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Fill Material Sampling Report

6078 Rohns Street
Detroit, Wayne County, Michigan 48213

February 19, 2026

Prepared for:

The City of Detroit Demolition Department

1301 Third Street, Suite 606
Detroit, MICHIGAN 48226

Mannik Smith GROUP

FILL MATERIAL SAMPLING REPORT

6078 ROHNS STREET
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 6078 Rohns 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 6078 SB01, 6078 SB02, and 6078 SB03 generally consisted of brown and gray gravelly sand and clay to six (6) feet below ground surface (bgs), the maximum depth explored for this investigation. Field photoionization detector (PID) readings of the recovered soil cores were below instrument detection limits. There were no visual (staining) and/or olfactory (e.g., petroleum-like odors) indications of contamination observed during soil sampling activities; however, concrete debris was observed in 6078 SB02 and 6078 SB03.
- Concentrations of arsenic and chromium (Total) were detected in soil samples 6078 SB01 (1-2')_20260122, 6078 SB02 (3-4')_20260122, and/or 6078 SB03 (5-6')_20260122 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 4,4'-DDE, barium, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, benzo(a)pyrene, chrysene, copper, fluoranthene, indeno(1,2,3-cd)pyrene, lead, mercury, phenanthrene, pyrene, and zinc were detected in soil samples 6078 SB01 (1-2')_20260122, 6078 SB02 (3-4')_20260122, and/or 6078 SB03 (5-6')_20260122 at concentrations above laboratory method detection limits; however, detected concentrations were below their respective Part 201 GRCC and/or Statewide Default Background Levels.
- VOCs, PCBs, 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.

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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 6078 Rohns 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 January 22, 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 January 22, 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.

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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 6078 SB01, 6078 SB02, and 6078 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 6078 SB01 (1-2')_20260122, 6078 SB02 (3-4') _20260122, and 6078 SB03 (5-6') _20260122, were collected as part of this investigation. These soil samples were submitted to ALS Environmental Laboratory (ALS) in Holland, Michigan for laboratory analysis of the following parameters per the requested parameters as described in the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025:

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

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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 January 22, 2026.

4.1 Site Geology and Hydrogeology

The stratigraphy encountered during soil boring advancement of 6078 SB01, 6078 SB02, and 6078 SB03 generally consisted of brown and gray gravelly sand and clay to six (6) feet below ground surface (bgs), the maximum depth explored for this investigation. Field photoionization detector (PID) readings of the recovered soil cores were below instrument detection limits. There were no visual (staining) and/or olfactory (e.g., petroleum-like odors) indications of contamination observed during soil sampling activities; however, concrete debris was observed in 6078 SB02 and 6078 SB03.

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

4.2 Soil Sample Analytical Results

Three (3) soil samples, designated 6078 SB01 (1-2')_20260122, 6078 SB02 (3-4')_20260122, and 6078 SB03 (5-6')_20260122, were collected from the Site and submitted to ALS for laboratory analysis of VOCs, SVOCs, PCBs, Michigan 10 Metals, chloride, herbicides, and pesticides.

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

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

Chemical	CAS Number	Soil Sample (feet bgs)	Part 201 GRCC Exceeded / Concentration (µg/kg[1])	Maximum Detected Concentration (µg/kg)
Arsenic	7440-38-2	6078 SB01 (1-2)_20260122 6078 SB02 (3-4)_20260122 6078 SB03 (5-6)_20260122	GSIPC[2] / 4,600 DWPC[3] / 4,600 DCC[4] / 7,600	8,880
Chromium (Total)	7440-47-3	6078 SB03 (5-6)_20260122	GSIPC / 3,300	21,300

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

4.3 Exposure Evaluation

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

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

5.0 FINDINGS

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

- The stratigraphy encountered during soil boring advancement of 6078 SB01, 6078 SB02, and 6078 SB03 generally consisted of brown and gray gravelly sand and clay to six (6) feet bgs, the maximum depth explored for this investigation. Field PID readings of the recovered soil cores were below instrument detection limits. There were no visual (staining) and/or olfactory (e.g., petroleum-like odors) indications of contamination observed during soil sampling activities; however, concrete debris was observed in 6078 SB02 and 6078 SB03.
- Concentrations of arsenic and chromium (Total) were detected in soil samples 6078 SB01 (1-2')_20260122, 6078 SB02 (3-4')_20260122, and/or 6078 SB03 (5-6')_20260122 in excess of Part 201 GSIPC, DWPC, and/or DCC.
- Concentrations of 4,4'-DDE, barium, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, benzo(a)pyrene, chrysene, copper, fluoranthene, indeno(1,2,3-cd)pyrene, lead, mercury, phenanthrene, pyrene, and zinc were detected in soil samples 6078 SB01 (1-2')_20260122, 6078 SB02 (3-4')_20260122, and/or 6078 SB03 (5-6')_20260122 at concentrations above laboratory method detection limits; however, detected concentrations were below their respective Part 201 GRCC and/or Statewide Default Background Levels.
- VOCs, PCBs, 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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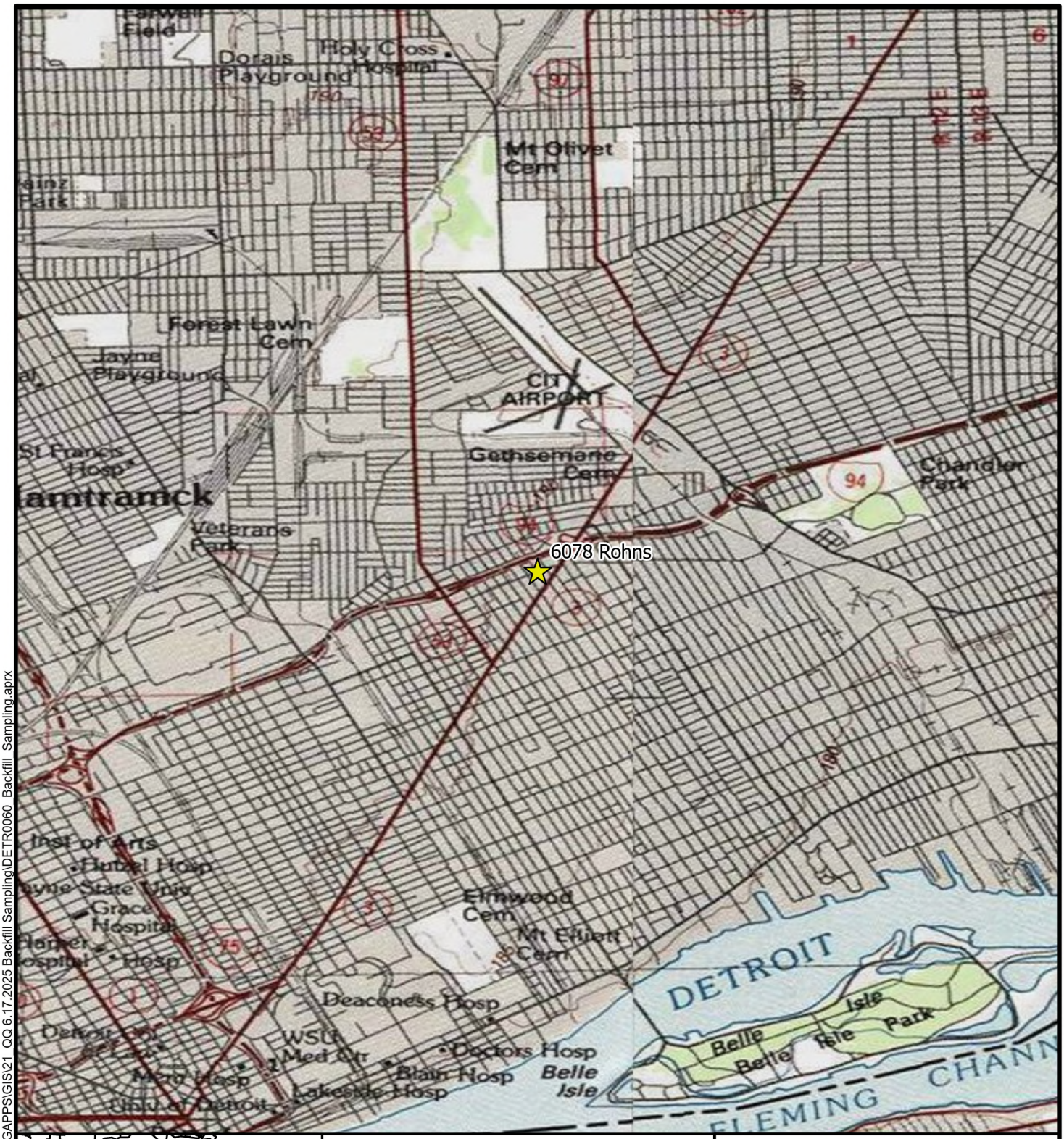
FIGURES



