mg/kg	EPA 6020B
Percent Moisture	7.6		0.1	%	EPA 3550C
Zinc	52.2		5.99	mg/kg	EPA 6020B

CLIENT ID: 9161 SB03 (5-6')_20260204	Lab ID: HN2601663-003
---	------------------------------

Analyte	Results	Flag	MRL	Units	Method
2-Methylnaphthalene	20.6		20.6	µg/kg	EPA 8270E
3&4-Methylphenol	624		102	µg/kg	EPA 8270E
4,4'-DDE	52.5		30.5	µg/kg	EPA 8081B
Arsenic	8.72		3.91	mg/kg	EPA 6020B
Barium	117		3.91	mg/kg	EPA 6020B
Benzo(a)anthracene	115		20.6	µg/kg	EPA 8270E
Benzo(a)pyrene	111		20.6	µg/kg	EPA 8270E
Benzo(b)fluoranthene	144		20.6	µg/kg	EPA 8270E
Benzo(g,h,i)perylene	105		20.6	µg/kg	EPA 8270E
Benzo(k)fluoranthene	55.6		20.6	µg/kg	EPA 8270E
Chromium	20.6		3.91	mg/kg	EPA 6020B
Chrysene	113		20.6	µg/kg	EPA 8270E
Copper	27.4		3.91	mg/kg	EPA 6020B
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl) phthalate, DEHP)	249		102	µg/kg	EPA 8270E
Fluoranthene	200		20.6	µg/kg	EPA 8270E
Indeno(1,2,3-cd) pyrene	98.9		20.6	µg/kg	EPA 8270E
Lead	229	*	3.91	mg/kg	EPA 6020B
Mercury	0.0893		0.0247	mg/kg	EPA 7471B
Methylphenol, Total	624		102	µg/kg	EPA 8270E
Percent Moisture	24.8		0.1	%	EPA 3550C
Phenanthrene	105		20.6	µg/kg	EPA 8270E

SAMPLE DETECTION SUMMARY

This form includes only detections above the limits as presented.

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



CLIENT ID: 9161 SB03 (5-6')_20260204

Lab ID: HN2601663-003

Analyte	Results	Flag	MRL	Units	Method
Pyrene	233		20.6	µg/kg	EPA 8270E
Zinc	917		7.83	mg/kg	EPA 6020B

SAMPLE SUMMARY



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Workorder: HN2601663

Laboratory Sample ID	Client Sample ID	Sample Matrix	Collection Date	Date Received
HN2601663-001	9161 SB01 (1-2')_20260204	SOIL/SOLID	02/04/26 12:15	02/05/26 06:00
HN2601663-002	9161 SB02 (3-4')_20260204	SOIL/SOLID	02/04/26 12:18	02/05/26 06:00
HN2601663-003	9161 SB03 (5-6')_20260204	SOIL/SOLID	02/04/26 12:21	02/05/26 06:00

Chain of Custody Form

Page ____ of ____



Telephone : +1 616 399 8070

ALS Project Manager:							Work Order #:											
Project Information							Parameter/Method Request for Analysis											
Project Name		9161 Norcross					A	VOCs (U.S. EPA Method 8260C (or Method 8260))										
Project Number		DETR0060					B	SVOCs (U.S. EPA Method 8270D (or Method 8270))										
Billed To Company		Mannik Smith Group					C	PCBs (U.S. EPA Method 8082)										
Send Report To		Ryan Montri and Olivia Mitchell					D	Mi 10 Metals (U.S. EPA 6000/7000 Series Methods)										
Address		2365 South Haggerty Road					E	Chlorides (U.S. EPA Method 9056A)										
							F	Pesticides (U.S. EPA Method 8081B (or Method 8081))										
City/State/Zip		Canton, Mi 48188					G	Herbicides (U.S. EPA Method 8151A (or Method 8151))										
Phone		734-397-3100					H											
Fax							I											
e-Mail Address		rmontri@manniksmithgroup.com					J											
e-Mail Address		omitchell@manniksmithgroup.com																
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold	
1	9161 SB01 (1-2 ')_2026 02 04	2/4/26	1215	Soil	7	3	✓	✓	✓	✓	✓	✓	✓					
2	9161 SB02 (3-4 ')_2026 02 04	I	1218	Soil	7	3	✓	✓	✓	✓	✓	✓	✓					
3	9161 SB03 (5-6 ')_2026 02 04	I	1221	Soil	7	3	✓	✓	✓	✓	✓	✓	✓					
4																		
5																		
6																		
7																		
8																		
9																		
10																		
Sampler(s): Please Print & Sign WILEY DAVENPORT						Shipment Method:		Required Turnaround Time: ☐ STD 10 Wk Days ☒ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour				Results Due Date:						
Relinquished by:		Date:	Time:	Received by:		Notes:												
		2/4/26	1559			2/4 1559 Rec'd 2/5/26 0600 Q 202												
Relinquished by:		Date:	Time:	Received by (Laboratory):		Cooler Temp. QC Package: (Check Box Below)												
		2/4	1700			126 3.3°C												
Logged by (Laboratory):		Date:	Time:	Checked by (Laboratory):		Level II: Standard QC TRRP-Checklist												
DFS		2/5/26	0800			Level III: Std QC + Raw Data TRRP Level IV												
Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035						Level IV: SW846 CLP-Like												
						Other:												



ALS Holland
3352 128th Ave., Holland MI 49424

ALS Holland Sample Receiving Checklist

Received by:

Diane F. Shaw

Date/Time:

2/5/26 0600

Carrier Name:

QS

Shipping container/cooler in good condition?

☒ Yes / No / Not Present

Custody seals intact on shipping container/cooler?

Yes / No / ☒ Not Present

Custody seals intact on sample bottles?

Yes / No / ☒ Not Present

Chain of Custody present?

☒ Yes / No

COC signed when relinquished and received?

☒ Yes / No

COC agrees with sample labels?

☒ Yes / No

Samples in proper container/bottle?

☒ Yes / No

Sample containers intact?

☒ Yes / No

Sufficient sample volume for indicated test?

☒ Yes / No

All samples received within holding time?

☒ Yes / No

Container/Temp Blank temperature in compliance?

☒ Yes / No

Temperature(s) (°C):

3.3 / 3.3 °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:

2/5/26 0830

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: 9161 Norcross

Work Order: HN2601663

Sample Name: 9161 SB01 (1-2')_20260204
Laboratory Code: HN2601663-001
Sample Matrix: SOIL/SOLID

Date Collected: 02/04/26
Date Received: 02/05/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		001-AC	2443180		3863426	Nicole Maleski
EPA 6020B	EPA 3050B	001-AC	2448048	Weston Kotecki	3871847	Hunter Johnson
EPA 7471B	Method	001-AC	2446652	Maxx Richey	3870906	Maxx Richey
EPA 8081B	EPA 3546	001-AC	2443895	Rachel Plantinga	3871236	Madison VandenBer
EPA 8082A	EPA 3546	001-AC	2443913	Rachel Plantinga	3869381	Madison VandenBer
EPA 8151A	Method	001-AC	2444185	Rachel Plantinga	3875819	Kathy Malmyga
EPA 8260D	EPA 5035A	001-AA	2442378	Jonathan Vazquez	3864175	Nathan Jenkins
EPA 8270E	EPA 3546	001-AC	2446517	Willow Julien	3874938	Sam Marcotte
EPA 9056A	EPA 9056A	001-AC	2442301	Sage Hansen	3866220	Katrina Grassel

Sample Name: 9161 SB02 (3-4')_20260204
Laboratory Code: HN2601663-002
Sample Matrix: SOIL/SOLID

Date Collected: 02/04/26
Date Received: 02/05/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		002-AC	2443180		3863426	Nicole Maleski
EPA 6020B	EPA 3050B	002-AC	2448048	Weston Kotecki	3871847	Hunter Johnson
EPA 7471B	Method	002-AC	2448132	Maxx Richey	3873366	Maxx Richey
EPA 8081B	EPA 3546	002-AC	2443895	Rachel Plantinga	3871236	Madison VandenBer
EPA 8082A	EPA 3546	002-AC	2443913	Rachel Plantinga	3869381	Madison VandenBer
EPA 8151A	Method	002-AC	2444185	Rachel Plantinga	3875819	Kathy Malmyga
EPA 8260D	EPA 5035A	002-AA	2442378	Jonathan Vazquez	3864175	Nathan Jenkins
EPA 8270E	EPA 3546	002-AC	2446517	Willow Julien	3874938	Sam Marcotte
EPA 9056A	EPA 9056A	002-AC	2442301	Sage Hansen	3866220	Katrina Grassel

Sample Name: 9161 SB03 (5-6')_20260204
Laboratory Code: HN2601663-003
Sample Matrix: SOIL/SOLID

Date Collected: 02/04/26
Date Received: 02/05/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		003-AC	2443180		3863426	Nicole Maleski

ANALYST SUMMARY



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross

Work Order: HN2601663

Sample Name: 9161 SB03 (5-6')_20260204
Laboratory Code: HN2601663-003
Sample Matrix: SOIL/SOLID

Date Collected: 02/04/26
Date Received: 02/05/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 6020B	EPA 3050B	003-AC	2448048	Weston Kotecki	3871847	Hunter Johnson
EPA 7471B	Method	003-AC	2448132	Maxx Richey	3873366	Maxx Richey
EPA 8081B	EPA 3546	003-AC	2443895	Rachel Plantinga	3871236	Madison VandenBer
EPA 8081B	EPA 3546	003-AC	2443895	Rachel Plantinga	3873613	Nathaniel Dietlin
EPA 8082A	EPA 3546	003-AC	2443913	Rachel Plantinga	3869381	Madison VandenBer
EPA 8151A	Method	003-AC	2444185	Rachel Plantinga	3875819	Kathy Malmyga
EPA 8260D	EPA 5035A	003-AA	2442378	Jonathan Vazquez	3864175	Nathan Jenkins
EPA 8270E	EPA 3546	003-AC	2446517	Willow Julien	3874938	Sam Marcotte
EPA 9056A	EPA 9056A	003-AC	2442301	Sage Hansen	3866220	Katrina Grassel

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:15
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB01 (1-2')_20260204

Lab ID: HN2601663-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<2.51	U	µg/kg	13.6	1	02/11/26 00:07	02/06/26 19:03
2,4,5-TP (Silvex)	EPA 8151A	<4.48	U	µg/kg	13.6	1	02/11/26 00:07	02/06/26 19:03
2,4-D	EPA 8151A	<7.29	U	µg/kg	27.3	1	02/11/26 00:07	02/06/26 19:03
Surr: DCAA	EPA 8151A	50.0		%REC	10-116	1	02/11/26 00:07	02/06/26 19:03
General Chemistry Parameters								
Percent Moisture	EPA 3550C	8.7		%	0.1	1	02/05/26 17:29	NA
Chloride	EPA 9056A	<3.24	U	mg/kg	10.5	1	02/07/26 02:33	02/05/26 13:01
Metals								
Arsenic	EPA 6020B	7.31		mg/kg	2.92	10	02/10/26 18:55	02/10/26 09:39
Barium	EPA 6020B	18.9		mg/kg	2.92	10	02/10/26 18:55	02/10/26 09:39
Cadmium	EPA 6020B	<0.175	U	mg/kg	1.17	10	02/10/26 18:55	02/10/26 09:39
Chromium	EPA 6020B	7.44		mg/kg	2.92	10	02/10/26 18:55	02/10/26 09:39
Copper	EPA 6020B	11.7		mg/kg	2.92	10	02/10/26 18:55	02/10/26 09:39
Lead	EPA 6020B	6.62		mg/kg	2.92	10	02/10/26 18:55	02/10/26 09:39
Selenium	EPA 6020B	<2.69	U	mg/kg	2.92	10	02/10/26 18:55	02/10/26 09:39
Silver	EPA 6020B	<0.386	U	mg/kg	2.92	10	02/10/26 18:55	02/10/26 09:39
Zinc	EPA 6020B	44.3		mg/kg	5.85	10	02/10/26 18:55	02/10/26 09:39
Mercury	EPA 7471B	<0.0136	U	mg/kg	0.0200	1	02/10/26 12:13	02/09/26 10:57
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<6.97	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
4,4'-DDE	EPA 8081B	<7.19	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
4,4'-DDT	EPA 8081B	<7.26	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
Aldrin	EPA 8081B	<7.09	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
alpha-BHC	EPA 8081B	<7.18	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
beta-BHC	EPA 8081B	<7.17	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
Chlordane, Technical	EPA 8081B	<10.8	U	µg/kg	27.3	1	02/09/26 11:34	02/06/26 09:21
cis-Chlordane	EPA 8081B	<7.29	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
delta-BHC	EPA 8081B	<7.14	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
Dieldrin	EPA 8081B	<7.63	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:15
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB01 (1-2')_20260204

Lab ID: HN2601663-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<7.33	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
Endosulfan II	EPA 8081B	<7.23	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
Endosulfan sulfate	EPA 8081B	<6.71	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
Endrin	EPA 8081B	<8.83	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
Endrin aldehyde	EPA 8081B	<6.92	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
Endrin ketone	EPA 8081B	<6.64	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
gamma-BHC (Lindane)	EPA 8081B	<7.16	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
Heptachlor	EPA 8081B	<7.04	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
Heptachlor epoxide	EPA 8081B	<7.22	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
Methoxychlor	EPA 8081B	<7.30	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
Toxaphene	EPA 8081B	<11.8	U	µg/kg	65.5	1	02/09/26 11:34	02/06/26 09:21
trans-Chlordane	EPA 8081B	<7.25	U	µg/kg	10.9	1	02/09/26 11:34	02/06/26 09:21
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8081B</i>	96.0		%REC	53-151	1	02/09/26 11:34	02/06/26 09:21
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8081B</i>	104		%REC	67-127	1	02/09/26 11:34	02/06/26 09:21

Polychlorinated Biphenyls (PCBs) by GC/ECD

Aroclor 1016	EPA 8082A	<24.9	U	µg/kg	72.8	1	02/06/26 19:17	02/06/26 09:06
Aroclor 1221	EPA 8082A	<24.9	U	µg/kg	72.8	1	02/06/26 19:17	02/06/26 09:06
Aroclor 1232	EPA 8082A	<24.9	U	µg/kg	72.8	1	02/06/26 19:17	02/06/26 09:06
Aroclor 1242	EPA 8082A	<24.9	U	µg/kg	72.8	1	02/06/26 19:17	02/06/26 09:06
Aroclor 1248	EPA 8082A	<24.9	U	µg/kg	72.8	1	02/06/26 19:17	02/06/26 09:06
Aroclor 1254	EPA 8082A	<20.3	U	µg/kg	72.8	1	02/06/26 19:17	02/06/26 09:06
Aroclor 1260	EPA 8082A	<20.3	U	µg/kg	72.8	1	02/06/26 19:17	02/06/26 09:06
Aroclor 1262	EPA 8082A	<20.3	U	µg/kg	72.8	1	02/06/26 19:17	02/06/26 09:06
Aroclor 1268	EPA 8082A	<20.3	U	µg/kg	72.8	1	02/06/26 19:17	02/06/26 09:06
Total PCB	EPA 8082A	<20.3	U	µg/kg	72.8	1	02/06/26 19:17	02/06/26 09:06
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8082A</i>	100		%REC	54-146	1	02/06/26 19:17	02/06/26 09:06
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8082A</i>	87.6		%REC	58-140	1	02/06/26 19:17	02/06/26 09:06

Semivolatile Organic Compounds by GC-MS

1,1'-Biphenyl (BZ-0)	EPA 8270E	<14.6	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<20.7	U	µg/kg	899	1	02/11/26 13:26	02/10/26 13:24

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:15
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB01 (1-2')_20260204

Lab ID: HN2601663-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<64.5	U	µg/kg	450	1	02/11/26 13:26	02/10/26 13:24
1-Methylnaphthalene	EPA 8270E	<13.0	U	µg/kg	18.0	1	02/11/26 13:26	02/10/26 13:24
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<21.1	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
2,3,4,6-Tetrachlorophenol	EPA 8270E	<65.9	U	µg/kg	180	1	02/11/26 13:26	02/10/26 13:24
2,4,5-Trichlorophenol	EPA 8270E	<53.3	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
2,4,6-Trichlorophenol	EPA 8270E	<23.9	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
2,4-Dichlorophenol	EPA 8270E	<48.4	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
2,4-Dimethylphenol	EPA 8270E	<46.3	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
2,4-Dinitrophenol	EPA 8270E	<658	U	µg/kg	899	1	02/11/26 13:26	02/10/26 13:24
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<58.4	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<23.0	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
2-Chloronaphthalene	EPA 8270E	<12.6	U	µg/kg	18.0	1	02/11/26 13:26	02/10/26 13:24
2-Chlorophenol	EPA 8270E	<58.9	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<75.1	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
2-Methylnaphthalene	EPA 8270E	<9.15	U	µg/kg	18.0	1	02/11/26 13:26	02/10/26 13:24
2-Methylphenol (o-Cresol)	EPA 8270E	<24.3	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
2-Nitroaniline	EPA 8270E	<50.0	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
2-Nitrophenol	EPA 8270E	<25.6	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
3&4-Methylphenol	EPA 8270E	<49.0	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
3,3'-Dichlorobenzidine	EPA 8270E	<42.0	U	µg/kg	450	1	02/11/26 13:26	02/10/26 13:24
3-Nitroaniline	EPA 8270E	<52.2	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<49.3	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
4-Chloro-3-methylphenol	EPA 8270E	<25.6	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
4-Chloroaniline	EPA 8270E	<45.7	U	µg/kg	180	1	02/11/26 13:26	02/10/26 13:24
4-Chlorophenyl phenylether	EPA 8270E	<24.9	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
4-Nitroaniline	EPA 8270E	<140	U	µg/kg	450	1	02/11/26 13:26	02/10/26 13:24
4-Nitrophenol	EPA 8270E	<211	U	µg/kg	899	1	02/11/26 13:26	02/10/26 13:24
Acenaphthene	EPA 8270E	<13.0	U	µg/kg	18.0	1	02/11/26 13:26	02/10/26 13:24

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:15
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB01 (1-2')_20260204

Lab ID: HN2601663-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<15.6	U	µg/kg	18.0	1	02/11/26 13:26	02/10/26 13:24
Acetophenone	EPA 8270E	<14.1	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
Anthracene	EPA 8270E	<12.7	U	µg/kg	18.0	1	02/11/26 13:26	02/10/26 13:24
Atrazine	EPA 8270E	<52.7	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
Benzaldehyde	EPA 8270E	<138	U	µg/kg	180	1	02/11/26 13:26	02/10/26 13:24
Benzo(a)anthracene	EPA 8270E	<15.5	U	µg/kg	18.0	1	02/11/26 13:26	02/10/26 13:24
Benzo(a)pyrene	EPA 8270E	<11.0	U	µg/kg	18.0	1	02/11/26 13:26	02/10/26 13:24
Benzo(b)fluoranthene	EPA 8270E	<13.4	U	µg/kg	18.0	1	02/11/26 13:26	02/10/26 13:24
Benzo(g,h,i)perylene	EPA 8270E	<13.8	U	µg/kg	18.0	1	02/11/26 13:26	02/10/26 13:24
Benzo(k)fluoranthene	EPA 8270E	<13.6	U	µg/kg	18.0	1	02/11/26 13:26	02/10/26 13:24
bis(2-Chloroethoxy) methane	EPA 8270E	<57.0	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
bis(2-Chloroethyl) ether	EPA 8270E	<25.5	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
Butyl benzyl phthalate	EPA 8270E	<113	U	µg/kg	180	1	02/11/26 13:26	02/10/26 13:24
Caprolactam	EPA 8270E	<81.2	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
Carbazole	EPA 8270E	<26.5	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
Chrysene	EPA 8270E	<14.5	U	µg/kg	18.0	1	02/11/26 13:26	02/10/26 13:24
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	<74.4	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
Dibenz(a,h) anthracene	EPA 8270E	<9.72	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
Dibenzofuran	EPA 8270E	<13.2	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
Diethyl phthalate	EPA 8270E	<30.6	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
Dimethyl phthalate	EPA 8270E	<17.5	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
Fluoranthene	EPA 8270E	<8.64	U	µg/kg	18.0	1	02/11/26 13:26	02/10/26 13:24
Fluorene	EPA 8270E	<13.1	U	µg/kg	18.0	1	02/11/26 13:26	02/10/26 13:24
Hexachlorobenzene	EPA 8270E	<26.2	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
Hexachlorobutadiene	EPA 8270E	<21.2	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
Hexachlorocyclopentadiene	EPA 8270E	<85.3	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
Hexachloroethane	EPA 8270E	<37.2	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
Indeno(1,2,3-cd) pyrene	EPA 8270E	<12.5	U	µg/kg	18.0	1	02/11/26 13:26	02/10/26 13:24
Isophorone	EPA 8270E	<17.6	U	µg/kg	450	1	02/11/26 13:26	02/10/26 13:24
Methylphenol, Total	EPA 8270E	<24.3	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:15
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB01 (1-2')_20260204

Lab ID: HN2601663-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<11.5	U	µg/kg	18.0	1	02/11/26 13:26	02/10/26 13:24
Nitrobenzene	EPA 8270E	<30.2	U	µg/kg	450	1	02/11/26 13:26	02/10/26 13:24
n-Nitrosodi-n-propylamine	EPA 8270E	<14.8	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
N-Nitrosodiphenylamine	EPA 8270E	<52.1	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
Pentachlorophenol	EPA 8270E	<71.5	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
Phenanthrene	EPA 8270E	<8.37	U	µg/kg	18.0	1	02/11/26 13:26	02/10/26 13:24
Phenol	EPA 8270E	<45.2	U	µg/kg	89.1	1	02/11/26 13:26	02/10/26 13:24
Pyrene	EPA 8270E	<8.98	U	µg/kg	18.0	1	02/11/26 13:26	02/10/26 13:24
Pyridine	EPA 8270E	<177	U	µg/kg	450	1	02/11/26 13:26	02/10/26 13:24
<i>Surr: 2,4,6-Tribromophenol</i>	<i>EPA 8270E</i>	80.7		%REC	48-94	1	02/11/26 13:26	02/10/26 13:24
<i>Surr: 2-Fluorobiphenyl</i>	<i>EPA 8270E</i>	83.2		%REC	50-103	1	02/11/26 13:26	02/10/26 13:24
<i>Surr: 2-Fluorophenol</i>	<i>EPA 8270E</i>	84.4		%REC	43-105	1	02/11/26 13:26	02/10/26 13:24
<i>Surr: 4-Terphenyl-d14</i>	<i>EPA 8270E</i>	86.3		%REC	55-111	1	02/11/26 13:26	02/10/26 13:24
<i>Surr: Nitrobenzene-d5</i>	<i>EPA 8270E</i>	90.9		%REC	47-100	1	02/11/26 13:26	02/10/26 13:24
<i>Surr: Phenol-d6</i>	<i>EPA 8270E</i>	88.5		%REC	49-110	1	02/11/26 13:26	02/10/26 13:24

Volatile Organic Compounds by GC-MS

1,1,1-Trichloroethane	EPA 8260D	<27.2	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
1,1,2,2-Tetrachloroethane	EPA 8260D	<26.5	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<38.0	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
1,1,2-Trichloroethane	EPA 8260D	<25.5	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
1,1-Dichloroethane	EPA 8260D	<21.9	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
1,1-Dichloroethylene	EPA 8260D	<19.4	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
1,2,3-Trichlorobenzene	EPA 8260D	<71.9	U	µg/kg	200	1	02/05/26 17:57	02/05/26 09:49
1,2,3-Trichloropropane	EPA 8260D	<25.1	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
1,2,4-Trichlorobenzene	EPA 8260D	<67.9	U	µg/kg	200	1	02/05/26 17:57	02/05/26 09:49
1,2,4-Trimethylbenzene	EPA 8260D	<44.0	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<55.2	U	µg/kg	200	1	02/05/26 17:57	02/05/26 09:49
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<35.2	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<22.7	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:15
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB01 (1-2')_20260204

Lab ID: HN2601663-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<35.2	U	µg/kg	200	1	02/05/26 17:57	02/05/26 09:49
1,2-Dichloropropane	EPA 8260D	<44.2	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
1,3,5-Trimethylbenzene	EPA 8260D	<42.3	U	µg/kg	200	1	02/05/26 17:57	02/05/26 09:49
1,3-Dichlorobenzene (m- Dichlorobenzene)	EPA 8260D	<41.4	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
1,3-Dichloropropene	EPA 8260D	<33.5	U	µg/kg	120	1	02/05/26 17:57	02/05/26 09:49
1,4-Dichlorobenzene (p- Dichlorobenzene)	EPA 8260D	<48.7	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<143	U	µg/kg	400	1	02/05/26 17:57	02/05/26 09:49
2-Hexanone	EPA 8260D	<29.7	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<55.9	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Acetone	EPA 8260D	<178	U	µg/kg	200	1	02/05/26 17:57	02/05/26 09:49
Benzene	EPA 8260D	<29.0	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Bromochloromethane	EPA 8260D	<30.5	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Bromodichloromethane	EPA 8260D	<33.6	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Bromoform	EPA 8260D	<25.2	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Carbon disulfide	EPA 8260D	<31.0	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Carbon tetrachloride	EPA 8260D	<23.5	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Chlorobenzene	EPA 8260D	<19.9	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Chlorodibromomethane	EPA 8260D	<33.7	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Chloroethane (Ethyl chloride)	EPA 8260D	<168	U	µg/kg	200	1	02/05/26 17:57	02/05/26 09:49
Chloroform	EPA 8260D	<22.0	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
cis-1,2-Dichloroethylene	EPA 8260D	<38.5	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
cis-1,3-Dichloropropene	EPA 8260D	<45.2	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Cyclohexane	EPA 8260D	<45.9	U	µg/kg	200	1	02/05/26 17:57	02/05/26 09:49
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<72.5	U	µg/kg	200	1	02/05/26 17:57	02/05/26 09:49
Ethylbenzene	EPA 8260D	<42.5	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Isopropylbenzene	EPA 8260D	<37.9	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
m+p-Xylene	EPA 8260D	<79.9	U	µg/kg	120	1	02/05/26 17:57	02/05/26 09:49
Methyl acetate	EPA 8260D	<71.8	U	µg/kg	499	1	02/05/26 17:57	02/05/26 09:49
Methyl bromide (Bromomethane)	EPA 8260D	<115	U	µg/kg	200	1	02/05/26 17:57	02/05/26 09:49

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:15
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB01 (1-2')_20260204

Lab ID: HN2601663-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<164	U	µg/kg	200	1	02/05/26 17:57	02/05/26 09:49
Methyl tert-butyl ether (MTBE)	EPA 8260D	<43.7	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Methylcyclohexane	EPA 8260D	<22.9	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Methylene chloride (Dichloromethane)	EPA 8260D	<159	U	µg/kg	499	1	02/05/26 17:57	02/05/26 09:49
o-Xylene	EPA 8260D	<23.2	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Styrene	EPA 8260D	<23.8	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<36.1	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Toluene	EPA 8260D	<49.4	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Total Xylene	EPA 8260D	<23.2	U	µg/kg	180	1	02/05/26 17:57	02/05/26 09:49
trans-1,2-Dichloroethylene	EPA 8260D	<49.4	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
trans-1,3-Dichloropropylene	EPA 8260D	<33.5	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Trichloroethene (Trichloroethylene)	EPA 8260D	<26.9	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<30.6	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
Vinyl chloride (Chloroethene)	EPA 8260D	<39.8	U	µg/kg	59.9	1	02/05/26 17:57	02/05/26 09:49
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>EPA 8260D</i>	100		%REC	80-120	1	02/05/26 17:57	02/05/26 09:49
<i>Surr: 4-Bromofluorobenzene</i>	<i>EPA 8260D</i>	102		%REC	80-120	1	02/05/26 17:57	02/05/26 09:49
<i>Surr: Dibromofluoromethane</i>	<i>EPA 8260D</i>	81.2		%REC	72-120	1	02/05/26 17:57	02/05/26 09:49
<i>Surr: Toluene-d8</i>	<i>EPA 8260D</i>	99.4		%REC	80-120	1	02/05/26 17:57	02/05/26 09:49

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:18
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB02 (3-4')_20260204

Lab ID: HN2601663-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<2.39	U	µg/kg	13.0	1	02/11/26 00:20	02/06/26 19:03
2,4,5-TP (Silvex)	EPA 8151A	<4.25	U	µg/kg	13.0	1	02/11/26 00:20	02/06/26 19:03
2,4-D	EPA 8151A	<6.93	U	µg/kg	25.9	1	02/11/26 00:20	02/06/26 19:03
Surr: DCAA	EPA 8151A	70.0		%REC	10-116	1	02/11/26 00:20	02/06/26 19:03
General Chemistry Parameters								
Percent Moisture	EPA 3550C	7.6		%	0.1	1	02/05/26 17:29	NA
Chloride	EPA 9056A	<3.18	U	mg/kg	10.3	1	02/07/26 02:41	02/05/26 13:01
Metals								
Arsenic	EPA 6020B	13.0		mg/kg	2.99	10	02/10/26 18:56	02/10/26 09:39
Barium	EPA 6020B	21.0		mg/kg	2.99	10	02/10/26 18:56	02/10/26 09:39
Cadmium	EPA 6020B	<0.180	U	mg/kg	1.20	10	02/10/26 18:56	02/10/26 09:39
Chromium	EPA 6020B	7.79		mg/kg	2.99	10	02/10/26 18:56	02/10/26 09:39
Copper	EPA 6020B	14.5		mg/kg	2.99	10	02/10/26 18:56	02/10/26 09:39
Lead	EPA 6020B	7.87		mg/kg	2.99	10	02/10/26 18:56	02/10/26 09:39
Selenium	EPA 6020B	<2.76	U	mg/kg	2.99	10	02/10/26 18:56	02/10/26 09:39
Silver	EPA 6020B	<0.395	U	mg/kg	2.99	10	02/10/26 18:56	02/10/26 09:39
Zinc	EPA 6020B	52.2		mg/kg	5.99	10	02/10/26 18:56	02/10/26 09:39
Mercury	EPA 7471B	<0.0138	U	mg/kg	0.0203	1	02/11/26 11:55	02/10/26 13:04
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<6.77	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
4,4'-DDE	EPA 8081B	<6.98	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
4,4'-DDT	EPA 8081B	<7.04	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
Aldrin	EPA 8081B	<6.88	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
alpha-BHC	EPA 8081B	<6.97	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
beta-BHC	EPA 8081B	<6.95	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
Chlordane, Technical	EPA 8081B	<10.5	U	µg/kg	26.5	1	02/09/26 11:48	02/06/26 09:21
cis-Chlordane	EPA 8081B	<7.08	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
delta-BHC	EPA 8081B	<6.93	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
Dieldrin	EPA 8081B	<7.41	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:18
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB02 (3-4')_20260204

Lab ID: HN2601663-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<7.12	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
Endosulfan II	EPA 8081B	<7.01	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
Endosulfan sulfate	EPA 8081B	<6.51	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
Endrin	EPA 8081B	<8.57	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
Endrin aldehyde	EPA 8081B	<6.71	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
Endrin ketone	EPA 8081B	<6.44	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
gamma-BHC (Lindane)	EPA 8081B	<6.95	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
Heptachlor	EPA 8081B	<6.83	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
Heptachlor epoxide	EPA 8081B	<7.01	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
Methoxychlor	EPA 8081B	<7.08	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
Toxaphene	EPA 8081B	<11.4	U	µg/kg	63.5	1	02/09/26 11:48	02/06/26 09:21
trans-Chlordane	EPA 8081B	<7.03	U	µg/kg	10.6	1	02/09/26 11:48	02/06/26 09:21
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8081B</i>	90.8		%REC	53-151	1	02/09/26 11:48	02/06/26 09:21
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8081B</i>	101		%REC	67-127	1	02/09/26 11:48	02/06/26 09:21