Site Location

MSG

0 0.5 1 Miles

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FIGURE 1

SITE LOCATION

6078 Rohns, Detroit, MI

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

Date Saved: 1/8/2026 11:31 AM Coordinate System: GCS WGS 1984
Path: W:\Projects\Projects A-E\DETR0060\ENGAPPS\GIS\21 QQ 6.17.2025 Backfill Sampling\DETR0060 Backfill Sampling.aprx

Basemap Source: ESRI USA_Topo_Maps Web Service

MSG

0 20 40
Feet

Sample Locations
Parcels (Current)
Subject Property

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

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FIGURE 2

Site Layout

6078 Rohns, Detroit, MI

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

Date Saved: 1/6/2026 8:15 PM
Path: W:\Projects\Projects A-E\DETR0060\ENGAPPS\GIS\21_QQ 6.17.2025 Backfill Sampling\DETR0060_Backfill_Sampling.aprx

TABLE

Table 1
Soil Sample Analytical Detection Summary

Detroit Backfill Sampling
6078 Rohns, 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	Benzo(A)Anthracene	Benzo(A)Pyrene	Benzo(B)Fluoranthene	Benzo(G,H,I)Perylene	Benzo(K)Fluoranthene	Chrysene	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	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9	218-01-9	206-44-0	193-39-5	85-01-8	129-00-0
Units			ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
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
Drinking Water Protection Criteria (DWPC)			4,600	1.30E+06	30,000	5.80E+06	7.00E+05	1,700	2.40E+06	NLL	NLL	NLL	NLL	NLL	NLL	NLL	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	NLL	NLL	NLL	NLL	NLL	NLL	5,500	NLL	2,100	ID
Soil Volatilization to Indoor Air Inhalation (SVIIC)			NLV	NLV	NC	NLV	NLV	48,000	NC	NLV	NLV	NLV	ID	NLV	NLV	ID	1.00E+09	NLV	2.80E+06	1.00E+09
Soil Volatilization to Indoor Air Pathway (SVIAP)			NC	NC	NC	NC	NC	22(M)	NC	39,000	1.60E+05(M)	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	NLV	NLV	ID	NLV	NLV	ID	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	NLV	NLV	ID	NLV	NLV	ID	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	NLV	NLV	ID	NLV	NLV	ID	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	ID	1.50E+06	ID	8.00E+08	ID	ID	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	20,000	2,000	20,000	2.50E+06	2.00E+05	2.00E+06	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	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sample ID	Sample Depth (ft)	Sample Date																		
6078 SB01	1.0 - 2.0	01/22/2026	**6,610**	**26,700**	**10,700**	**11,600**	**8,130**	**48**	**38,100**	<11.9	<6.2	<4.4	<5.35	<5.5	<5.43	<5.8	<3.44	<4.99	<3.34	<3.58
6078 SB02	3.0 - 4.0	01/22/2026	**6,180**	**24,300**	**9,120**	**12,700**	**25,100**	**55.2**	**50,200**	**24.1**	<15	<10.7	<12.9	<13.3	<13.2	<14	<8.34	<12.1	<8.08	<8.66
6078 SB03	5.0 - 6.0	01/22/2026	**8,880**	**79,500**	**21,300**	**22,200**	**11,300**	**69.9**	**58,900**	<19.1	**36.1**	**33.4**	**57**	**23.6**	**52.8**	**27.8**	**72.3**	**29.2**	**29.2**	**66.7**

Notes

Only parameters with one or more detections are shown.

ug/kg = Micrograms per Kilogram.

Exceeds Generic Drinking Water Protection Criteria.

Exceeds Groundwater Surface Water Interface Protection Criteria.

Exceeds Applicable Soil Vapor Inhalation Criteria/Screening Levels.

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

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

Bold indicates concentration above laboratory reporting limits.