Polychlorinated Biphenyls (PCBs) by GC/ECD

Aroclor 1016	EPA 8082A	<24.2	U	µg/kg	70.6	1	02/06/26 19:29	02/06/26 09:06
Aroclor 1221	EPA 8082A	<24.2	U	µg/kg	70.6	1	02/06/26 19:29	02/06/26 09:06
Aroclor 1232	EPA 8082A	<24.2	U	µg/kg	70.6	1	02/06/26 19:29	02/06/26 09:06
Aroclor 1242	EPA 8082A	<24.2	U	µg/kg	70.6	1	02/06/26 19:29	02/06/26 09:06
Aroclor 1248	EPA 8082A	<24.2	U	µg/kg	70.6	1	02/06/26 19:29	02/06/26 09:06
Aroclor 1254	EPA 8082A	<19.7	U	µg/kg	70.6	1	02/06/26 19:29	02/06/26 09:06
Aroclor 1260	EPA 8082A	<19.7	U	µg/kg	70.6	1	02/06/26 19:29	02/06/26 09:06
Aroclor 1262	EPA 8082A	<19.7	U	µg/kg	70.6	1	02/06/26 19:29	02/06/26 09:06
Aroclor 1268	EPA 8082A	<19.7	U	µg/kg	70.6	1	02/06/26 19:29	02/06/26 09:06
Total PCB	EPA 8082A	<19.7	U	µg/kg	70.6	1	02/06/26 19:29	02/06/26 09:06
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8082A</i>	95.9		%REC	54-146	1	02/06/26 19:29	02/06/26 09:06
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8082A</i>	85.2		%REC	58-140	1	02/06/26 19:29	02/06/26 09:06

Semivolatile Organic Compounds by GC-MS

1,1'-Biphenyl (BZ-0)	EPA 8270E	<9.70	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<13.8	U	µg/kg	597	1	02/11/26 13:53	02/10/26 13:24

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:18
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB02 (3-4')_20260204

Lab ID: HN2601663-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<42.9	U	µg/kg	299	1	02/11/26 13:53	02/10/26 13:24
1-Methylnaphthalene	EPA 8270E	<8.61	U	µg/kg	12.0	1	02/11/26 13:53	02/10/26 13:24
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<14.0	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
2,3,4,6-Tetrachlorophenol	EPA 8270E	<43.8	U	µg/kg	120	1	02/11/26 13:53	02/10/26 13:24
2,4,5-Trichlorophenol	EPA 8270E	<35.4	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
2,4,6-Trichlorophenol	EPA 8270E	<15.9	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
2,4-Dichlorophenol	EPA 8270E	<32.2	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
2,4-Dimethylphenol	EPA 8270E	<30.7	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
2,4-Dinitrophenol	EPA 8270E	<437	U	µg/kg	597	1	02/11/26 13:53	02/10/26 13:24
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<38.8	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<15.3	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
2-Chloronaphthalene	EPA 8270E	<8.36	U	µg/kg	12.0	1	02/11/26 13:53	02/10/26 13:24
2-Chlorophenol	EPA 8270E	<39.1	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<49.9	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
2-Methylnaphthalene	EPA 8270E	<6.08	U	µg/kg	12.0	1	02/11/26 13:53	02/10/26 13:24
2-Methylphenol (o-Cresol)	EPA 8270E	<16.2	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
2-Nitroaniline	EPA 8270E	<33.2	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
2-Nitrophenol	EPA 8270E	<17.0	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
3&4-Methylphenol	EPA 8270E	<32.6	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
3,3'-Dichlorobenzidine	EPA 8270E	<27.9	U	µg/kg	299	1	02/11/26 13:53	02/10/26 13:24
3-Nitroaniline	EPA 8270E	<34.7	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<32.7	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
4-Chloro-3-methylphenol	EPA 8270E	<17.0	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
4-Chloroaniline	EPA 8270E	<30.4	U	µg/kg	120	1	02/11/26 13:53	02/10/26 13:24
4-Chlorophenyl phenylether	EPA 8270E	<16.5	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
4-Nitroaniline	EPA 8270E	<92.7	U	µg/kg	299	1	02/11/26 13:53	02/10/26 13:24
4-Nitrophenol	EPA 8270E	<140	U	µg/kg	597	1	02/11/26 13:53	02/10/26 13:24
Acenaphthene	EPA 8270E	<8.64	U	µg/kg	12.0	1	02/11/26 13:53	02/10/26 13:24

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:18
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB02 (3-4')_20260204

Lab ID: HN2601663-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<10.4	U	µg/kg	12.0	1	02/11/26 13:53	02/10/26 13:24
Acetophenone	EPA 8270E	<9.36	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
Anthracene	EPA 8270E	<8.43	U	µg/kg	12.0	1	02/11/26 13:53	02/10/26 13:24
Atrazine	EPA 8270E	<35.0	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
Benzaldehyde	EPA 8270E	<91.8	U	µg/kg	120	1	02/11/26 13:53	02/10/26 13:24
Benzo(a)anthracene	EPA 8270E	<10.3	U	µg/kg	12.0	1	02/11/26 13:53	02/10/26 13:24
Benzo(a)pyrene	EPA 8270E	<7.33	U	µg/kg	12.0	1	02/11/26 13:53	02/10/26 13:24
Benzo(b)fluoranthene	EPA 8270E	<8.91	U	µg/kg	12.0	1	02/11/26 13:53	02/10/26 13:24
Benzo(g,h,i)perylene	EPA 8270E	<9.16	U	µg/kg	12.0	1	02/11/26 13:53	02/10/26 13:24
Benzo(k)fluoranthene	EPA 8270E	<9.05	U	µg/kg	12.0	1	02/11/26 13:53	02/10/26 13:24
bis(2-Chloroethoxy) methane	EPA 8270E	<37.9	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
bis(2-Chloroethyl) ether	EPA 8270E	<16.9	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
Butyl benzyl phthalate	EPA 8270E	<74.8	U	µg/kg	120	1	02/11/26 13:53	02/10/26 13:24
Caprolactam	EPA 8270E	<53.9	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
Carbazole	EPA 8270E	<17.6	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
Chrysene	EPA 8270E	<9.66	U	µg/kg	12.0	1	02/11/26 13:53	02/10/26 13:24
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	<49.4	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
Dibenz(a,h) anthracene	EPA 8270E	<6.45	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
Dibenzofuran	EPA 8270E	<8.79	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
Diethyl phthalate	EPA 8270E	<20.3	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
Dimethyl phthalate	EPA 8270E	<11.7	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
Fluoranthene	EPA 8270E	<5.74	U	µg/kg	12.0	1	02/11/26 13:53	02/10/26 13:24
Fluorene	EPA 8270E	<8.68	U	µg/kg	12.0	1	02/11/26 13:53	02/10/26 13:24
Hexachlorobenzene	EPA 8270E	<17.4	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
Hexachlorobutadiene	EPA 8270E	<14.1	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
Hexachlorocyclopentadiene	EPA 8270E	<56.7	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
Hexachloroethane	EPA 8270E	<24.7	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
Indeno(1,2,3-cd) pyrene	EPA 8270E	<8.32	U	µg/kg	12.0	1	02/11/26 13:53	02/10/26 13:24
Isophorone	EPA 8270E	<11.7	U	µg/kg	299	1	02/11/26 13:53	02/10/26 13:24
Methylphenol, Total	EPA 8270E	<16.2	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:18
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB02 (3-4')_20260204

Lab ID: HN2601663-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<7.64	U	µg/kg	12.0	1	02/11/26 13:53	02/10/26 13:24
Nitrobenzene	EPA 8270E	<20.1	U	µg/kg	299	1	02/11/26 13:53	02/10/26 13:24
n-Nitrosodi-n-propylamine	EPA 8270E	<9.86	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
N-Nitrosodiphenylamine	EPA 8270E	<34.6	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
Pentachlorophenol	EPA 8270E	<47.5	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
Phenanthrene	EPA 8270E	<5.56	U	µg/kg	12.0	1	02/11/26 13:53	02/10/26 13:24
Phenol	EPA 8270E	<30.0	U	µg/kg	59.2	1	02/11/26 13:53	02/10/26 13:24
Pyrene	EPA 8270E	<5.96	U	µg/kg	12.0	1	02/11/26 13:53	02/10/26 13:24
Pyridine	EPA 8270E	<118	U	µg/kg	299	1	02/11/26 13:53	02/10/26 13:24
<i>Surr: 2,4,6-Tribromophenol</i>	<i>EPA 8270E</i>	80.0		%REC	48-94	1	02/11/26 13:53	02/10/26 13:24
<i>Surr: 2-Fluorobiphenyl</i>	<i>EPA 8270E</i>	84.4		%REC	50-103	1	02/11/26 13:53	02/10/26 13:24
<i>Surr: 2-Fluorophenol</i>	<i>EPA 8270E</i>	83.2		%REC	43-105	1	02/11/26 13:53	02/10/26 13:24
<i>Surr: 4-Terphenyl-d14</i>	<i>EPA 8270E</i>	96.2		%REC	55-111	1	02/11/26 13:53	02/10/26 13:24
<i>Surr: Nitrobenzene-d5</i>	<i>EPA 8270E</i>	92.1		%REC	47-100	1	02/11/26 13:53	02/10/26 13:24
<i>Surr: Phenol-d6</i>	<i>EPA 8270E</i>	91.1		%REC	49-110	1	02/11/26 13:53	02/10/26 13:24

Volatile Organic Compounds by GC-MS

1,1,1-Trichloroethane	EPA 8260D	<27.2	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
1,1,2,2-Tetrachloroethane	EPA 8260D	<26.4	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<37.9	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
1,1,2-Trichloroethane	EPA 8260D	<25.5	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
1,1-Dichloroethane	EPA 8260D	<21.8	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
1,1-Dichloroethylene	EPA 8260D	<19.4	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
1,2,3-Trichlorobenzene	EPA 8260D	<71.9	U	µg/kg	200	1	02/05/26 18:14	02/05/26 09:49
1,2,3-Trichloropropane	EPA 8260D	<25.1	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
1,2,4-Trichlorobenzene	EPA 8260D	<67.9	U	µg/kg	200	1	02/05/26 18:14	02/05/26 09:49
1,2,4-Trimethylbenzene	EPA 8260D	<43.9	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<55.1	U	µg/kg	200	1	02/05/26 18:14	02/05/26 09:49
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<35.2	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<22.7	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:18
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB02 (3-4')_20260204

Lab ID: HN2601663-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<35.2	U	µg/kg	200	1	02/05/26 18:14	02/05/26 09:49
1,2-Dichloropropane	EPA 8260D	<44.1	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
1,3,5-Trimethylbenzene	EPA 8260D	<42.3	U	µg/kg	200	1	02/05/26 18:14	02/05/26 09:49
1,3-Dichlorobenzene (m- Dichlorobenzene)	EPA 8260D	<41.4	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
1,3-Dichloropropene	EPA 8260D	<33.4	U	µg/kg	120	1	02/05/26 18:14	02/05/26 09:49
1,4-Dichlorobenzene (p- Dichlorobenzene)	EPA 8260D	<48.7	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<143	U	µg/kg	399	1	02/05/26 18:14	02/05/26 09:49
2-Hexanone	EPA 8260D	<29.7	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<55.8	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Acetone	EPA 8260D	<178	U	µg/kg	200	1	02/05/26 18:14	02/05/26 09:49
Benzene	EPA 8260D	<29.0	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Bromochloromethane	EPA 8260D	<30.5	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Bromodichloromethane	EPA 8260D	<33.5	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Bromoform	EPA 8260D	<25.2	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Carbon disulfide	EPA 8260D	<31.0	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Carbon tetrachloride	EPA 8260D	<23.4	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Chlorobenzene	EPA 8260D	<19.9	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Chlorodibromomethane	EPA 8260D	<33.6	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Chloroethane (Ethyl chloride)	EPA 8260D	<168	U	µg/kg	200	1	02/05/26 18:14	02/05/26 09:49
Chloroform	EPA 8260D	<21.9	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
cis-1,2-Dichloroethylene	EPA 8260D	<38.5	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
cis-1,3-Dichloropropene	EPA 8260D	<45.1	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Cyclohexane	EPA 8260D	<45.9	U	µg/kg	200	1	02/05/26 18:14	02/05/26 09:49
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<72.5	U	µg/kg	200	1	02/05/26 18:14	02/05/26 09:49
Ethylbenzene	EPA 8260D	<42.5	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Isopropylbenzene	EPA 8260D	<37.8	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
m+p-Xylene	EPA 8260D	<79.9	U	µg/kg	120	1	02/05/26 18:14	02/05/26 09:49
Methyl acetate	EPA 8260D	<71.7	U	µg/kg	499	1	02/05/26 18:14	02/05/26 09:49
Methyl bromide (Bromomethane)	EPA 8260D	<115	U	µg/kg	200	1	02/05/26 18:14	02/05/26 09:49

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:18
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB02 (3-4')_20260204

Lab ID: HN2601663-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<164	U	µg/kg	200	1	02/05/26 18:14	02/05/26 09:49
Methyl tert-butyl ether (MTBE)	EPA 8260D	<43.7	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Methylcyclohexane	EPA 8260D	<22.8	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Methylene chloride (Dichloromethane)	EPA 8260D	<159	U	µg/kg	499	1	02/05/26 18:14	02/05/26 09:49
o-Xylene	EPA 8260D	<23.2	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Styrene	EPA 8260D	<23.7	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<36.1	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Toluene	EPA 8260D	<49.4	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Total Xylene	EPA 8260D	<23.2	U	µg/kg	180	1	02/05/26 18:14	02/05/26 09:49
trans-1,2-Dichloroethylene	EPA 8260D	<49.4	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
trans-1,3-Dichloropropylene	EPA 8260D	<33.4	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Trichloroethene (Trichloroethylene)	EPA 8260D	<26.9	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<30.6	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
Vinyl chloride (Chloroethene)	EPA 8260D	<39.8	U	µg/kg	59.9	1	02/05/26 18:14	02/05/26 09:49
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>EPA 8260D</i>	96.6		%REC	<i>80-120</i>	<i>1</i>	<i>02/05/26 18:14</i>	<i>02/05/26 09:49</i>
<i>Surr: 4-Bromofluorobenzene</i>	<i>EPA 8260D</i>	102		%REC	<i>80-120</i>	<i>1</i>	<i>02/05/26 18:14</i>	<i>02/05/26 09:49</i>
<i>Surr: Dibromofluoromethane</i>	<i>EPA 8260D</i>	82.8		%REC	<i>72-120</i>	<i>1</i>	<i>02/05/26 18:14</i>	<i>02/05/26 09:49</i>
<i>Surr: Toluene-d8</i>	<i>EPA 8260D</i>	100		%REC	<i>80-120</i>	<i>1</i>	<i>02/05/26 18:14</i>	<i>02/05/26 09:49</i>

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:21
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB03 (5-6')_20260204

Lab ID: HN2601663-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<3.04	U	µg/kg	16.5	1	02/11/26 00:34	02/06/26 19:03
2,4,5-TP (Silvex)	EPA 8151A	<5.41	U	µg/kg	16.5	1	02/11/26 00:34	02/06/26 19:03
2,4-D	EPA 8151A	<8.82	U	µg/kg	33.0	1	02/11/26 00:34	02/06/26 19:03
Surr: DCAA	EPA 8151A	76.0		%REC	10-116	1	02/11/26 00:34	02/06/26 19:03
General Chemistry Parameters								
Percent Moisture	EPA 3550C	24.8		%	0.1	1	02/05/26 17:29	NA
Chloride	EPA 9056A	<4.16	U	mg/kg	13.4	1	02/07/26 02:49	02/05/26 13:01
Metals								
Arsenic	EPA 6020B	8.72		mg/kg	3.91	10	02/10/26 19:01	02/10/26 09:39
Barium	EPA 6020B	117		mg/kg	3.91	10	02/10/26 19:01	02/10/26 09:39
Cadmium	EPA 6020B	<0.235	U	mg/kg	1.57	10	02/10/26 19:01	02/10/26 09:39
Chromium	EPA 6020B	20.6		mg/kg	3.91	10	02/10/26 19:01	02/10/26 09:39
Copper	EPA 6020B	27.4		mg/kg	3.91	10	02/10/26 19:01	02/10/26 09:39
Lead	EPA 6020B	229	*	mg/kg	3.91	10	02/10/26 19:01	02/10/26 09:39
Selenium	EPA 6020B	<3.60	U	mg/kg	3.91	10	02/10/26 19:01	02/10/26 09:39
Silver	EPA 6020B	<0.517	U	mg/kg	3.91	10	02/10/26 19:01	02/10/26 09:39
Zinc	EPA 6020B	917		mg/kg	7.83	10	02/10/26 19:01	02/10/26 09:39
Mercury	EPA 7471B	0.0893		mg/kg	0.0247	1	02/11/26 11:56	02/10/26 13:04
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<19.5	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
4,4'-DDE	EPA 8081B	52.5		µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
4,4'-DDT	EPA 8081B	<20.3	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
Aldrin	EPA 8081B	<19.8	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
alpha-BHC	EPA 8081B	<20.1	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
beta-BHC	EPA 8081B	<20.0	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
Chlordane, Technical	EPA 8081B	<30.2	U	µg/kg	76.2	1	02/10/26 15:47	02/06/26 09:21
cis-Chlordane	EPA 8081B	<20.4	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
delta-BHC	EPA 8081B	<20.0	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
Dieldrin	EPA 8081B	<21.3	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:21
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB03 (5-6')_20260204

Lab ID: HN2601663-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<20.5	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
Endosulfan II	EPA 8081B	<20.2	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
Endosulfan sulfate	EPA 8081B	<18.7	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
Endrin	EPA 8081B	<24.7	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
Endrin aldehyde	EPA 8081B	<19.3	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
Endrin ketone	EPA 8081B	<18.5	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
gamma-BHC (Lindane)	EPA 8081B	<20.0	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
Heptachlor	EPA 8081B	<19.7	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
Heptachlor epoxide	EPA 8081B	<20.2	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
Methoxychlor	EPA 8081B	<20.4	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
Toxaphene	EPA 8081B	<32.9	U	µg/kg	183	1	02/09/26 12:02	02/06/26 09:21
trans-Chlordane	EPA 8081B	<20.2	U	µg/kg	30.5	1	02/09/26 12:02	02/06/26 09:21
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8081B</i>	92.4		%REC	53-151	1	02/09/26 12:02	02/06/26 09:21
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8081B</i>	98.2		%REC	67-127	1	02/09/26 12:02	02/06/26 09:21

Polychlorinated Biphenyls (PCBs) by GC/ECD

Aroclor 1016	EPA 8082A	<69.7	U	µg/kg	203	1	02/06/26 19:41	02/06/26 09:06
Aroclor 1221	EPA 8082A	<69.7	U	µg/kg	203	1	02/06/26 19:41	02/06/26 09:06
Aroclor 1232	EPA 8082A	<69.7	U	µg/kg	203	1	02/06/26 19:41	02/06/26 09:06
Aroclor 1242	EPA 8082A	<69.7	U	µg/kg	203	1	02/06/26 19:41	02/06/26 09:06
Aroclor 1248	EPA 8082A	<69.7	U	µg/kg	203	1	02/06/26 19:41	02/06/26 09:06
Aroclor 1254	EPA 8082A	<56.8	U	µg/kg	203	1	02/06/26 19:41	02/06/26 09:06
Aroclor 1260	EPA 8082A	<56.8	U	µg/kg	203	1	02/06/26 19:41	02/06/26 09:06
Aroclor 1262	EPA 8082A	<56.8	U	µg/kg	203	1	02/06/26 19:41	02/06/26 09:06
Aroclor 1268	EPA 8082A	<56.8	U	µg/kg	203	1	02/06/26 19:41	02/06/26 09:06
Total PCB	EPA 8082A	<56.8	U	µg/kg	203	1	02/06/26 19:41	02/06/26 09:06
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8082A</i>	95.5		%REC	54-146	1	02/06/26 19:41	02/06/26 09:06
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8082A</i>	80.6		%REC	58-140	1	02/06/26 19:41	02/06/26 09:06

Semivolatile Organic Compounds by GC-MS

1,1'-Biphenyl (BZ-0)	EPA 8270E	<16.7	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<23.8	U	µg/kg	1030	1	02/11/26 14:20	02/10/26 13:24

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:21
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB03 (5-6')_20260204

Lab ID: HN2601663-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<73.9	U	µg/kg	515	1	02/11/26 14:20	02/10/26 13:24
1-Methylnaphthalene	EPA 8270E	<14.8	U	µg/kg	20.6	1	02/11/26 14:20	02/10/26 13:24
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<24.1	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
2,3,4,6-Tetrachlorophenol	EPA 8270E	<75.4	U	µg/kg	206	1	02/11/26 14:20	02/10/26 13:24
2,4,5-Trichlorophenol	EPA 8270E	<61.0	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
2,4,6-Trichlorophenol	EPA 8270E	<27.4	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
2,4-Dichlorophenol	EPA 8270E	<55.4	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
2,4-Dimethylphenol	EPA 8270E	<53.0	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
2,4-Dinitrophenol	EPA 8270E	<753	U	µg/kg	1030	1	02/11/26 14:20	02/10/26 13:24
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<66.9	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<26.3	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
2-Chloronaphthalene	EPA 8270E	<14.4	U	µg/kg	20.6	1	02/11/26 14:20	02/10/26 13:24
2-Chlorophenol	EPA 8270E	<67.4	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<86.0	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
2-Methylnaphthalene	EPA 8270E	20.6		µg/kg	20.6	1	02/11/26 14:20	02/10/26 13:24
2-Methylphenol (o-Cresol)	EPA 8270E	<27.8	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
2-Nitroaniline	EPA 8270E	<57.2	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
2-Nitrophenol	EPA 8270E	<29.4	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
3&4-Methylphenol	EPA 8270E	624		µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
3,3'-Dichlorobenzidine	EPA 8270E	<48.1	U	µg/kg	515	1	02/11/26 14:20	02/10/26 13:24
3-Nitroaniline	EPA 8270E	<59.8	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<56.4	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
4-Chloro-3-methylphenol	EPA 8270E	<29.4	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
4-Chloroaniline	EPA 8270E	<52.4	U	µg/kg	206	1	02/11/26 14:20	02/10/26 13:24
4-Chlorophenyl phenylether	EPA 8270E	<28.5	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
4-Nitroaniline	EPA 8270E	<160	U	µg/kg	515	1	02/11/26 14:20	02/10/26 13:24
4-Nitrophenol	EPA 8270E	<241	U	µg/kg	1030	1	02/11/26 14:20	02/10/26 13:24
Acenaphthene	EPA 8270E	<14.9	U	µg/kg	20.6	1	02/11/26 14:20	02/10/26 13:24

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:21
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB03 (5-6')_20260204

Lab ID: HN2601663-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<17.9	U	µg/kg	20.6	1	02/11/26 14:20	02/10/26 13:24
Acetophenone	EPA 8270E	<16.1	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
Anthracene	EPA 8270E	<14.5	U	µg/kg	20.6	1	02/11/26 14:20	02/10/26 13:24
Atrazine	EPA 8270E	<60.4	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
Benzaldehyde	EPA 8270E	<158	U	µg/kg	206	1	02/11/26 14:20	02/10/26 13:24
Benzo(a)anthracene	EPA 8270E	115		µg/kg	20.6	1	02/11/26 14:20	02/10/26 13:24
Benzo(a)pyrene	EPA 8270E	111		µg/kg	20.6	1	02/11/26 14:20	02/10/26 13:24
Benzo(b)fluoranthene	EPA 8270E	144		µg/kg	20.6	1	02/11/26 14:20	02/10/26 13:24
Benzo(g,h,i)perylene	EPA 8270E	105		µg/kg	20.6	1	02/11/26 14:20	02/10/26 13:24
Benzo(k)fluoranthene	EPA 8270E	55.6		µg/kg	20.6	1	02/11/26 14:20	02/10/26 13:24
bis(2-Chloroethoxy) methane	EPA 8270E	<65.2	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
bis(2-Chloroethyl) ether	EPA 8270E	<29.2	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
Butyl benzyl phthalate	EPA 8270E	<129	U	µg/kg	206	1	02/11/26 14:20	02/10/26 13:24
Caprolactam	EPA 8270E	<93.0	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
Carbazole	EPA 8270E	<30.4	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
Chrysene	EPA 8270E	113		µg/kg	20.6	1	02/11/26 14:20	02/10/26 13:24
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	249		µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
Dibenz(a,h) anthracene	EPA 8270E	<11.1	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
Dibenzofuran	EPA 8270E	<15.1	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
Diethyl phthalate	EPA 8270E	<35.0	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
Dimethyl phthalate	EPA 8270E	<20.1	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
Fluoranthene	EPA 8270E	200		µg/kg	20.6	1	02/11/26 14:20	02/10/26 13:24
Fluorene	EPA 8270E	<15.0	U	µg/kg	20.6	1	02/11/26 14:20	02/10/26 13:24
Hexachlorobenzene	EPA 8270E	<30.0	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
Hexachlorobutadiene	EPA 8270E	<24.3	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
Hexachlorocyclopentadiene	EPA 8270E	<97.7	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
Hexachloroethane	EPA 8270E	<42.6	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
Indeno(1,2,3-cd) pyrene	EPA 8270E	98.9		µg/kg	20.6	1	02/11/26 14:20	02/10/26 13:24
Isophorone	EPA 8270E	<20.1	U	µg/kg	515	1	02/11/26 14:20	02/10/26 13:24
Methylphenol, Total	EPA 8270E	624		µg/kg	102	1	02/11/26 14:20	02/10/26 13:24

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:21
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB03 (5-6')_20260204

Lab ID: HN2601663-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<13.2	U	µg/kg	20.6	1	02/11/26 14:20	02/10/26 13:24
Nitrobenzene	EPA 8270E	<34.6	U	µg/kg	515	1	02/11/26 14:20	02/10/26 13:24
n-Nitrosodi-n-propylamine	EPA 8270E	<17.0	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
N-Nitrosodiphenylamine	EPA 8270E	<59.6	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
Pentachlorophenol	EPA 8270E	<81.8	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
Phenanthrene	EPA 8270E	105		µg/kg	20.6	1	02/11/26 14:20	02/10/26 13:24
Phenol	EPA 8270E	<51.7	U	µg/kg	102	1	02/11/26 14:20	02/10/26 13:24
Pyrene	EPA 8270E	233		µg/kg	20.6	1	02/11/26 14:20	02/10/26 13:24
Pyridine	EPA 8270E	<203	U	µg/kg	515	1	02/11/26 14:20	02/10/26 13:24
<i>Surr: 2,4,6-Tribromophenol</i>	<i>EPA 8270E</i>	76.7		%REC	48-94	1	02/11/26 14:20	02/10/26 13:24
<i>Surr: 2-Fluorobiphenyl</i>	<i>EPA 8270E</i>	77.6		%REC	50-103	1	02/11/26 14:20	02/10/26 13:24
<i>Surr: 2-Fluorophenol</i>	<i>EPA 8270E</i>	82.1		%REC	43-105	1	02/11/26 14:20	02/10/26 13:24
<i>Surr: 4-Terphenyl-d14</i>	<i>EPA 8270E</i>	83.6		%REC	55-111	1	02/11/26 14:20	02/10/26 13:24
<i>Surr: Nitrobenzene-d5</i>	<i>EPA 8270E</i>	83.3		%REC	47-100	1	02/11/26 14:20	02/10/26 13:24
<i>Surr: Phenol-d6</i>	<i>EPA 8270E</i>	86.8		%REC	49-110	1	02/11/26 14:20	02/10/26 13:24

Volatile Organic Compounds by GC-MS

1,1,1-Trichloroethane	EPA 8260D	<35.8	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
1,1,2,2-Tetrachloroethane	EPA 8260D	<34.8	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<49.9	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
1,1,2-Trichloroethane	EPA 8260D	<33.5	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
1,1-Dichloroethane	EPA 8260D	<28.8	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
1,1-Dichloroethylene	EPA 8260D	<25.5	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
1,2,3-Trichlorobenzene	EPA 8260D	<94.6	U	µg/kg	263	1	02/05/26 18:30	02/05/26 09:49
1,2,3-Trichloropropane	EPA 8260D	<33.0	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
1,2,4-Trichlorobenzene	EPA 8260D	<89.4	U	µg/kg	263	1	02/05/26 18:30	02/05/26 09:49
1,2,4-Trimethylbenzene	EPA 8260D	<57.8	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<72.6	U	µg/kg	263	1	02/05/26 18:30	02/05/26 09:49
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<46.4	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<29.9	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:21
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB03 (5-6')_20260204

Lab ID: HN2601663-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<46.4	U	µg/kg	263	1	02/05/26 18:30	02/05/26 09:49
1,2-Dichloropropane	EPA 8260D	<58.1	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
1,3,5-Trimethylbenzene	EPA 8260D	<55.7	U	µg/kg	263	1	02/05/26 18:30	02/05/26 09:49
1,3-Dichlorobenzene (m- Dichlorobenzene)	EPA 8260D	<54.5	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
1,3-Dichloropropene	EPA 8260D	<44.0	U	µg/kg	158	1	02/05/26 18:30	02/05/26 09:49
1,4-Dichlorobenzene (p- Dichlorobenzene)	EPA 8260D	<64.1	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<188	U	µg/kg	526	1	02/05/26 18:30	02/05/26 09:49
2-Hexanone	EPA 8260D	<39.1	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<73.5	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Acetone	EPA 8260D	<234	U	µg/kg	263	1	02/05/26 18:30	02/05/26 09:49
Benzene	EPA 8260D	<38.2	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Bromochloromethane	EPA 8260D	<40.1	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Bromodichloromethane	EPA 8260D	<44.2	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Bromoform	EPA 8260D	<33.2	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Carbon disulfide	EPA 8260D	<40.8	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Carbon tetrachloride	EPA 8260D	<30.9	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Chlorobenzene	EPA 8260D	<26.2	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Chlorodibromomethane	EPA 8260D	<44.3	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Chloroethane (Ethyl chloride)	EPA 8260D	<221	U	µg/kg	263	1	02/05/26 18:30	02/05/26 09:49
Chloroform	EPA 8260D	<28.9	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
cis-1,2-Dichloroethylene	EPA 8260D	<50.7	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
cis-1,3-Dichloropropene	EPA 8260D	<59.4	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Cyclohexane	EPA 8260D	<60.4	U	µg/kg	263	1	02/05/26 18:30	02/05/26 09:49
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<95.4	U	µg/kg	263	1	02/05/26 18:30	02/05/26 09:49
Ethylbenzene	EPA 8260D	<55.9	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Isopropylbenzene	EPA 8260D	<49.8	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
m+p-Xylene	EPA 8260D	<105	U	µg/kg	158	1	02/05/26 18:30	02/05/26 09:49
Methyl acetate	EPA 8260D	<94.4	U	µg/kg	657	1	02/05/26 18:30	02/05/26 09:49
Methyl bromide (Bromomethane)	EPA 8260D	<151	U	µg/kg	263	1	02/05/26 18:30	02/05/26 09:49

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID

Work Order: HN2601663
Date Collected: 02/04/26 12:21
Date Received: 02/05/26 06:00

CLIENT ID: 9161 SB03 (5-6')_20260204

Lab ID: HN2601663-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<215	U	µg/kg	263	1	02/05/26 18:30	02/05/26 09:49
Methyl tert-butyl ether (MTBE)	EPA 8260D	<57.5	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Methylcyclohexane	EPA 8260D	<30.1	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Methylene chloride (Dichloromethane)	EPA 8260D	<209	U	µg/kg	657	1	02/05/26 18:30	02/05/26 09:49
o-Xylene	EPA 8260D	<30.5	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Styrene	EPA 8260D	<31.2	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<47.5	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Toluene	EPA 8260D	<65.0	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Total Xylene	EPA 8260D	<30.5	U	µg/kg	237	1	02/05/26 18:30	02/05/26 09:49
trans-1,2-Dichloroethylene	EPA 8260D	<65.0	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
trans-1,3-Dichloropropylene	EPA 8260D	<44.0	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Trichloroethene (Trichloroethylene)	EPA 8260D	<35.3	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<40.3	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
Vinyl chloride (Chloroethene)	EPA 8260D	<52.4	U	µg/kg	78.8	1	02/05/26 18:30	02/05/26 09:49
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>EPA 8260D</i>	96.8		%REC	80-120	1	02/05/26 18:30	02/05/26 09:49
<i>Surr: 4-Bromofluorobenzene</i>	<i>EPA 8260D</i>	102		%REC	80-120	1	02/05/26 18:30	02/05/26 09:49
<i>Surr: Dibromofluoromethane</i>	<i>EPA 8260D</i>	81.2		%REC	72-120	1	02/05/26 18:30	02/05/26 09:49
<i>Surr: Toluene-d8</i>	<i>EPA 8260D</i>	97.2		%REC	80-120	1	02/05/26 18:30	02/05/26 09:49