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

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

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

APPENDIX A

LIMITATIONS

LIMITATIONS

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

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

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

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

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

APPENDIX B

DAILY FIELD REPORT

DAILY FIELD REPORT

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

Date: 01/22/2026 **Day:** Thursday
MSG Personnel: SRK, ZG, MW

Temp:	N/A	**(AM)**	20º F	**(PM)**
Cloud Cover:	N/A	**(AM)**	50%	**(PM)**
Precip.:	N/A	**(AM)**	N/A	**(PM)**

Personnel: MSG
MSG Hours On-Site: ~ 1 hours

Contractors Information

Contractor:	No. Men and Type:	Equipment Type:
MSG	3; Geologist/Helper/Operator	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:

- 1418 – SRK, ZG, and MW onsite (6078 Rohns Street)
- 1420 – Unloaded and prepared equipment
- 1426 – Began drilling SB01
- 1428 – Finished drilling SB01
- 1433 – Began drilling SB02
- 1435 – Finished drilling SB02
- 1435 – Sampled 6078 SB01 (1-2')_20260122
- 1439 – Began drilling SB03
- 1441 – Finished drilling SB03
- 1444 – Sampled 6078 SB02 (3-4')_20260122
- 1454 – Sampled 6078 SB03 (5-6')_20260122
- 1456 – Packed up equipment
- 1515 – MSG off site

Supporting Documentation

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

Problem Identification and Corrective Measures

N/A

Resolved? Yes ☐ No ☐

APPENDIX C

INVESTIGATION PHOTOGRAPHS

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

Photo 2: View of drilling at 6078 SB01, facing northeast.

Photo 3: Viewing 6078 SB01 soil recovery, facing northeast.

Photo 4: View of drilling at 6078 SB02, facing northeast.

Photo 5: Viewing 6078 SB02 soil recovery, facing northeast.

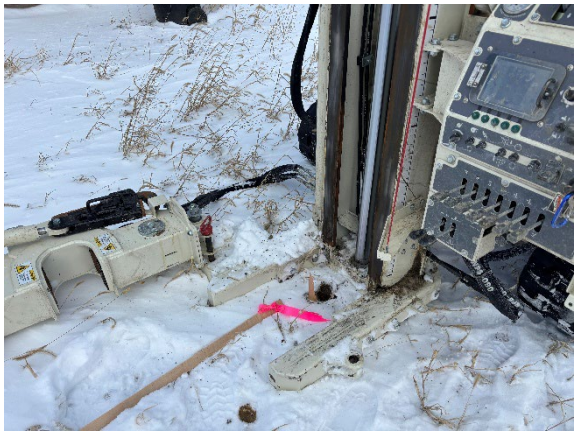

Photo 6: View of drilling at 6078 SB03, facing north.

Photo 7: Viewing 6078 SB03 soil recovery, facing northeast.	Photo 8: View of the Site post-drilling, facing north.

APPENDIX D

SOIL BORING LOGS

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

BOREHOLE NUMBER SB01

CLIENT City of Detroit
PROJECT NAME Backfill Soil Sampling
PROJECT NUMBER DETR0060_6078 Rohns
PROJECT LOCATION 6078 Rohns, Detroit, MI
DATE STARTED 01-22-2026 **COMPLETED** 01-22-2026
POSITION
DRILLING CONTRACTOR MSG
SURFACE ELEVATION **FINAL DEPTH** 6.0 ft
DRILLING METHOD Direct Push
LOGGED BY SRK **CHECKED BY** PDH
EQUIPMENT Geoprobe 7822DT **Operator** MW
REMARKS

DEPTH (ft)	SAMPLE INTERVALS	RECOVERY %	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (PPM)	REMARKS
				Brown, Gravelly SAND, Little Clay, Dry		
					0.0	
					0.0	- Collected Soil Sample 6078 SB01 (1-2') _20260122 at 14:35
	ES	42			0.0	
					0.0	
5					0.0	
					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

CLIENT City of Detroit
PROJECT NAME Backfill Soil Sampling
PROJECT NUMBER DETR0060_6078 Rohns
PROJECT LOCATION 6078 Rohns, Detroit, MI
DATE STARTED 01-22-2026 **COMPLETED** 01-22-2026
POSITION
DRILLING CONTRACTOR MSG
SURFACE ELEVATION **FINAL DEPTH** 6.0 ft
DRILLING METHOD Direct Push
LOGGED BY SRK **CHECKED BY** PDH
EQUIPMENT Geoprobe 7822DT **Operator** MW
REMARKS

DEPTH (ft)	SAMPLE INTERVALS	RECOVERY %	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (PPM)	REMARKS
				Brown, Gravelly SAND, Little Concrete Debris, Trace Clay, Dry		
					0.0	
					0.0	
	ES	58			0.0	
				- Becomes moist at 3.5' bgs		- Collected Soil Sample 6078 SB02 (3-4') _20260122 at 14:44
				4.0	0.0	
				Brown, SAND, Trace Gravel, Moist		
				5.0		
5				Gray and Brown, CLAY, Trace Gravel, Dry	0.0	
					0.0	
				6.0		
				Terminated at 6.00 ft.		
10						

LEGEND:

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

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

BOREHOLE NUMBER SB03

CLIENT City of Detroit
PROJECT NAME Backfill Soil Sampling
PROJECT NUMBER DETR0060_6078 Rohns
PROJECT LOCATION 6078 Rohns, Detroit, MI
DATE STARTED 01-22-2026 **COMPLETED** 01-22-2026
POSITION
DRILLING CONTRACTOR MSG
SURFACE ELEVATION **FINAL DEPTH** 6.0 ft
DRILLING METHOD Direct Push
LOGGED BY SRK **CHECKED BY** PDH
EQUIPMENT Geoprobe 7822DT **Operator** MW
REMARKS

DEPTH (ft)	SAMPLE INTERVALS	RECOVERY %	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (PPM)	REMARKS
				Brown, Gravelly SAND, Trace Clay, Dry	0.0	
					0.0	
	ES	58		3.0	0.0	
				Brown, SAND, Trace Gravel, Dry - Becomes moist at 3.5' bgs	0.0	
5				5.0	0.0	
				5.2 Wood Debris and Gravel Debris, Dry		
				Brown and Gray, CLAY, Trace Gravel, Dry 6.0	0.0	- Collected Soil Sample 6078 SB03 (5-6') _20260122 at 14:54
				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

February 04, 2026

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

Date Received: **01/23/2026**
Work Order: **HN2601093**

Re: **6078 Rohns**

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. **Work Order:** HN2601093
Project: 6078 Rohns **Date Received:** 23-Jan-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 23-Jan-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: HN2601093

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

Organics

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

Run ID: 3844018

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: Chloroethane (Ethyl chloride), Dichlorodifluoromethane (Freon-12), Methyl bromide (Bromomethane), n-Butyl alcohol (1-Butanol, n-Butanol), Trichlorofluoromethane (Fluorotrichloromethane, Freon 11), Vinyl chloride (Chloroethene)

EPA 8081B-3546-S (High)

Run ID: 3846260

HN2601093-001: The surrogate failed low in the CCV. However, the surrogate within the sample was in control therefore no qualification is needed: DCB.
HN2601093-002: The surrogate failed low in the CCV. However, the surrogate within the sample was in control therefore no qualification is needed: DCB.
HN2601093-003: The surrogate failed low in the CCV. However, the surrogate within the sample was in control therefore no qualification is needed: DCB.