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2444185

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3869265

Chlorinated Herbicides by GC/ECD

MB	CLIENT ID: Method Blank	Lab ID: QC-2444185-001
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Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 02/09/26 23:58
Prep Date: 02/06/26 19:04

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	37.0	µg/kg		50		74.0	10-116			

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2444185-002
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Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 02/10/26 00:11
Prep Date: 02/06/26 19:04

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	35.0	µg/kg	5.00	50		70.0	10-119			
2,4,5-TP (Silvex)	36.0	µg/kg	5.00	50		72.0	10-101			
2,4-D	37.0	µg/kg	10.0	50		74.0	10-128			
Surr: DCAA	41.0	µg/kg		50		82.0	10-116			

MS	CLIENT ID: Batch QC	Lab ID: QC-2444185-005
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Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 02/10/26 00:24
Prep Date: 02/06/26 19:04

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	70.0	µg/kg	13.5	125	<2.30	56.0	10-119			
2,4,5-TP (Silvex)	70.0	µg/kg	13.5	125	<4.10	56.0	10-101			
2,4-D	82.5	µg/kg	27.0	125	<6.68	66.0	10-128			
Surr: DCAA	85.0	µg/kg		125		68.0	10-116			

MSD	CLIENT ID: Batch QC	Lab ID: QC-2444185-006
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Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 02/10/26 00:37
Prep Date: 02/06/26 19:04

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	67.5	µg/kg	13.5	125	<2.30	54.0	10-119	3.64	30	
2,4,5-TP (Silvex)	67.5	µg/kg	13.5	125	<4.10	54.0	10-101	3.64	30	
2,4-D	85.0	µg/kg	27.0	125	<6.68	68.0	10-128	2.99	30	
Surr: DCAA	82.5	µg/kg		125		66.0	10-116	2.99	30	

The following samples were analyzed in this batch: HN2601663-001, HN2601663-002, HN2601663-003

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2442301

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3866220

General Chemistry Parameters

MB	CLIENT ID: Method Blank	Lab ID: QC-2442301-001
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Method: EPA 9056A **Dilution:** 1 **Analysis Date:** 02/06/26 23:59
Prep Date: 02/05/26 13:01

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-2442301-002
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Method: EPA 9056A **Dilution:** 1 **Analysis Date:** 02/07/26 00:07
Prep Date: 02/05/26 13:01

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	94.8	mg/kg	10.0	100		94.8	87-110			

MS	CLIENT ID: Batch QC	Lab ID: QC-2442301-004
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Method: EPA 9056A **Dilution:** 1 **Analysis Date:** 02/07/26 00:23
Prep Date: 02/05/26 13:01

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	151	mg/kg	11.0	98.654	67.9	91.2	87-110			

MSD	CLIENT ID: Batch QC	Lab ID: QC-2442301-005
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Method: EPA 9056A **Dilution:** 1 **Analysis Date:** 02/07/26 00:31
Prep Date: 02/05/26 13:01

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	169	mg/kg	11.1	99.014	67.9	109	87-110	11.5	15	

The following samples were analyzed in this batch: HN2601663-001, HN2601663-002, HN2601663-003

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2443180

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3863426

General Chemistry Parameters

MB	CLIENT ID: Method Blank	Lab ID: QC-2443180-001
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Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 02/05/26 17:29
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-2443180-002
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Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 02/05/26 17:29
Prep Date: NA

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

DUP	CLIENT ID: Batch QC	Lab ID: QC-2443180-004
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Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 02/05/26 17:29
Prep Date: NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	8.3	%	0.1		8.1			2.43	10	

DUP	CLIENT ID: 9161 SB01 (1-2')_20260204	Lab ID: QC-2443180-015
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Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 02/05/26 17:29
Prep Date: NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	8.5	%	0.1		8.7			2.32	10	

The following samples were analyzed in this batch: HN2601663-001, HN2601663-002, HN2601663-003

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2446652

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3870906

Metals

MB	CLIENT ID: Method Blank	Lab ID: QC-2446652-001
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Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/10/26 11:21
Prep Date: 02/09/26 10:58

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-2446652-002
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Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/10/26 11:23
Prep Date: 02/09/26 10:58

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.187	mg/kg	0.0200	0.1665		112	80-120			

MS	CLIENT ID: Batch QC	Lab ID: QC-2446652-004
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Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/10/26 11:27
Prep Date: 02/09/26 10:58

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.202	mg/kg	0.0203	0.13933	0.0296	127	75-125			S

MSD	CLIENT ID: Batch QC	Lab ID: QC-2446652-005
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Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/10/26 11:28
Prep Date: 02/09/26 10:58

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.209	mg/kg	0.0214	0.14691	0.0296	126	75-125	3.55	35	S

The following samples were analyzed in this batch: HN2601663-001



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2448048

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3871847

Metals

MB	CLIENT ID: Method Blank	Lab ID: QC-2448048-001
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Method: EPA 6020B**Dilution:** 1**Analysis Date:** 02/10/26 18:29**Prep Date:** 02/10/26 09:40

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-2448048-002
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Method: EPA 6020B**Dilution:** 1**Analysis Date:** 02/10/26 18:31**Prep Date:** 02/10/26 09:40

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	4.89	mg/kg	0.250	5		97.8	80-120			
Barium	4.74	mg/kg	0.250	5		94.8	80-120			
Cadmium	5.04	mg/kg	0.100	5		101	80-120			
Chromium	4.65	mg/kg	0.250	5		93.1	80-120			
Copper	4.60	mg/kg	0.250	5		91.9	80-120			
Lead	5.07	mg/kg	0.250	5		101	80-120			
Selenium	4.84	mg/kg	0.250	5		96.8	80-120			
Silver	5.23	mg/kg	0.250	5		105	80-120			
Zinc	4.85	mg/kg	0.500	5		97.0	80-120			

MS	CLIENT ID: Batch QC	Lab ID: QC-2448048-004
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Method: EPA 6020B**Dilution:** 1**Analysis Date:** 02/10/26 18:34**Prep Date:** 02/10/26 09:40

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	5.73	mg/kg	0.336	5.2576	1.09	92.9	75-125			
Cadmium	5.09	mg/kg	0.134	5.2576	0.0261	96.5	75-125			
Chromium	6.76	mg/kg	0.336	5.2576	1.47	107	75-125			
Copper	5.50	mg/kg	0.336	5.2576	1.02	89.4	75-125			
Lead	7.93	mg/kg	0.336	5.2576	3.06	105	75-125			
Selenium	5.03	mg/kg	0.336	5.2576	<0.242	94.9	75-125			
Silver	5.30	mg/kg	0.336	5.2576	<0.0347	101	75-125			
Zinc	11.1	mg/kg	0.672	5.2576	6.20	119	75-125			

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2448048

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3871847

MSD	CLIENT ID: Batch QC	Lab ID: QC-2448048-005
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Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 02/10/26 18:36

Prep Date: 02/10/26 09:40

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	5.69	mg/kg	0.336	5.2521	1.09	92.1	75-125	0.787	20	
Cadmium	5.09	mg/kg	0.134	5.2521	0.0261	96.5	75-125	0.120	20	
Chromium	6.05	mg/kg	0.336	5.2521	1.47	93.3	75-125	11.1	20	
Copper	5.15	mg/kg	0.336	5.2521	1.02	82.9	75-125	6.51	20	
Lead	7.69	mg/kg	0.336	5.2521	3.06	101	75-125	3.13	20	
Selenium	4.88	mg/kg	0.336	5.2521	<0.242	92.2	75-125	2.97	20	
Silver	5.20	mg/kg	0.336	5.2521	<0.0347	98.9	75-125	1.87	20	
Zinc	9.91	mg/kg	0.671	5.2521	6.20	96.4	75-125	11.4	20	

The following samples were analyzed in this batch: HN2601663-001, HN2601663-002, HN2601663-003

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2448048

Work Order: HN2601663
Date Collected: 01/29/26 13:05
Date Received: 01/30/26 13:30
Run ID: 3873502

Metals

MS	CLIENT ID: Batch QC	Lab ID: QC-2448048-004
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Method: EPA 6020B **Dilution:** 10 **Analysis Date:** 02/11/26 13:04
Prep Date: 02/10/26 09:40

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Barium	11.9	mg/kg	3.36	5.2576	12.1	47.3	75-125			S

MSD	CLIENT ID: Batch QC	Lab ID: QC-2448048-005
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Method: EPA 6020B **Dilution:** 10 **Analysis Date:** 02/11/26 13:05
Prep Date: 02/10/26 09:40

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Barium	11.7	mg/kg	3.36	5.2521	12.1	43.7	75-125	1.63	20	S

PDS	CLIENT ID: Batch QC	Lab ID: QC-2448048-007
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Method: EPA 6020B **Dilution:** 10 **Analysis Date:** 02/11/26 13:11
Prep Date: 02/10/26 09:40

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Barium	73.6	mg/kg	3.38	52.966	12.1	121	75-125			

The following samples were analyzed in this batch: HN2601663-001, HN2601663-002, HN2601663-003

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2448132

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3873366

Metals

MB	CLIENT ID: Method Blank	Lab ID: QC-2448132-001
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Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/11/26 11:32
Prep Date: 02/10/26 13:05

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-2448132-002
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Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/11/26 11:33
Prep Date: 02/10/26 13:05

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.189	mg/kg	0.0200	0.1665		114	80-120			

MS	CLIENT ID: Batch QC	Lab ID: QC-2448132-004
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Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/11/26 11:37
Prep Date: 02/10/26 13:05

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.184	mg/kg	0.0219	0.15159	0.0211	110	75-125			

MSD	CLIENT ID: Batch QC	Lab ID: QC-2448132-005
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Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 02/11/26 11:39
Prep Date: 02/10/26 13:05

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.175	mg/kg	0.0214	0.14821	0.0211	106	75-125	4.76	35	

The following samples were analyzed in this batch: HN2601663-002, HN2601663-003



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2443895

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3868916

Organochlorine Pesticides by GC/ECD

MB	CLIENT ID: Method Blank	Lab ID: QC-2443895-001
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Method: EPA 8081B**Dilution:** 1**Analysis Date:** 02/06/26 17:50**Prep Date:** 02/06/26 09:22

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	27.2	µg/kg		33.33		81.6	53-151			
Surr: Tetrachloro-m-xylene	31.1	µg/kg		33.33		93.4	67-127			

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2443895-002
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Method: EPA 8081B**Dilution:** 1**Analysis Date:** 02/06/26 18:03**Prep Date:** 02/06/26 09:22

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDD	30.6	µg/kg	10.0	33.33		91.8	55-141			
4,4'-DDE	30.9	µg/kg	10.0	33.33		92.8	55-143			
4,4'-DDT	30.3	µg/kg	10.0	33.33		90.9	50-144			
Aldrin	30.6	µg/kg	10.0	33.33		91.8	57-141			
alpha-BHC	28.3	µg/kg	10.0	33.33		84.9	58-144			
beta-BHC	28.6	µg/kg	10.0	33.33		86.0	55-147			
cis-Chlordane	30.2	µg/kg	10.0	33.33		90.5	58-142			
delta-BHC	24.2	µg/kg	10.0	33.33		72.7	59-142			
Dieldrin	30.4	µg/kg	10.0	33.33		91.3	59-142			
Endosulfan I	29.7	µg/kg	10.0	33.33		89.2	57-145			
Endosulfan II	30.2	µg/kg	10.0	33.33		90.5	58-138			
Endosulfan sulfate	29.2	µg/kg	10.0	33.33		87.6	54-136			
Endrin	28.9	µg/kg	10.0	33.33		86.8	45-150			

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2443895

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3868916

LCS		CLIENT ID: Laboratory Control Sample				Lab ID: QC-2443895-002			
Method: EPA 8081B		Dilution: 1		Analysis Date: 02/06/26 18:03		Prep Date: 02/06/26 09:22			
Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit Qual
Endrin aldehyde	31.0	µg/kg	10.0	33.33		93.1	41-147		
Endrin ketone	29.8	µg/kg	10.0	33.33		89.5	54-146		
gamma-BHC (Lindane)	28.2	µg/kg	10.0	33.33		84.7	58-145		
Heptachlor	29.6	µg/kg	10.0	33.33		88.7	51-145		
Heptachlor epoxide	30.4	µg/kg	10.0	33.33		91.2	59-143		
Methoxychlor	29.2	µg/kg	10.0	33.33		87.8	43-144		
trans-Chlordane	29.8	µg/kg	10.0	33.33		89.3	56-145		
Surr: Decachlorobiphenyl	26.3	µg/kg		33.33		78.9	51-151		
Surr: Tetrachloro-m-xylene	30.2	µg/kg		33.33		90.5	67-127		

The following samples were analyzed in this batch: HN2601663-001, HN2601663-002, HN2601663-003



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2443913

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3869381

Polychlorinated Biphenyls (PCBs) by GC/ECD

MB	CLIENT ID: Method Blank	Lab ID: QC-2443913-001
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Method: EPA 8082A **Dilution:** 1 **Analysis Date:** 02/06/26 16:44
Prep Date: 02/06/26 09:07

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	35.9	µg/kg		33.3		108	54-146			
Surr: Tetrachloro-m-xylene	30.0	µg/kg		33.3		90.0	58-140			

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2443913-002
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Method: EPA 8082A **Dilution:** 1 **Analysis Date:** 02/06/26 16:56
Prep Date: 02/06/26 09:07

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	776	µg/kg	66.7	833		93.2	71-135			
Aroclor 1260	709	µg/kg	66.7	833		85.1	67-135			
Surr: Decachlorobiphenyl	34.9	µg/kg		33.3		105	54-146			
Surr: Tetrachloro-m-xylene	28.9	µg/kg		33.3		86.7	58-140			

MS	CLIENT ID: Batch QC	Lab ID: QC-2443913-005
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Method: EPA 8082A **Dilution:** 1 **Analysis Date:** 02/06/26 18:18
Prep Date: 02/06/26 09:07

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	754	µg/kg	73.1	823.18	<22.6	91.6	71-135			
Aroclor 1260	692	µg/kg	73.1	823.18	<18.4	84.0	67-135			
Surr: Decachlorobiphenyl	33.4	µg/kg		32.907		101	54-146			
Surr: Tetrachloro-m-xylene	27.5	µg/kg		32.907		83.5	58-140			

MSD	CLIENT ID: Batch QC	Lab ID: QC-2443913-006
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Method: EPA 8082A **Dilution:** 1 **Analysis Date:** 02/06/26 18:30
Prep Date: 02/06/26 09:07

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	769	µg/kg	73.4	826.12	<22.9	93.1	71-135	1.89	20	
Aroclor 1260	704	µg/kg	73.4	826.12	<18.6	85.2	67-135	1.71	20	
Surr: Decachlorobiphenyl	33.9	µg/kg		33.025		103	54-146	1.44	30	
Surr: Tetrachloro-m-xylene	28.0	µg/kg		33.025		84.7	58-140	1.78	30	

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2443913

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3869381

The following samples were analyzed in this batch: HN2601663-001, HN2601663-002, HN2601663-003



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2446517

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3874938

Semivolatile Organic Compounds by GC-MS

MB	CLIENT ID: Method Blank	Lab ID: QC-2446517-001
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Method: EPA 8270E**Dilution:** 1**Analysis Date:** 02/11/26 10:16**Prep Date:** 02/10/26 13:25

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: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2446517

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3874938

MB	CLIENT ID: Method Blank	Lab ID: QC-2446517-001
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Method: EPA 8270E