Metals

EPA 6020B-3050B-S

Run ID: 3849618

Samples HN2601093-001 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: 6078 SB01 (1-2')_20260122 — **Lab ID: HN2601093-001**

Analyte	Results	Flag	MRL	Units	Method
Arsenic	6.61		2.74	mg/kg	EPA 6020B
Barium	26.7		2.74	mg/kg	EPA 6020B
Chromium	10.7		2.74	mg/kg	EPA 6020B
Copper	11.6		2.74	mg/kg	EPA 6020B
Lead	8.13		2.74	mg/kg	EPA 6020B
Mercury	0.0480		0.0203	mg/kg	EPA 7471B
Percent Moisture	7.2		0.1	%	EPA 3550C
Zinc	38.1		5.49	mg/kg	EPA 6020B

CLIENT ID: 6078 SB02 (3-4')_20260122 — **Lab ID: HN2601093-002**

Analyte	Results	Flag	MRL	Units	Method
4,4'-DDE	24.1		18.9	µg/kg	EPA 8081B
Arsenic	6.18		3.00	mg/kg	EPA 6020B
Barium	24.3		3.00	mg/kg	EPA 6020B
Chromium	9.12		3.00	mg/kg	EPA 6020B
Copper	12.7		3.00	mg/kg	EPA 6020B
Lead	25.1		3.00	mg/kg	EPA 6020B
Mercury	0.0552		0.0203	mg/kg	EPA 7471B
Percent Moisture	13.2		0.1	%	EPA 3550C
Zinc	50.2		5.99	mg/kg	EPA 6020B

CLIENT ID: 6078 SB03 (5-6')_20260122 — **Lab ID: HN2601093-003**

Analyte	Results	Flag	MRL	Units	Method
Arsenic	8.88		3.66	mg/kg	EPA 6020B
Barium	79.5		3.66	mg/kg	EPA 6020B
Benzo(a)anthracene	36.1		13.9	µg/kg	EPA 8270E
Benzo(a)pyrene	33.4		13.9	µg/kg	EPA 8270E
Benzo(b)fluoranthene	57.0		13.9	µg/kg	EPA 8270E
Benzo(g,h,i)perylene	23.6		13.9	µg/kg	EPA 8270E
Benzo(k)fluoranthene	52.8		13.9	µg/kg	EPA 8270E
Chromium	21.3		3.66	mg/kg	EPA 6020B
Chrysene	27.8		13.9	µg/kg	EPA 8270E
Copper	22.2		3.66	mg/kg	EPA 6020B
Fluoranthene	72.3		13.9	µg/kg	EPA 8270E
Indeno(1,2,3-cd) pyrene	29.2		13.9	µg/kg	EPA 8270E
Lead	11.3		3.66	mg/kg	EPA 6020B
Mercury	0.0699		0.0200	mg/kg	EPA 7471B
Percent Moisture	15.7		0.1	%	EPA 3550C
Phenanthrene	29.2		13.9	µg/kg	EPA 8270E
Pyrene	66.7		13.9	µg/kg	EPA 8270E
Zinc	58.9		7.33	mg/kg	EPA 6020B

SAMPLE SUMMARY

Client: The Mannik & Smith Group, Inc.
Project: 6078 Rohns
Workorder: HN2601093

Laboratory Sample ID	Client Sample ID	Sample Matrix	Collection Date	Date Received
HN2601093-001	6078 SB01 (1-2')_20260122	SOIL/SOLID	01/22/26 14:35	01/23/26 06:00
HN2601093-002	6078 SB02 (3-4')_20260122	SOIL/SOLID	01/22/26 14:44	01/23/26 06:00
HN2601093-003	6078 SB03 (5-6')_20260122	SOIL/SOLID	01/22/26 14:54	01/23/26 06:00

Environmental Division
Holland
Work Order Reference
HN2601093

nvironmental

ory location:

Telephone : +1 616 399 6070

Chain of Custody Form

Page 1 of 1

ALS Project Manager:		Work Order #:	

Project Information		Parameter/Method Request for Analysis	
Project Name	6078 Rohns	A	VOCs (U.S. EPA Method 8260C (or Method 8260))
Project Number	DETR0060	B	SVOCs (U.S. EPA Method 8270D (or Method 8270))
Bill To Company	Mannik Smith Group	C	PCBs (U.S. EPA Method 8082)
Invoice Attn.		D	Mi 10 Metals (U.S. EPA 6000/7000 Series Methods)
Address	2365 South Haggerty Road	E	Chlorides (U.S. EPA Method 9056A)
		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	omitchell@manniksmithgroup.com	J	

Company Name	Mannik Smith Group		
Send Report To	Ryan Montri and Olivia Mitchell		
Address	2365 South Haggerty Road		
City/State/Zip	Canton, Mi 48188		
Phone	734-397-3100		
Fax			
e-Mail Address	rmontri@manniksmithgroup.com		

No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	6078 SB01 (1-2 ')_20260122	1/22/26	14:35	Soil	7	3	✓	✓	✓	✓	✓	✓	✓				
2	6078 SB02 (3-4 ')_20260122		14:44	Soil	7	3	✓	✓	✓	✓	✓	✓	✓				
3	6078 SB03 (5-6 ')_20260122	1/22/26	14:54	Soil	7	3	✓	✓	✓	✓	✓	✓	✓				
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s): Please Print & Sign: Shannon Kaczmarek [signature]	Shipment Method:	Required Turnaround Time: ☐ STD 10 Wk Days ☑ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other	Results Due Date:

Relinquished by: [signature]	Date: 1/22/26	Time: 1408	Received by: [signature] 1/22 1555	Notes: Rec'd 1/23/26 0600 [initials]
Relinquished by: [signature]	Date: 1/22	Time: 1700	Received by (Laboratory): [signature] 1/22 1700	Cooler Temp. 1R6 3.6°C
Logged by (Laboratory): DES	Date: 1/23/26	Time: 0915	Checked by (Laboratory):	

QC Package: (Check Box Below)

	Level II: Standard QC		TRRP-Checklist
	Level III: Std QC + Raw Data		TRRP Level IV
	Level IV: SW846 CLP-Like		
	Other:		

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

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

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ALS Holland
3352 128th Ave., Holland MI 49424

ALS Holland Sample Receiving Checklist

Received by:	Diane F. Shaw
Date/Time:	1/23/26 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):	3.6/3.6°c
Thermometer(s):	IR6
Sample(s) received on ice?	Yes / No
Matrix/Matrices:	Soil
Cooler(s)/Kit(s):	1
Date/Time sample(s) sent to storage:	1/23/26 0945
Water – VOA vials have zero headspace?	Yes / No / No Vials
Water – pH acceptable upon receipt?	Yes / No / N/A
pH strip lot #: _____	< 2 _____ > 12 _____ Other _____
pH adjusted (note adjustments below)?	Yes / No / N/A
pH adjusted by:	_____

Login Notes:

HN-SHT-160-R01, Sample Receipt Checklist

REPORT QUALIFIERS AND DEFINITIONS

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

LABORATORY CERTIFICATIONS[1]

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: 6078 Rohns
Work Order: HN2601093

Sample Name: 6078 SB01 (1-2')_20260122
Laboratory Code: HN2601093-001
Sample Matrix: SOIL/SOLID
Date Collected: 01/22/26
Date Received: 01/23/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		001-AC	2427885		3838560	Nicole Maleski
EPA 6020B	EPA 3050B	001-AC	2433992	Weston Kotecki	3849618	Denise Coffey
EPA 7471B	Method	001-AC	2434159	Maxx Richey	3851276	Maxx Richey
EPA 8081B	EPA 3546	001-AC	2428536	Willow Julien	3846260	Quinn Garner
EPA 8082A	EPA 3546	001-AC	2428534	Rachel Plantinga	3844223	Nathaniel Dietlin
EPA 8151A	Method	001-AC	2435703	Rachel Plantinga	3854703	Kathy Malmyga
EPA 8260D	EPA 5035A	001-AA	2428124	Jonathan Vazquez	3844018	John Garvale
EPA 8270E	EPA 3546	001-AC	2438063	Rachel Plantinga	3860351	Sam Marcotte
EPA 9056A	EPA 9056A	001-AC	2429980	Sage Hansen	3842803	Sage Hansen

Sample Name: 6078 SB02 (3-4')_20260122
Laboratory Code: HN2601093-002
Sample Matrix: SOIL/SOLID
Date Collected: 01/22/26
Date Received: 01/23/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		002-AC	2427885		3838560	Nicole Maleski
EPA 6020B	EPA 3050B	002-AC	2433992	Weston Kotecki	3849618	Denise Coffey
EPA 7471B	Method	002-AC	2434159	Maxx Richey	3851276	Maxx Richey
EPA 8081B	EPA 3546	002-AC	2428536	Willow Julien	3846260	Quinn Garner
EPA 8082A	EPA 3546	002-AC	2428534	Rachel Plantinga	3844223	Nathaniel Dietlin
EPA 8151A	Method	002-AC	2435703	Rachel Plantinga	3854703	Kathy Malmyga
EPA 8260D	EPA 5035A	002-AA	2428124	Jonathan Vazquez	3844018	John Garvale
EPA 8270E	EPA 3546	002-AC	2438063	Rachel Plantinga	3860351	Sam Marcotte
EPA 9056A	EPA 9056A	002-AC	2429980	Sage Hansen	3842803	Sage Hansen

Sample Name: 6078 SB03 (5-6')_20260122
Laboratory Code: HN2601093-003
Sample Matrix: SOIL/SOLID
Date Collected: 01/22/26
Date Received: 01/23/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		003-AC	2427885		3838560	Nicole Maleski

ANALYST SUMMARY

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns		

Sample Name:	6078 SB03 (5-6')_20260122	**Date Collected:**	01/22/26
Laboratory Code:	HN2601093-003	**Date Received:**	01/23/26
Sample Matrix:	SOIL/SOLID		

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 6020B	EPA 3050B	003-AC	2433992	Weston Kotecki	3849618	Denise Coffey
EPA 7471B	Method	003-AC	2434159	Maxx Richey	3851276	Maxx Richey
EPA 8081B	EPA 3546	003-AC	2428536	Willow Julien	3846260	Quinn Garner
EPA 8082A	EPA 3546	003-AC	2428534	Rachel Plantinga	3844223	Nathaniel Dietlin
EPA 8151A	Method	003-AC	2435703	Rachel Plantinga	3854703	Kathy Malmyga
EPA 8260D	EPA 5035A	003-AA	2428124	Jonathan Vazquez	3844018	John Garvale
EPA 8270E	EPA 3546	003-AC	2438063	Rachel Plantinga	3860351	Sam Marcotte
EPA 9056A	EPA 9056A	003-AC	2429980	Sage Hansen	3842803	Sage Hansen