Dilution: 1

Analysis Date: 02/11/26 10:16

Prep Date: 02/10/26 13:25

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	2420	µg/kg		3333		72.7	48-94			
Surr: 2-Fluorobiphenyl	2650	µg/kg		3333		79.4	50-103			
Surr: 2-Fluorophenol	2650	µg/kg		3333		79.5	43-105			
Surr: 4-Terphenyl-d14	2770	µg/kg		3333		83.1	55-111			
Surr: Nitrobenzene-d5	2910	µg/kg		3333		87.3	47-100			
Surr: Phenol-d6	2830	µg/kg		3333		84.8	49-110			

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2446517-002
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Method: EPA 8270E

Dilution: 1

Analysis Date: 02/11/26 10:44

Prep Date: 02/10/26 13:25

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	1190	µg/kg	33.0	1333		88.9	57-101			
1,2,4,5-Tetrachlorobenzene	1170	µg/kg	33.0	1333		87.7	54-98			
1-Methylnaphthalene	1170	µg/kg	6.67	1333		87.8	56-100			
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1120	µg/kg	33.0	1333		84.1	50-101			
2,3,4,6-Tetrachlorophenol	999	µg/kg	67.0	1333		74.9	48-103			



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2446517

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3874938

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2446517-002
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Method: EPA 8270E

Dilution: 1

Analysis Date: 02/11/26 10:44

Prep Date: 02/10/26 13:25

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	1060	µg/kg	33.0	1333		79.2	54-98			
2,4,6-Trichlorophenol	1130	µg/kg	33.0	1333		85.0	56-97			
2,4-Dichlorophenol	1110	µg/kg	33.0	1333		83.2	54-99			
2,4-Dimethylphenol	994	µg/kg	33.0	1333		74.6	47-102			
2,4-Dinitrophenol	716	µg/kg	333	1333		53.7	10-100			
2,4-Dinitrotoluene (2,4-DNT)	1110	µg/kg	33.0	1333		82.9	62-105			
2,6-Dinitrotoluene (2,6-DNT)	1130	µg/kg	33.0	1333		84.9	62-103			
2-Chloronaphthalene	1080	µg/kg	6.67	1333		81.2	57-101			
2-Chlorophenol	1080	µg/kg	33.0	1333		81.3	52-102			
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	946	µg/kg	33.0	1333		71.0	42-104			
2-Methylnaphthalene	1170	µg/kg	6.67	1333		87.8	55-102			
2-Methylphenol (o-Cresol)	1070	µg/kg	33.0	1333		80.0	54-103			
2-Nitroaniline	1150	µg/kg	33.0	1333		86.6	57-103			
2-Nitrophenol	1170	µg/kg	33.0	1333		87.5	52-102			
3&4-Methylphenol	1050	µg/kg	33.0	1333		79.1	56-103			
3,3'-Dichlorobenzidine	676	µg/kg	167	1333		50.7	41-91			
3-Nitroaniline	735	µg/kg	33.0	1333		55.2	35-107			
4-Bromophenyl phenyl ether (BDE-3)	1190	µg/kg	33.0	1333		88.9	63-104			
4-Chloro-3-methylphenol	1150	µg/kg	33.0	1333		86.0	57-103			
4-Chloroaniline	1130	µg/kg	67.0	1333		84.6	32-99			
4-Chlorophenyl phenylether	1190	µg/kg	33.0	1333		88.9	62-100			
4-Nitroaniline	487	µg/kg	167	1333		36.5	19-124			
4-Nitrophenol	922	µg/kg	333	1333		69.2	44-106			
Acenaphthene	1170	µg/kg	6.67	1333		87.8	60-101			
Acenaphthylene	1190	µg/kg	6.67	1333		89.3	59-101			
Acetophenone	1090	µg/kg	33.0	1333		81.9	54-102			
Anthracene	1170	µg/kg	6.67	1333		87.4	63-96			
Atrazine	1110	µg/kg	33.0	1333		83.4	60-110			
Benzaldehyde	243	µg/kg	67.0	1333		18.3	10-143			
Benzo(a)anthracene	1170	µg/kg	6.67	1333		87.6	66-102			
Benzo(a)pyrene	1190	µg/kg	6.67	1333		89.4	66-105			
Benzo(b)fluoranthene	1060	µg/kg	6.67	1333		79.3	67-105			
Benzo(g,h,i)perylene	1410	µg/kg	6.67	1333		106	59-110			
Benzo(k)fluoranthene	1200	µg/kg	6.67	1333		90.3	68-106			
bis(2-Chloroethoxy)methane	1120	µg/kg	33.0	1333		84.1	54-102			
bis(2-Chloroethyl) ether	1120	µg/kg	33.0	1333		83.8	51-101			
Butyl benzyl phthalate	1150	µg/kg	67.0	1333		86.2	59-107			
Caprolactam	937	µg/kg	33.0	1333		70.3	49-103			
Carbazole	1100	µg/kg	33.0	1333		82.4	63-103			
Chrysene	1180	µg/kg	6.67	1333		88.4	66-105			
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	1150	µg/kg	33.0	1333		85.9	63-101			
Dibenz(a,h) anthracene	1360	µg/kg	33.0	1333		102	61-109			
Dibenzofuran	1160	µg/kg	33.0	1333		86.7	61-101			
Diethyl phthalate	1130	µg/kg	33.0	1333		84.8	63-105			



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2446517

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3874938

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2446517-002
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Method: EPA 8270E**Dilution:** 1**Analysis Date:** 02/11/26 10:44**Prep Date:** 02/10/26 13:25

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Dimethyl phthalate	1150	µg/kg	33.0	1333		86.0	64-104			
Fluoranthene	1040	µg/kg	6.67	1333		77.9	66-105			
Fluorene	1180	µg/kg	6.67	1333		88.5	62-101			
Hexachlorobenzene	1170	µg/kg	33.0	1333		88.0	61-104			
Hexachlorobutadiene	1200	µg/kg	33.0	1333		90.2	52-99			
Hexachlorocyclopentadiene	1140	µg/kg	33.0	1333		85.5	39-106			
Hexachloroethane	1090	µg/kg	33.0	1333		82.0	59-99			
Indeno(1,2,3-cd) pyrene	1400	µg/kg	6.67	1333		105	57-114			
Isophorone	1180	µg/kg	167	1333		88.3	55-101			
Methylphenol, Total	2120	µg/kg	67.0	2667		79.5	54-103			
Naphthalene	1210	µg/kg	6.67	1333		90.8	54-99			
Nitrobenzene	1200	µg/kg	167	1333		89.7	53-100			
n-Nitrosodi-n-propylamine	1080	µg/kg	33.0	1333		80.8	52-104			
N-Nitrosodiphenylamine	1190	µg/kg	33.0	1333		89.2	61-104			
Pentachlorophenol	901	µg/kg	33.0	1333		67.6	35-100			
Phenanthrene	1190	µg/kg	6.67	1333		89.4	64-101			
Phenol	1090	µg/kg	33.0	1333		81.8	51-107			
Pyrene	1270	µg/kg	6.67	1333		95.6	62-114			
Pyridine	880	µg/kg	167	1333		66.0	40-84			
Surr: 2,4,6-Tribromophenol	2710	µg/kg		3333		81.2	48-94			
Surr: 2-Fluorobiphenyl	2790	µg/kg		3333		83.7	50-103			
Surr: 2-Fluorophenol	2730	µg/kg		3333		81.9	43-105			
Surr: 4-Terphenyl-d14	2810	µg/kg		3333		84.3	55-111			
Surr: Nitrobenzene-d5	3040	µg/kg		3333		91.1	47-100			
Surr: Phenol-d6	2820	µg/kg		3333		84.7	49-110			

MS	CLIENT ID: Batch QC	Lab ID: QC-2446517-005
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Method: EPA 8270E**Dilution:** 1**Analysis Date:** 02/11/26 11:11**Prep Date:** 02/10/26 13:25

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	2590	µg/kg	84.5	3076.2	<12.5	84.2	57-101			
1,2,4,5-Tetrachlorobenzene	2540	µg/kg	853	3076.2	<17.7	82.5	54-98			
1-Methylnaphthalene	2580	µg/kg	17.1	3076.2	<11.1	83.8	56-100			
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	2460	µg/kg	84.5	3076.2	<18.0	79.9	50-101			
2,3,4,6-Tetrachlorophenol	2140	µg/kg	171	3076.2	<56.3	69.6	48-103			
2,4,5-Trichlorophenol	2220	µg/kg	84.5	3076.2	<45.6	72.1	54-98			
2,4,6-Trichlorophenol	2420	µg/kg	84.5	3076.2	<20.5	78.7	56-97			
2,4-Dichlorophenol	2440	µg/kg	84.5	3076.2	<41.4	79.4	54-99			
2,4-Dimethylphenol	2250	µg/kg	84.5	3076.2	<39.6	73.1	47-102			
2,4-Dinitrophenol	972	µg/kg	853	3076.2	<562	31.6	10-100			
2,4-Dinitrotoluene (2,4-DNT)	1900	µg/kg	84.5	3076.2	<50.0	61.6	62-105			S
2,6-Dinitrotoluene (2,6-DNT)	1990	µg/kg	84.5	3076.2	<19.6	64.8	62-103			
2-Chloronaphthalene	2300	µg/kg	17.1	3076.2	<10.8	74.8	57-101			

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2446517

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3874938

MS		CLIENT ID: Batch QC				Lab ID: QC-2446517-005				
Method: EPA 8270E		Dilution: 1				Analysis Date: 02/11/26 11:11				
						Prep Date: 02/10/26 13:25				
Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2-Chlorophenol	2340	µg/kg	84.5	3076.2	<50.3	75.9	52-102			
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	1510	µg/kg	84.5	3076.2	<64.2	49.2	42-104			
2-Methylnaphthalene	2560	µg/kg	17.1	3076.2	<7.82	83.2	55-102			
2-Methylphenol (o-Cresol)	2260	µg/kg	84.5	3076.2	<20.8	73.6	54-103			
2-Nitroaniline	2470	µg/kg	84.5	3076.2	<42.7	80.3	57-103			
2-Nitrophenol	1970	µg/kg	84.5	3076.2	<21.9	64.0	52-102			
3&4-Methylphenol	2720	µg/kg	84.5	3076.2	<41.9	88.4	56-103			
3,3'-Dichlorobenzidine	574	µg/kg	427	3076.2	<35.9	18.7	41-91			S
3-Nitroaniline	1400	µg/kg	84.5	3076.2	<44.7	45.5	35-107			
4-Bromophenyl phenyl ether (BDE-3)	2540	µg/kg	84.5	3076.2	<42.1	82.5	63-104			
4-Chloro-3-methylphenol	2350	µg/kg	84.5	3076.2	<21.9	76.5	57-103			
4-Chloroaniline	1730	µg/kg	171	3076.2	<39.1	56.2	32-99			
4-Chlorophenyl phenylether	2500	µg/kg	84.5	3076.2	<21.3	81.4	62-100			
4-Nitroaniline	1040	µg/kg	427	3076.2	<119	33.8	19-124			
4-Nitrophenol	1780	µg/kg	853	3076.2	<180	57.8	44-106			
Acenaphthene	2470	µg/kg	17.1	3076.2	<11.1	80.2	60-101			
Acenaphthylene	2510	µg/kg	17.1	3076.2	<13.3	81.5	59-101			
Acetophenone	2420	µg/kg	84.5	3076.2	<12.0	78.7	54-102			
Anthracene	2440	µg/kg	17.1	3076.2	<10.8	79.3	63-96			
Atrazine	2230	µg/kg	84.5	3076.2	<45.1	72.5	60-110			
Benzaldehyde	1540	µg/kg	171	3076.2	<118	50.0	10-143			
Benzo(a)anthracene	2520	µg/kg	17.1	3076.2	<13.3	82.0	66-102			
Benzo(a)pyrene	2470	µg/kg	17.1	3076.2	<9.44	80.3	66-105			
Benzo(b)fluoranthene	2370	µg/kg	17.1	3076.2	<11.5	77.1	67-105			
Benzo(g,h,i)perylene	2620	µg/kg	17.1	3076.2	<11.8	85.2	59-110			
Benzo(k)fluoranthene	2540	µg/kg	17.1	3076.2	<11.7	82.7	68-106			
bis(2-Chloroethoxy)methane	2460	µg/kg	84.5	3076.2	<48.7	79.9	54-102			
bis(2-Chloroethyl) ether	2460	µg/kg	84.5	3076.2	<21.8	80.0	51-101			
Butyl benzyl phthalate	2540	µg/kg	171	3076.2	<96.3	82.7	59-107			
Caprolactam	1950	µg/kg	84.5	3076.2	<69.4	63.3	49-103			
Carbazole	2260	µg/kg	84.5	3076.2	<22.7	73.5	63-103			
Chrysene	2590	µg/kg	17.1	3076.2	<13.1	84.3	66-105			
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	2700	µg/kg	84.5	3076.2	<63.6	87.7	63-101			
Dibenz(a,h) anthracene	2430	µg/kg	84.5	3076.2	<8.31	79.0	61-109			
Dibenzofuran	2480	µg/kg	84.5	3076.2	<11.3	80.5	61-101			
Diethyl phthalate	2390	µg/kg	84.5	3076.2	<26.2	77.8	63-105			
Dimethyl phthalate	2410	µg/kg	84.5	3076.2	<15.0	78.3	64-104			
Fluoranthene	2180	µg/kg	17.1	3076.2	<7.38	71.0	66-105			
Fluorene	2500	µg/kg	17.1	3076.2	<11.2	81.4	62-101			
Hexachlorobenzene	2450	µg/kg	84.5	3076.2	<22.4	79.6	61-104			
Hexachlorobutadiene	2580	µg/kg	84.5	3076.2	<18.1	83.8	52-99			
Hexachlorocyclopentadiene	1330	µg/kg	84.5	3076.2	<75.2	43.3	39-106			
Hexachloroethane	2190	µg/kg	84.5	3076.2	<31.8	71.2	59-99			
Indeno(1,2,3-cd) pyrene	2540	µg/kg	17.1	3076.2	<10.7	82.6	57-114			



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2446517

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3874938

MS		CLIENT ID: Batch QC				Lab ID: QC-2446517-005			
Method: EPA 8270E		Dilution: 1		Analysis Date: 02/11/26 11:11		Prep Date: 02/10/26 13:25			
Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit Qual
Isophorone	2510	µg/kg	427	3076.2	<15.0	81.6	55-101		
Methylphenol, Total	4980	µg/kg	84.5	6154.6	<20.8	81.0	54-103		
Naphthalene	2650	µg/kg	17.1	3076.2	<9.83	86.1	54-99		
Nitrobenzene	2320	µg/kg	427	3076.2	<25.8	75.5	53-100		
n-Nitrosodi-n-propylamine	2350	µg/kg	84.5	3076.2	<12.7	76.4	52-104		
N-Nitrosodiphenylamine	2590	µg/kg	84.5	3076.2	<44.5	84.3	61-104		
Pentachlorophenol	1670	µg/kg	84.5	3076.2	<61.1	54.2	35-100		
Phenanthrene	2630	µg/kg	17.1	3076.2	<7.15	85.5	64-101		
Phenol	2200	µg/kg	84.5	3076.2	<38.6	71.4	51-107		
Pyrene	2870	µg/kg	17.1	3076.2	<7.68	93.4	52-114		
Pyridine	2100	µg/kg	427	3076.2	<151	68.4	40-84		
Surr: 2,4,6-Tribromophenol	5670	µg/kg		7691.5		73.7	48-94		
Surr: 2-Fluorobiphenyl	5750	µg/kg		7691.5		74.7	50-103		
Surr: 2-Fluorophenol	5240	µg/kg		7691.5		68.1	43-105		
Surr: 4-Terphenyl-d14	5810	µg/kg		7691.5		75.6	55-111		
Surr: Nitrobenzene-d5	5690	µg/kg		7691.5		73.9	47-100		
Surr: Phenol-d6	5790	µg/kg		7691.5		75.3	49-110		