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:35
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB01 (1-2')_20260122 **Lab ID: HN2601093-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<0.968	U	µg/kg	5.26	1	01/31/26 16:48	01/30/26 10:25
2,4,5-TP (Silvex)	EPA 8151A	<1.73	U	µg/kg	5.26	1	01/31/26 16:48	01/30/26 10:25
2,4-D	EPA 8151A	<2.81	U	µg/kg	10.5	1	01/31/26 16:48	01/30/26 10:25
Surr: DCAA	*EPA 8151A*	***64.0***		*%REC*	*10-116*	*1*	*01/31/26 16:48*	*01/30/26 10:25*
General Chemistry Parameters								
Percent Moisture	EPA 3550C	**7.2**		%	0.1	1	01/23/26 13:05	NA
Chloride	EPA 9056A	<3.53	U	mg/kg	11.4	1	01/26/26 19:44	01/26/26 14:42
Metals								
Arsenic	EPA 6020B	**6.61**		mg/kg	2.74	10	01/29/26 16:49	01/29/26 09:03
Barium	EPA 6020B	**26.7**		mg/kg	2.74	10	01/29/26 16:49	01/29/26 09:03
Cadmium	EPA 6020B	<0.165	U	mg/kg	1.10	10	01/29/26 16:49	01/29/26 09:03
Chromium	EPA 6020B	**10.7**		mg/kg	2.74	10	01/29/26 16:49	01/29/26 09:03
Copper	EPA 6020B	**11.6**		mg/kg	2.74	10	01/29/26 16:49	01/29/26 09:03
Lead	EPA 6020B	**8.13**		mg/kg	2.74	10	01/29/26 16:49	01/29/26 09:03
Selenium	EPA 6020B	<2.52	U	mg/kg	2.74	10	01/29/26 16:49	01/29/26 09:03
Silver	EPA 6020B	<0.362	U	mg/kg	2.74	10	01/29/26 16:49	01/29/26 09:03
Zinc	EPA 6020B	**38.1**		mg/kg	5.49	10	01/29/26 16:49	01/29/26 09:03
Mercury	EPA 7471B	**0.0480**		mg/kg	0.0203	1	01/30/26 10:31	01/29/26 12:39
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<11.5	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
4,4'-DDE	EPA 8081B	<11.9	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
4,4'-DDT	EPA 8081B	<12.0	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
Aldrin	EPA 8081B	<11.7	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
alpha-BHC	EPA 8081B	<11.9	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
beta-BHC	EPA 8081B	<11.8	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
Chlordane, Technical	EPA 8081B	<17.9	U	µg/kg	45.0	1	01/27/26 19:23	01/23/26 18:51
cis-Chlordane	EPA 8081B	<12.0	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
delta-BHC	EPA 8081B	<11.8	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
Dieldrin	EPA 8081B	<12.6	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:35
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB01 (1-2')_20260122 **Lab ID: HN2601093-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<12.1	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
Endosulfan II	EPA 8081B	<11.9	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
Endosulfan sulfate	EPA 8081B	<11.1	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
Endrin	EPA 8081B	<14.6	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
Endrin aldehyde	EPA 8081B	<11.4	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
Endrin ketone	EPA 8081B	<11.0	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
gamma-BHC (Lindane)	EPA 8081B	<11.8	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
Heptachlor	EPA 8081B	<11.6	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
Heptachlor epoxide	EPA 8081B	<11.9	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
Methoxychlor	EPA 8081B	<12.0	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
Toxaphene	EPA 8081B	<19.4	U	µg/kg	108	1	01/27/26 19:23	01/23/26 18:51
trans-Chlordane	EPA 8081B	<12.0	U	µg/kg	18.0	1	01/27/26 19:23	01/23/26 18:51
Surr: Decachlorobiphenyl	*EPA 8081B*	***85.5***		*%REC*	*53-151*	*1*	*01/27/26 19:23*	*01/23/26 18:51*
Surr: Tetrachloro-m-xylene	*EPA 8081B*	***82.2***		*%REC*	*67-127*	*1*	*01/27/26 19:23*	*01/23/26 18:51*
Polychlorinated Biphenyls (PCBs) by GC/ECD								
Aroclor 1016	EPA 8082A	<41.2	U	µg/kg	120	1	01/27/26 01:18	01/23/26 18:39
Aroclor 1221	EPA 8082A	<41.2	U	µg/kg	120	1	01/27/26 01:18	01/23/26 18:39
Aroclor 1232	EPA 8082A	<41.2	U	µg/kg	120	1	01/27/26 01:18	01/23/26 18:39
Aroclor 1242	EPA 8082A	<41.2	U	µg/kg	120	1	01/27/26 01:18	01/23/26 18:39
Aroclor 1248	EPA 8082A	<41.2	U	µg/kg	120	1	01/27/26 01:18	01/23/26 18:39
Aroclor 1254	EPA 8082A	<33.5	U	µg/kg	120	1	01/27/26 01:18	01/23/26 18:39
Aroclor 1260	EPA 8082A	<33.5	U	µg/kg	120	1	01/27/26 01:18	01/23/26 18:39
Aroclor 1262	EPA 8082A	<33.5	U	µg/kg	120	1	01/27/26 01:18	01/23/26 18:39
Aroclor 1268	EPA 8082A	<33.5	U	µg/kg	120	1	01/27/26 01:18	01/23/26 18:39
Total PCB	EPA 8082A	<33.5	U	µg/kg	120	1	01/27/26 01:18	01/23/26 18:39
Surr: Decachlorobiphenyl	*EPA 8082A*	***115***		*%REC*	*54-146*	*1*	*01/27/26 01:18*	*01/23/26 18:39*
Surr: Tetrachloro-m-xylene	*EPA 8082A*	***100***		*%REC*	*58-140*	*1*	*01/27/26 01:18*	*01/23/26 18:39*
Semivolatile Organic Compounds by GC-MS								
1,1'-Biphenyl (BZ-0)	EPA 8270E	<5.82	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<8.27	U	µg/kg	358	1	02/03/26 17:44	02/02/26 12:44

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:35
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB01 (1-2')_20260122 **Lab ID: HN2601093-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<25.7	U	µg/kg	179	1	02/03/26 17:44	02/02/26 12:44
1-Methylnaphthalene	EPA 8270E	<5.16	U	µg/kg	7.17	1	02/03/26 17:44	02/02/26 12:44
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<8.40	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
2,3,4,6-Tetrachlorophenol	EPA 8270E	<26.3	U	µg/kg	71.7	1	02/03/26 17:44	02/02/26 12:44
2,4,5-Trichlorophenol	EPA 8270E	<21.2	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
2,4,6-Trichlorophenol	EPA 8270E	<9.54	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
2,4-Dichlorophenol	EPA 8270E	<19.3	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
2,4-Dimethylphenol	EPA 8270E	<18.4	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
2,4-Dinitrophenol	EPA 8270E	<262	U	µg/kg	358	1	02/03/26 17:44	02/02/26 12:44
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<23.3	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<9.16	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
2-Chloronaphthalene	EPA 8270E	<5.01	U	µg/kg	7.17	1	02/03/26 17:44	02/02/26 12:44
2-Chlorophenol	EPA 8270E	<23.5	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<30.0	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
2-Methylnaphthalene	EPA 8270E	<3.65	U	µg/kg	7.17	1	02/03/26 17:44	02/02/26 12:44
2-Methylphenol (o-Cresol)	EPA 8270E	<9.69	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
2-Nitroaniline	EPA 8270E	<19.9	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
2-Nitrophenol	EPA 8270E	<10.2	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
3&4-Methylphenol	EPA 8270E	<19.5	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
3,3'-Dichlorobenzidine	EPA 8270E	<16.7	U	µg/kg	179	1	02/03/26 17:44	02/02/26 12:44
3-Nitroaniline	EPA 8270E	<20.8	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<19.6	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
4-Chloro-3-methylphenol	EPA 8270E	<10.2	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
4-Chloroaniline	EPA 8270E	<18.2	U	µg/kg	71.7	1	02/03/26 17:44	02/02/26 12:44
4-Chlorophenyl phenylether	EPA 8270E	<9.91	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
4-Nitroaniline	EPA 8270E	<55.6	U	µg/kg	179	1	02/03/26 17:44	02/02/26 12:44
4-Nitrophenol	EPA 8270E	<84.0	U	µg/kg	358	1	02/03/26 17:44	02/02/26 12:44
Acenaphthene	EPA 8270E	<5.19	U	µg/kg	7.17	1	02/03/26 17:44	02/02/26 12:44

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:35
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB01 (1-2')_20260122 **Lab ID: HN2601093-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<6.22	U	µg/kg	7.17	1	02/03/26 17:44	02/02/26 12:44
Acetophenone	EPA 8270E	<5.62	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
Anthracene	EPA 8270E	<5.06	U	µg/kg	7.17	1	02/03/26 17:44	02/02/26 12:44
Atrazine	EPA 8270E	<21.0	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
Benzaldehyde	EPA 8270E	<55.1	U	µg/kg	71.7	1	02/03/26 17:44	02/02/26 12:44
Benzo(a)anthracene	EPA 8270E	<6.20	U	µg/kg	7.17	1	02/03/26 17:44	02/02/26 12:44
Benzo(a)pyrene	EPA 8270E	<4.40	U	µg/kg	7.17	1	02/03/26 17:44	02/02/26 12:44
Benzo(b)fluoranthene	EPA 8270E	<5.35	U	µg/kg	7.17	1	02/03/26 17:44	02/02/26 12:44
Benzo(g,h,i)perylene	EPA 8270E	<5.50	U	µg/kg	7.17	1	02/03/26 17:44	02/02/26 12:44
Benzo(k)fluoranthene	EPA 8270E	<5.43	U	µg/kg	7.17	1	02/03/26 17:44	02/02/26 12:44
bis(2-Chloroethoxy) methane	EPA 8270E	<22.7	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
bis(2-Chloroethyl) ether	EPA 8270E	<10.2	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
Butyl benzyl phthalate	EPA 8270E	<44.9	U	µg/kg	71.7	1	02/03/26 17:44	02/02/26 12:44
Caprolactam	EPA 8270E	<32.4	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
Carbazole	EPA 8270E	<10.6	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
Chrysene	EPA 8270E	<5.80	U	µg/kg	7.17	1	02/03/26 17:44	02/02/26 12:44
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	<29.7	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
Dibenz(a,h) anthracene	EPA 8270E	<3.87	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
Dibenzofuran	EPA 8270E	<5.27	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
Diethyl phthalate	EPA 8270E	<12.2	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
Dimethyl phthalate	EPA 8270E	<6.99	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
Fluoranthene	EPA 8270E	<3.44	U	µg/kg	7.17	1	02/03/26 17:44	02/02/26 12:44
Fluorene	EPA 8270E	<5.21	U	µg/kg	7.17	1	02/03/26 17:44	02/02/26 12:44
Hexachlorobenzene	EPA 8270E	<10.4	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
Hexachlorobutadiene	EPA 8270E	<8.45	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
Hexachlorocyclopentadiene	EPA 8270E	<34.0	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
Hexachloroethane	EPA 8270E	<14.8	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
Indeno(1,2,3-cd) pyrene	EPA 8270E	<4.99	U	µg/kg	7.17	1	02/03/26 17:44	02/02/26 12:44
Isophorone	EPA 8270E	<7.00	U	µg/kg	179	1	02/03/26 17:44	02/02/26 12:44
Methylphenol, Total	EPA 8270E	<9.69	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:35
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB01 (1-2')_20260122 **Lab ID: HN2601093-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<4.58	U	µg/kg	7.17	1	02/03/26 17:44	02/02/26 12:44
Nitrobenzene	EPA 8270E	<12.1	U	µg/kg	179	1	02/03/26 17:44	02/02/26 12:44
n-Nitrosodi-n-propylamine	EPA 8270E	<5.92	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
N-Nitrosodiphenylamine	EPA 8270E	<20.8	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
Pentachlorophenol	EPA 8270E	<28.5	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
Phenanthrene	EPA 8270E	<3.34	U	µg/kg	7.17	1	02/03/26 17:44	02/02/26 12:44
Phenol	EPA 8270E	<18.0	U	µg/kg	35.5	1	02/03/26 17:44	02/02/26 12:44
Pyrene	EPA 8270E	<3.58	U	µg/kg	7.17	1	02/03/26 17:44	02/02/26 12:44
Pyridine	EPA 8270E	<70.6	U	µg/kg	179	1	02/03/26 17:44	02/02/26 12:44
Surr: 2,4,6-Tribromophenol	*EPA 8270E*	***80.9***		*%REC*	*48-94*	*1*	*02/03/26 17:44*	*02/02/26 12:44*
Surr: 2-Fluorobiphenyl	*EPA 8270E*	***78.7***		*%REC*	*50-103*	*1*	*02/03/26 17:44*	*02/02/26 12:44*
Surr: 2-Fluorophenol	*EPA 8270E*	***81.1***		*%REC*	*43-105*	*1*	*02/03/26 17:44*	*02/02/26 12:44*
Surr: 4-Terphenyl-d14	*EPA 8270E*	***95.0***		*%REC*	*55-111*	*1*	*02/03/26 17:44*	*02/02/26 12:44*
Surr: Nitrobenzene-d5	*EPA 8270E*	***91.4***		*%REC*	*47-100*	*1*	*02/03/26 17:44*	*02/02/26 12:44*
Surr: Phenol-d6	*EPA 8270E*	***81.8***		*%REC*	*49-110*	*1*	*02/03/26 17:44*	*02/02/26 12:44*
Volatile Organic Compounds by GC-MS								
1,1,1-Trichloroethane	EPA 8260D	<15.7	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
1,1,2,2-Tetrachloroethane	EPA 8260D	<15.3	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<22.0	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
1,1,2-Trichloroethane	EPA 8260D	<14.8	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
1,1-Dichloroethane	EPA 8260D	<12.7	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
1,1-Dichloroethylene	EPA 8260D	<11.2	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
1,2,3-Trichlorobenzene	EPA 8260D	<41.7	U	µg/kg	116	1	01/27/26 05:26	01/23/26 13:29
1,2,3-Trichloropropane	EPA 8260D	<14.5	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
1,2,4-Trichlorobenzene	EPA 8260D	<39.3	U	µg/kg	116	1	01/27/26 05:26	01/23/26 13:29
1,2,4-Trimethylbenzene	EPA 8260D	<25.5	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<32.0	U	µg/kg	116	1	01/27/26 05:26	01/23/26 13:29
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<20.4	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<13.2	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:35
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB01 (1-2')_20260122 **Lab ID: HN2601093-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<20.4	U	µg/kg	116	1	01/27/26 05:26	01/23/26 13:29
1,2-Dichloropropane	EPA 8260D	<25.6	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
1,3,5-Trimethylbenzene	EPA 8260D	<24.5	U	µg/kg	116	1	01/27/26 05:26	01/23/26 13:29
1,3-Dichlorobenzene (m-Dichlorobenzene)	EPA 8260D	<24.0	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
1,3-Dichloropropene	EPA 8260D	<19.4	U	µg/kg	69.4	1	01/27/26 05:26	01/23/26 13:29
1,4-Dichlorobenzene (p-Dichlorobenzene)	EPA 8260D	<28.2	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<82.6	U	µg/kg	231	1	01/27/26 05:26	01/23/26 13:29
2-Hexanone	EPA 8260D	<17.2	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<32.4	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Acetone	EPA 8260D	<103	U	µg/kg	116	1	01/27/26 05:26	01/23/26 13:29
Benzene	EPA 8260D	<16.8	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Bromochloromethane	EPA 8260D	<17.7	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Bromodichloromethane	EPA 8260D	<19.4	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Bromoform	EPA 8260D	<14.6	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Carbon disulfide	EPA 8260D	<18.0	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Carbon tetrachloride	EPA 8260D	<13.6	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Chlorobenzene	EPA 8260D	<11.5	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Chlorodibromomethane	EPA 8260D	<19.5	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Chloroethane (Ethyl chloride)	EPA 8260D	<97.2	U	µg/kg	116	1	01/27/26 05:26	01/23/26 13:29
Chloroform	EPA 8260D	<12.7	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
cis-1,2-Dichloroethylene	EPA 8260D	<22.3	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
cis-1,3-Dichloropropene	EPA 8260D	<26.2	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Cyclohexane	EPA 8260D	<26.6	U	µg/kg	116	1	01/27/26 05:26	01/23/26 13:29
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<42.0	U	µg/kg	116	1	01/27/26 05:26	01/23/26 13:29
Ethylbenzene	EPA 8260D	<24.6	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Isopropylbenzene	EPA 8260D	<21.9	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
m+p-Xylene	EPA 8260D	<46.3	U	µg/kg	69.4	1	01/27/26 05:26	01/23/26 13:29
Methyl acetate	EPA 8260D	<41.6	U	µg/kg	289	1	01/27/26 05:26	01/23/26 13:29
Methyl bromide (Bromomethane)	EPA 8260D	<66.4	U	µg/kg	116	1	01/27/26 05:26	01/23/26 13:29