MSD		CLIENT ID: Batch QC				Lab ID: QC-2446517-006			
Method: EPA 8270E		Dilution: 1		Analysis Date: 02/11/26 11:38		Prep Date: 02/10/26 13:25			
Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit Qual
1,1'-Biphenyl (BZ-0)	2780	µg/kg	84.5	3076.2	<12.5	90.4	57-101	7.16	30
1,2,4,5-Tetrachlorobenzene	2720	µg/kg	853	3076.2	<17.7	88.4	54-98	6.97	30
1-Methylnaphthalene	2720	µg/kg	17.1	3076.2	<11.1	88.6	56-100	5.51	30
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	2560	µg/kg	84.5	3076.2	<18.0	83.3	50-101	4.23	30
2,3,4,6-Tetrachlorophenol	2360	µg/kg	171	3076.2	<56.3	76.6	48-103	9.51	30
2,4,5-Trichlorophenol	2430	µg/kg	84.5	3076.2	<45.6	79.0	54-98	9.07	30
2,4,6-Trichlorophenol	2590	µg/kg	84.5	3076.2	<20.5	84.2	56-97	6.75	30
2,4-Dichlorophenol	2570	µg/kg	84.5	3076.2	<41.4	83.4	54-99	4.91	30
2,4-Dimethylphenol	2320	µg/kg	84.5	3076.2	<39.6	75.5	47-102	3.16	30
2,4-Dinitrophenol	972	µg/kg	853	3076.2	<562	31.6	10-100	0.00	30
2,4-Dinitrotoluene (2,4-DNT)	1860	µg/kg	84.5	3076.2	<50.0	60.4	62-105	2.05	30
2,6-Dinitrotoluene (2,6-DNT)	1920	µg/kg	84.5	3076.2	<19.6	62.3	62-103	3.94	30
2-Chloronaphthalene	2410	µg/kg	17.1	3076.2	<10.8	78.3	57-101	4.64	30
2-Chlorophenol	2440	µg/kg	84.5	3076.2	<50.3	79.3	52-102	4.38	30
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	1550	µg/kg	84.5	3076.2	<64.2	50.4	42-104	2.31	30
2-Methylnaphthalene	2720	µg/kg	17.1	3076.2	<7.82	88.4	55-102	6.06	30
2-Methylphenol (o-Cresol)	2370	µg/kg	84.5	3076.2	<20.8	76.9	54-103	4.45	30
2-Nitroaniline	2250	µg/kg	84.5	3076.2	<42.7	73.2	57-103	9.19	30
2-Nitrophenol	1940	µg/kg	84.5	3076.2	<21.9	63.1	52-102	1.50	30
3&4-Methylphenol	2790	µg/kg	84.5	3076.2	<41.9	90.8	56-103	2.62	30
3,3'-Dichlorobenzidine	749	µg/kg	427	3076.2	<35.9	24.4	41-91	26.5	30

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2446517

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3874938

MSD	CLIENT ID: Batch QC	Lab ID: QC-2446517-006
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Method: EPA 8270E

Dilution: 1

Analysis Date: 02/11/26 11:38

Prep Date: 02/10/26 13:25

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
3-Nitroaniline	1230	µg/kg	84.5	3076.2	<44.7	39.9	35-107	13.0	30	
4-Bromophenyl phenyl ether (BDE-3)	2730	µg/kg	84.5	3076.2	<42.1	88.6	63-104	7.13	30	
4-Chloro-3-methylphenol	2540	µg/kg	84.5	3076.2	<21.9	82.6	57-103	7.67	30	
4-Chloroaniline	1890	µg/kg	171	3076.2	<39.1	61.6	32-99	9.09	30	
4-Chlorophenyl phenylether	2640	µg/kg	84.5	3076.2	<21.3	85.7	62-100	5.15	30	
4-Nitroaniline	729	µg/kg	427	3076.2	<119	23.7	19-124	35.1	30	R
4-Nitrophenol	1750	µg/kg	853	3076.2	<180	56.9	44-106	1.57	30	
Acenaphthene	2600	µg/kg	17.1	3076.2	<11.1	84.5	60-101	5.16	30	
Acenaphthylene	2620	µg/kg	17.1	3076.2	<13.3	85.3	59-101	4.56	30	
Acetophenone	2570	µg/kg	84.5	3076.2	<12.0	83.7	54-102	6.16	30	
Anthracene	2630	µg/kg	17.1	3076.2	<10.8	85.4	63-96	7.41	30	
Atrazine	2450	µg/kg	84.5	3076.2	<45.1	79.5	60-110	9.28	30	
Benzaldehyde	1660	µg/kg	171	3076.2	<118	54.0	10-143	7.79	30	
Benzo(a)anthracene	2660	µg/kg	17.1	3076.2	<13.3	86.4	66-102	5.23	30	
Benzo(a)pyrene	2670	µg/kg	17.1	3076.2	<9.44	86.8	66-105	7.78	30	
Benzo(b)fluoranthene	2430	µg/kg	17.1	3076.2	<11.5	78.9	67-105	2.24	30	
Benzo(g,h,i)perylene	2940	µg/kg	17.1	3076.2	<11.8	95.5	59-110	11.4	30	
Benzo(k)fluoranthene	2700	µg/kg	17.1	3076.2	<11.7	87.6	68-106	5.75	30	
bis(2-Chloroethoxy)methane	2560	µg/kg	84.5	3076.2	<48.7	83.3	54-102	4.23	30	
bis(2-Chloroethyl) ether	2580	µg/kg	84.5	3076.2	<21.8	83.8	51-101	4.70	30	
Butyl benzyl phthalate	2680	µg/kg	171	3076.2	<96.3	87.3	59-107	5.41	30	
Caprolactam	2110	µg/kg	84.5	3076.2	<69.4	68.6	49-103	7.96	30	
Carbazole	2300	µg/kg	84.5	3076.2	<22.7	74.9	63-103	1.89	30	
Chrysene	2680	µg/kg	17.1	3076.2	<13.1	87.3	66-105	3.44	30	
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	2690	µg/kg	84.5	3076.2	<63.6	87.6	63-101	0.171	30	
Dibenz(a,h) anthracene	2760	µg/kg	84.5	3076.2	<8.31	89.6	61-109	12.5	30	
Dibenzofuran	2620	µg/kg	84.5	3076.2	<11.3	85.0	61-101	5.50	30	
Diethyl phthalate	2560	µg/kg	84.5	3076.2	<26.2	83.3	63-105	6.89	30	
Dimethyl phthalate	2540	µg/kg	84.5	3076.2	<15.0	82.7	64-104	5.47	30	
Fluoranthene	2320	µg/kg	17.1	3076.2	<7.38	75.5	66-105	6.15	30	
Fluorene	2650	µg/kg	17.1	3076.2	<11.2	86.3	62-101	5.79	30	
Hexachlorobenzene	2600	µg/kg	84.5	3076.2	<22.4	84.5	61-104	5.91	30	
Hexachlorobutadiene	2770	µg/kg	84.5	3076.2	<18.1	90.0	52-99	7.08	30	
Hexachlorocyclopentadiene	1200	µg/kg	84.5	3076.2	<75.2	39.2	39-106	10.1	30	
Hexachloroethane	2310	µg/kg	84.5	3076.2	<31.8	75.0	59-99	5.13	30	
Indeno(1,2,3-cd) pyrene	2890	µg/kg	17.1	3076.2	<10.7	94.0	57-114	12.9	30	
Isophorone	2610	µg/kg	427	3076.2	<15.0	84.8	55-101	3.85	30	
Methylphenol, Total	5160	µg/kg	84.5	6154.6	<20.8	83.8	54-103	3.46	30	
Naphthalene	2780	µg/kg	17.1	3076.2	<9.83	90.2	54-99	4.65	30	
Nitrobenzene	2230	µg/kg	427	3076.2	<25.8	72.6	53-100	3.85	30	
n-Nitrosodi-n-propylamine	2480	µg/kg	84.5	3076.2	<12.7	80.8	52-104	5.60	30	
N-Nitrosodiphenylamine	2710	µg/kg	84.5	3076.2	<44.5	88.2	61-104	4.58	30	
Pentachlorophenol	1660	µg/kg	84.5	3076.2	<61.1	54.0	35-100	0.370	30	
Phenanthrene	2740	µg/kg	17.1	3076.2	<7.15	89.0	64-101	3.96	30	
Phenol	2340	µg/kg	84.5	3076.2	<38.6	76.2	51-107	6.51	30	

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2446517

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3874938

MSD	CLIENT ID: Batch QC	Lab ID: QC-2446517-006
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Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 02/11/26 11:38

Prep Date: 02/10/26 13:25

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Pyrene	3120	µg/kg	17.1	3076.2	<7.68	101	52-114	8.17	30	
Pyridine	2270	µg/kg	427	3076.2	<151	73.8	40-84	7.53	30	
Surr: 2,4,6-Tribromophenol	6130	µg/kg		7691.5		79.7	48-94	7.80	30	
Surr: 2-Fluorobiphenyl	6080	µg/kg		7691.5		79.0	50-103	5.65	30	
Surr: 2-Fluorophenol	5780	µg/kg		7691.5		75.1	43-105	9.75	30	
Surr: 4-Terphenyl-d14	6330	µg/kg		7691.5		82.3	55-111	8.54	30	
Surr: Nitrobenzene-d5	5480	µg/kg		7691.5		71.3	47-100	3.66	30	
Surr: Phenol-d6	6170	µg/kg		7691.5		80.2	49-110	6.33	30	

The following samples were analyzed in this batch: HN2601663-001, HN2601663-002, HN2601663-003



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2442378

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3864472

Volatile Organic Compounds by GC-MS

MB	CLIENT ID: Method Blank	Lab ID: QC-2442378-001
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Method: EPA 8260D

Dilution: 1

Analysis Date: 02/05/26 14:07

Prep Date: 02/05/26 09:50

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

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2442378

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3864472

MB	CLIENT ID: Method Blank	Lab ID: QC-2442378-001
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Method: EPA 8260D

Dilution: 1

Analysis Date: 02/05/26 14:07

Prep Date: 02/05/26 09:50

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	1060	µg/kg		1000		106	80-120			
Surr: 4-Bromofluorobenzene	1030	µg/kg		1000		103	80-120			
Surr: Dibromofluoromethane	998	µg/kg		1000		99.8	72-120			
Surr: Toluene-d8	996	µg/kg		1000		99.6	80-120			

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2442378-002
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Method: EPA 8260D

Dilution: 1

Analysis Date: 02/05/26 13:09

Prep Date: 02/05/26 09:50

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	986	µg/kg	30.0	1000		98.6	75-121			
1,1,2,2-Tetrachloroethane	1040	µg/kg	30.0	1000		104	79-125			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1190	µg/kg	30.0	1000		119	62-129			
1,1,2-Trichloroethane	987	µg/kg	30.0	1000		98.7	80-123			
1,1-Dichloroethane	992	µg/kg	30.0	1000		99.2	74-124			
1,1-Dichloroethylene	1060	µg/kg	30.0	1000		106	68-131			
1,2,3-Trichlorobenzene	957	µg/kg	100	1000		95.7	60-135			
1,2,3-Trichloropropane	1000	µg/kg	30.0	1000		100	77-121			
1,2,4-Trichlorobenzene	964	µg/kg	100	1000		96.4	63-130			
1,2,4-Trimethylbenzene	968	µg/kg	30.0	1000		96.8	64-126			
1,2-Dibromo-3-chloropropane (DBCP)	970	µg/kg	100	1000		97.0	55-135			
1,2-Dibromoethane (EDB, Ethylene dibromide)	945	µg/kg	30.0	1000		94.5	63-155			
1,2-Dichlorobenzene (o-Dichlorobenzene)	1000	µg/kg	30.0	1000		100	77-122			



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2442378

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3864472

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2442378-002
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Method: EPA 8260D

Dilution: 1

Analysis Date: 02/05/26 13:09

Prep Date: 02/05/26 09:50

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,2-Dichloroethane (Ethylene dichloride)	960	µg/kg	100	1000		96.0	70-130			
1,2-Dichloropropane	886	µg/kg	30.0	1000		88.6	71-130			
1,3,5-Trimethylbenzene	986	µg/kg	100	1000		98.6	66-130			
1,3-Dichlorobenzene (m-Dichlorobenzene)	1000	µg/kg	30.0	1000		100	78-121			
1,3-Dichloropropene	1900	µg/kg	60.0	2000		95.0	62-124			
1,4-Dichlorobenzene (p-Dichlorobenzene)	1010	µg/kg	30.0	1000		101	78-122			
2-Butanone (Methyl ethyl ketone, MEK)	1200	µg/kg	200	1000		120	47-164			
2-Hexanone	1290	µg/kg	30.0	1000		129	70-137			
4-Methyl-2-pentanone (MIBK)	1780	µg/kg	30.0	1000		178	57-200			
Acetone	1240	µg/kg	100	1000		124	52-190			
Benzene	952	µg/kg	30.0	1000		95.2	78-122			
Bromochloromethane	978	µg/kg	30.0	1000		97.8	68-130			
Bromodichloromethane	930	µg/kg	30.0	1000		93.0	75-125			
Bromoform	943	µg/kg	30.0	1000		94.3	59-120			
Carbon disulfide	1220	µg/kg	30.0	1000		122	60-163			
Carbon tetrachloride	976	µg/kg	30.0	1000		97.6	69-123			
Chlorobenzene	989	µg/kg	30.0	1000		98.9	79-120			
Chlorodibromomethane	1010	µg/kg	30.0	1000		101	57-123			
Chloroethane (Ethyl chloride)	1220	µg/kg	100	1000		122	38-132			
Chloroform	958	µg/kg	30.0	1000		95.8	72-122			
cis-1,2-Dichloroethylene	990	µg/kg	30.0	1000		99.0	74-125			
cis-1,3-Dichloropropene	930	µg/kg	30.0	1000		93.0	62-124			
Dichlorodifluoromethane (Freon-12)	1220	µg/kg	100	1000		122	28-137			
Ethylbenzene	1020	µg/kg	30.0	1000		102	75-121			
Isopropylbenzene	1010	µg/kg	30.0	1000		101	74-121			
m+p-Xylene	2040	µg/kg	60.0	2000		102	67-129			
Methyl acetate	1090	µg/kg	250	1000		109	61-125			
Methyl bromide (Bromomethane)	948	µg/kg	100	1000		94.8	31-169			
Methyl chloride (Chloromethane)	846	µg/kg	100	1000		84.6	24-119			
Methyl tert-butyl ether (MTBE)	1110	µg/kg	30.0	1000		111	79-139			
Methylene chloride (Dichloromethane)	1030	µg/kg	250	1000		103	62-135			
o-Xylene	1030	µg/kg	30.0	1000		103	75-120			
Styrene	1000	µg/kg	30.0	1000		100	74-126			
Tetrachloroethylene (Perchloroethylene)	1300	µg/kg	30.0	1000		130	76-128			S
Toluene	1010	µg/kg	30.0	1000		101	76-120			
Total Xylene	3080	µg/kg	90.0	3000		102	67-129			
trans-1,2-Dichloroethylene	968	µg/kg	30.0	1000		96.8	72-127			
trans-1,3-Dichloropropylene	972	µg/kg	30.0	1000		97.2	66-120			
Trichloroethene (Trichloroethylene)	912	µg/kg	30.0	1000		91.2	75-122			
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	1150	µg/kg	30.0	1000		115	51-115			
Vinyl chloride (Chloroethene)	1150	µg/kg	30.0	1000		115	43-128			

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2442378

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3864472

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2442378-002
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Method: EPA 8260D

Dilution: 1

Analysis Date: 02/05/26 13:09

Prep Date: 02/05/26 09:50

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	998	µg/kg		1000		99.8	80-120			
Surr: Dibromofluoromethane	1040	µg/kg		1000		104	72-120			
Surr: Toluene-d8	1040	µg/kg		1000		104	80-120			

MS	CLIENT ID: Batch QC	Lab ID: QC-2442378-005
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Method: EPA 8260D

Dilution: 1

Analysis Date: 02/05/26 21:39

Prep Date: 02/05/26 09:50

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	1170	µg/kg	35.6	1024.6	<13.9	114	75-121			
1,1,2,2-Tetrachloroethane	781	µg/kg	35.6	1024.6	<13.6	76.2	79-125			S
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1460	µg/kg	35.6	1024.6	<19.5	142	62-129			S
1,1,2-Trichloroethane	1060	µg/kg	35.6	1024.6	<13.1	104	80-123			
1,1-Dichloroethane	1180	µg/kg	35.6	1024.6	<11.2	116	74-124			
1,1-Dichloroethylene	1340	µg/kg	35.6	1024.6	<9.96	131	68-131			
1,2,3-Trichlorobenzene	1020	µg/kg	119	1024.6	<36.9	99.8	60-135			
1,2,3-Trichloropropane	1050	µg/kg	35.6	1024.6	<12.9	103	77-121			
1,2,4-Trichlorobenzene	1030	µg/kg	119	1024.6	<34.8	100	63-130			
1,2,4-Trimethylbenzene	1090	µg/kg	35.6	1024.6	<22.5	106	64-126			
1,2-Dibromo-3-chloropropane (DBCP)	961	µg/kg	119	1024.6	<28.3	93.8	55-135			
1,2-Dibromoethane (EDB, Ethylene dibromide)	1000	µg/kg	35.6	1024.6	<18.1	98.0	63-155			
1,2-Dichlorobenzene (o-Dichlorobenzene)	1090	µg/kg	35.6	1024.6	<11.7	106	77-122			
1,2-Dichloroethane (Ethylene dichloride)	1090	µg/kg	119	1024.6	<27.0	106	70-130			
1,2-Dichloropropane	1010	µg/kg	35.6	1024.6	<22.7	98.5	71-130			
1,3,5-Trimethylbenzene	1110	µg/kg	119	1024.6	<21.7	108	66-130			
1,3-Dichlorobenzene (m-Dichlorobenzene)	1110	µg/kg	35.6	1024.6	<21.2	108	78-121			
1,3-Dichloropropene	2010	µg/kg	71.1	2049.2	<17.2	97.9	62-124			
1,4-Dichlorobenzene (p-Dichlorobenzene)	1090	µg/kg	35.6	1024.6	<25.0	107	78-122			
2-Butanone (Methyl ethyl ketone, MEK)	1660	µg/kg	237	1024.6	<73.2	162	47-164			
2-Hexanone	1730	µg/kg	35.6	1024.6	<15.2	169	70-137			S
4-Methyl-2-pentanone (MIBK)	1610	µg/kg	35.6	1024.6	<28.6	157	57-200			
Acetone	2510	µg/kg	119	1024.6	<91.2	245	52-190			S
Benzene	1140	µg/kg	35.6	1024.6	<14.9	111	78-122			
Bromochloromethane	1120	µg/kg	35.6	1024.6	<15.6	109	68-130			
Bromodichloromethane	1060	µg/kg	35.6	1024.6	<17.2	103	75-125			
Bromoform	951	µg/kg	35.6	1024.6	<12.9	92.8	59-120			
Carbon disulfide	1460	µg/kg	35.6	1024.6	<15.9	142	60-163			
Carbon tetrachloride	1180	µg/kg	35.6	1024.6	<12.0	115	69-123			
Chlorobenzene	1100	µg/kg	35.6	1024.6	<10.2	108	79-120			

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2442378

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3864472

MS	CLIENT ID: Batch QC	Lab ID: QC-2442378-005
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Method: EPA 8260D

Dilution: 1

Analysis Date: 02/05/26 21:39

Prep Date: 02/05/26 09:50

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chlorodibromomethane	1030	µg/kg	35.6	1024.6	<17.3	100	57-123			
Chloroethane (Ethyl chloride)	806	µg/kg	119	1024.6	<86.1	78.6	38-132			
Chloroform	1110	µg/kg	35.6	1024.6	<11.3	109	72-122			
cis-1,2-Dichloroethylene	1140	µg/kg	35.6	1024.6	<19.8	112	74-125			
cis-1,3-Dichloropropene	982	µg/kg	35.6	1024.6	<23.2	95.8	62-124			
Dichlorodifluoromethane (Freon-12)	1310	µg/kg	119	1024.6	<37.2	128	28-137			
Ethylbenzene	1160	µg/kg	35.6	1024.6	<21.8	113	75-121			
Isopropylbenzene	1150	µg/kg	35.6	1024.6	<19.4	112	74-121			
m+p-Xylene	2320	µg/kg	71.1	2049.2	<41.0	113	67-129			
Methyl acetate	1470	µg/kg	296	1024.6	<36.8	144	61-125			S
Methyl bromide (Bromomethane)	430	µg/kg	119	1024.6	<58.8	42.0	31-169			
Methyl chloride (Chloromethane)	913	µg/kg	119	1024.6	<84.0	89.2	24-119			
Methyl tert-butyl ether (MTBE)	1270	µg/kg	35.6	1024.6	<22.4	124	79-139			
Methylene chloride (Dichloromethane)	1090	µg/kg	296	1024.6	<81.6	106	62-135			
o-Xylene	1160	µg/kg	35.6	1024.6	<11.9	113	75-120			
Styrene	1120	µg/kg	35.6	1024.6	<12.2	110	74-126			
Tetrachloroethylene (Perchloroethylene)	2060	µg/kg	35.6	1024.6	<18.5	201	76-128			S
Toluene	1160	µg/kg	35.6	1024.6	<25.3	114	76-120			
Total Xylene	3480	µg/kg	107	3073.8	<11.9	113	67-129			
trans-1,2-Dichloroethylene	1200	µg/kg	35.6	1024.6	<25.4	117	72-127			
trans-1,3-Dichloropropylene	1020	µg/kg	35.6	1024.6	<17.2	100.0	66-120			
Trichloroethene (Trichloroethylene)	1310	µg/kg	35.6	1024.6	<13.8	127	75-122			S
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	1670	µg/kg	35.6	1024.6	<15.7	163	51-115			S
Vinyl chloride (Chloroethene)	1300	µg/kg	35.6	1024.6	<20.4	127	43-128			
Surr: 1,2-Dichloroethane-d4	1050	µg/kg		1024.6		102	80-120			
Surr: 4-Bromofluorobenzene	1050	µg/kg		1024.6		102	80-120			
Surr: Dibromofluoromethane	1050	µg/kg		1024.6		103	72-120			
Surr: Toluene-d8	1020	µg/kg		1024.6		99.5	80-120			

MSD	CLIENT ID: Batch QC	Lab ID: QC-2442378-006
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Method: EPA 8260D

Dilution: 1

Analysis Date: 02/05/26 21:58

Prep Date: 02/05/26 09:50

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	1170	µg/kg	35.6	1024.6	<13.9	114	75-121	0.482	30	
1,1,2,2-Tetrachloroethane	770	µg/kg	35.6	1024.6	<13.6	75.2	79-125	1.39	30	S
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1480	µg/kg	35.6	1024.6	<19.5	144	62-129	1.53	30	S
1,1,2-Trichloroethane	1040	µg/kg	35.6	1024.6	<13.1	102	80-123	1.90	30	
1,1-Dichloroethane	1200	µg/kg	35.6	1024.6	<11.2	117	74-124	1.20	30	
1,1-Dichloroethylene	1340	µg/kg	35.6	1024.6	<9.96	130	68-131	0.421	30	
1,2,3-Trichlorobenzene	948	µg/kg	119	1024.6	<36.9	92.5	60-135	7.54	30	
1,2,3-Trichloropropane	1050	µg/kg	35.6	1024.6	<12.9	102	77-121	0.390	30	
1,2,4-Trichlorobenzene	940	µg/kg	119	1024.6	<34.8	91.7	63-130	9.01	30	

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2442378

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3864472

MSD	CLIENT ID: Batch QC	Lab ID: QC-2442378-006
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Method: EPA 8260D

Dilution: 1

Analysis Date: 02/05/26 21:58

Prep Date: 02/05/26 09:50

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	1070	µg/kg	35.6	1024.6	<22.5	104	64-126	2.09	30	
1,2-Dibromo-3-chloropropane (DBCP)	865	µg/kg	119	1024.6	<28.3	84.4	55-135	10.5	30	
1,2-Dibromoethane (EDB, Ethylene dibromide)	997	µg/kg	35.6	1024.6	<18.1	97.3	63-155	0.717	30	
1,2-Dichlorobenzene (o-Dichlorobenzene)	1010	µg/kg	35.6	1024.6	<11.7	98.4	77-122	7.81	30	
1,2-Dichloroethane (Ethylene dichloride)	1070	µg/kg	119	1024.6	<27.0	104	70-130	2.04	30	
1,2-Dichloropropane	1010	µg/kg	35.6	1024.6	<22.7	99.0	71-130	0.456	30	
1,3,5-Trimethylbenzene	1090	µg/kg	119	1024.6	<21.7	106	66-130	2.29	30	
1,3-Dichlorobenzene (m-Dichlorobenzene)	1030	µg/kg	35.6	1024.6	<21.2	100	78-121	7.60	30	
1,3-Dichloropropene	1980	µg/kg	71.1	2049.2	<17.2	96.8	62-124	1.05	30	
1,4-Dichlorobenzene (p-Dichlorobenzene)	1030	µg/kg	35.6	1024.6	<25.0	101	78-122	5.88	30	
2-Butanone (Methyl ethyl ketone, MEK)	1690	µg/kg	237	1024.6	<73.2	165	47-164	2.17	30	S
2-Hexanone	1670	µg/kg	35.6	1024.6	<15.2	163	70-137	3.31	30	S
4-Methyl-2-pentanone (MIBK)	1580	µg/kg	35.6	1024.6	<28.6	155	57-200	1.80	30	
Acetone	2500	µg/kg	119	1024.6	<91.2	244	52-190	0.245	30	S
Benzene	1110	µg/kg	35.6	1024.6	<14.9	108	78-122	2.37	30	
Bromochloromethane	1110	µg/kg	35.6	1024.6	<15.6	108	68-130	0.783	30	
Bromodichloromethane	1010	µg/kg	35.6	1024.6	<17.2	98.7	75-125	4.46	30	
Bromoform	920	µg/kg	35.6	1024.6	<12.9	89.8	59-120	3.40	30	
Carbon disulfide	1460	µg/kg	35.6	1024.6	<15.9	143	60-163	0.105	30	
Carbon tetrachloride	1120	µg/kg	35.6	1024.6	<12.0	110	69-123	4.81	30	
Chlorobenzene	1080	µg/kg	35.6	1024.6	<10.2	106	79-120	1.88	30	
Chlorodibromomethane	1030	µg/kg	35.6	1024.6	<17.3	100	57-123	0.0997	30	
Chloroethane (Ethyl chloride)	780	µg/kg	119	1024.6	<86.1	76.2	38-132	3.23	30	
Chloroform	1130	µg/kg	35.6	1024.6	<11.3	110	72-122	1.24	30	
cis-1,2-Dichloroethylene	1150	µg/kg	35.6	1024.6	<19.8	113	74-125	0.892	30	
cis-1,3-Dichloropropene	962	µg/kg	35.6	1024.6	<23.2	93.9	62-124	2.00	30	
Dichlorodifluoromethane (Freon-12)	1250	µg/kg	119	1024.6	<37.2	122	28-137	5.08	30	
Ethylbenzene	1140	µg/kg	35.6	1024.6	<21.8	111	75-121	1.92	30	
Isopropylbenzene	1130	µg/kg	35.6	1024.6	<19.4	111	74-121	1.61	30	
m+p-Xylene	2280	µg/kg	71.1	2049.2	<41.0	111	67-129	1.67	30	
Methyl acetate	1470	µg/kg	296	1024.6	<36.8	144	61-125	0.139	30	S
Methyl bromide (Bromomethane)	466	µg/kg	119	1024.6	<58.8	45.4	31-169	8.01	30	
Methyl chloride (Chloromethane)	870	µg/kg	119	1024.6	<84.0	84.9	24-119	4.88	30	
Methyl tert-butyl ether (MTBE)	1260	µg/kg	35.6	1024.6	<22.4	123	79-139	0.405	30	
Methylene chloride (Dichloromethane)	981	µg/kg	296	1024.6	<81.6	95.8	62-135	10.1	30	
o-Xylene	1140	µg/kg	35.6	1024.6	<11.9	111	75-120	2.14	30	
Styrene	1080	µg/kg	35.6	1024.6	<12.2	106	74-126	3.71	30	
Tetrachloroethylene (Perchloroethylene)	2040	µg/kg	35.6	1024.6	<18.5	199	76-128	1.30	30	S
Toluene	1140	µg/kg	35.6	1024.6	<25.3	111	76-120	2.36	30	
Total Xylene	3420	µg/kg	107	3073.8	<11.9	111	67-129	1.83	30	

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2442378

Work Order: HN2601663
Date Collected: NA
Date Received: NA
Run ID: 3864472

MSD	CLIENT ID: Batch QC	Lab ID: QC-2442378-006
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Method: EPA 8260D

Dilution: 1

Analysis Date: 02/05/26 21:58

Prep Date: 02/05/26 09:50

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
trans-1,2-Dichloroethylene	1190	µg/kg	35.6	1024.6	<25.4	117	72-127	0.471	30	
trans-1,3-Dichloropropylene	1020	µg/kg	35.6	1024.6	<17.2	99.8	66-120	0.150	30	
Trichloroethene (Trichloroethylene)	1260	µg/kg	35.6	1024.6	<13.8	123	75-122	3.27	30	S
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	1750	µg/kg	35.6	1024.6	<15.7	171	51-115	4.55	30	S
Vinyl chloride (Chloroethene)	1300	µg/kg	35.6	1024.6	<20.4	127	43-128	0.157	30	
Surr: 1,2-Dichloroethane-d4	1030	µg/kg		1024.6		101	80-120	1.48	30	
Surr: 4-Bromofluorobenzene	1040	µg/kg		1024.6		102	80-120	0.734	30	
Surr: Dibromofluoromethane	999	µg/kg		1024.6		97.5	72-120	5.29	30	
Surr: Toluene-d8	1010	µg/kg		1024.6		98.6	80-120	0.858	30	

The following samples were analyzed in this batch: HN2601663-001, HN2601663-002, HN2601663-003



right solutions.
right partner.

April 08, 2026

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

Re: **9161 Norcross**

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

Work Order: **HN2605052**

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: 9161 Norcross

Work Order: HN2605052
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 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: 9161 SB03 (5-6')_20260204

Lab ID: HN2605052-001

Analyte	Results	Flag	MRL	Units	Method
Lead	0.261		0.0499	mg/L	EPA 6020B

SAMPLE SUMMARY



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Workorder: HN2605052

Laboratory Sample ID	Client Sample ID	Sample Matrix	Collection Date	Date Received
HN2605052-001	9161 SB03 (5-6')_20260204	SOIL	02/04/26 12:21	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
HN2605052



Telephone : +1 616 399 6070

[Handwritten signature]

3/31/26 0800

4.0°C 126



ALS Holland

3352 128th Ave., Holland MI 49424

ALS Holland Sample Receiving Checklist

Received by: Kerry

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: Soil

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: 9161 Norcross

Work Order: HN2605052

Sample Name: 9161 SB03 (5-6')_20260204
Laboratory Code: HN2605052-001
Sample Matrix: SOIL

Date Collected: 02/04/26
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	2528976	Chloe Patrick	4003656	Hunter Johnson

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL

Work Order: HN2605052
Date Collected: 02/04/26 12:21
Date Received: 03/31/26 08:00

CLIENT ID: 9161 SB03 (5-6')_20260204	Lab ID: HN2605052-001
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Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
TCLP Metals								
Lead	EPA 6020B	0.261		mg/L	0.0499	1	04/08/26 13:08	04/08/26 10:26

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 9161 Norcross
Matrix: SOIL/SOLID
QC Lot: 2528976

Work Order: HN2605052
Date Collected: NA
Date Received: NA
Run ID: 4003656

TCLP Metals

MB	CLIENT ID: Method Blank	Lab ID: QC-2528976-001
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Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 04/08/26 12:50
Prep Date: 04/08/26 10:27

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-2528976-002
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Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 04/08/26 12:52
Prep Date: 04/08/26 10:27

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Lead	0.965	mg/L	0.0499	1		96.5	80-120			

MS	CLIENT ID: Batch QC	Lab ID: QC-2528976-004
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Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 04/08/26 12:55
Prep Date: 04/08/26 10:27

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Lead	0.970	mg/L	0.0499	1	0.00238	96.7	75-125			

MSD	CLIENT ID: Batch QC	Lab ID: QC-2528976-005
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Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 04/08/26 12:57
Prep Date: 04/08/26 10:27

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Lead	0.944	mg/L	0.0499	1	0.00238	94.1	75-125	2.73	20	

The following samples were analyzed in this batch: HN2605052-001