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:35
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB01 (1-2')_20260122 **Lab ID: HN2601093-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<94.9	U	µg/kg	116	1	01/27/26 05:26	01/23/26 13:29
Methyl tert-butyl ether (MTBE)	EPA 8260D	<25.3	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Methylcyclohexane	EPA 8260D	<13.2	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Methylene chloride (Dichloromethane)	EPA 8260D	<92.1	U	µg/kg	289	1	01/27/26 05:26	01/23/26 13:29
o-Xylene	EPA 8260D	<13.4	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Styrene	EPA 8260D	<13.8	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<20.9	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Toluene	EPA 8260D	<28.6	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Total Xylene	EPA 8260D	<13.4	U	µg/kg	104	1	01/27/26 05:26	01/23/26 13:29
trans-1,2-Dichloroethylene	EPA 8260D	<28.6	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
trans-1,3-Dichloropropylene	EPA 8260D	<19.4	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Trichloroethene (Trichloroethylene)	EPA 8260D	<15.6	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<17.8	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Vinyl chloride (Chloroethene)	EPA 8260D	<23.1	U	µg/kg	34.7	1	01/27/26 05:26	01/23/26 13:29
Surr: 1,2-Dichloroethane-d4	*EPA 8260D*	***99.4***		*%REC*	*80-120*	*1*	*01/27/26 05:26*	*01/23/26 13:29*
Surr: 4-Bromofluorobenzene	*EPA 8260D*	***101***		*%REC*	*80-120*	*1*	*01/27/26 05:26*	*01/23/26 13:29*
Surr: Dibromofluoromethane	*EPA 8260D*	***99.4***		*%REC*	*72-120*	*1*	*01/27/26 05:26*	*01/23/26 13:29*
Surr: Toluene-d8	*EPA 8260D*	***96.9***		*%REC*	*80-120*	*1*	*01/27/26 05:26*	*01/23/26 13:29*

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:44
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB02 (3-4')_20260122 **Lab ID: HN2601093-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<2.54	U	µg/kg	13.8	1	01/31/26 17:01	01/30/26 10:25
2,4,5-TP (Silvex)	EPA 8151A	<4.53	U	µg/kg	13.8	1	01/31/26 17:01	01/30/26 10:25
2,4-D	EPA 8151A	<7.37	U	µg/kg	27.6	1	01/31/26 17:01	01/30/26 10:25
Surr: DCAA	*EPA 8151A*	***68.0***		*%REC*	*10-116*	*1*	*01/31/26 17:01*	*01/30/26 10:25*
General Chemistry Parameters								
Percent Moisture	EPA 3550C	**13.2**		%	0.1	1	01/23/26 13:05	NA
Chloride	EPA 9056A	<3.82	U	mg/kg	12.3	1	01/26/26 19:52	01/26/26 14:42
Metals								
Arsenic	EPA 6020B	**6.18**		mg/kg	3.00	10	01/29/26 16:51	01/29/26 09:03
Barium	EPA 6020B	**24.3**		mg/kg	3.00	10	01/29/26 16:51	01/29/26 09:03
Cadmium	EPA 6020B	<0.180	U	mg/kg	1.20	10	01/29/26 16:51	01/29/26 09:03
Chromium	EPA 6020B	**9.12**		mg/kg	3.00	10	01/29/26 16:51	01/29/26 09:03
Copper	EPA 6020B	**12.7**		mg/kg	3.00	10	01/29/26 16:51	01/29/26 09:03
Lead	EPA 6020B	**25.1**		mg/kg	3.00	10	01/29/26 16:51	01/29/26 09:03
Selenium	EPA 6020B	<2.76	U	mg/kg	3.00	10	01/29/26 16:51	01/29/26 09:03
Silver	EPA 6020B	<0.395	U	mg/kg	3.00	10	01/29/26 16:51	01/29/26 09:03
Zinc	EPA 6020B	**50.2**		mg/kg	5.99	10	01/29/26 16:51	01/29/26 09:03
Mercury	EPA 7471B	**0.0552**		mg/kg	0.0203	1	01/30/26 10:33	01/29/26 12:39
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<12.1	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
4,4'-DDE	EPA 8081B	**24.1**		µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
4,4'-DDT	EPA 8081B	<12.6	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
Aldrin	EPA 8081B	<12.3	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
alpha-BHC	EPA 8081B	<12.5	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
beta-BHC	EPA 8081B	<12.4	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
Chlordane, Technical	EPA 8081B	<18.8	U	µg/kg	47.3	1	01/27/26 19:38	01/23/26 18:51
cis-Chlordane	EPA 8081B	<12.7	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
delta-BHC	EPA 8081B	<12.4	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
Dieldrin	EPA 8081B	<13.2	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:44
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB02 (3-4')_20260122 **Lab ID: HN2601093-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<12.7	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
Endosulfan II	EPA 8081B	<12.5	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
Endosulfan sulfate	EPA 8081B	<11.6	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
Endrin	EPA 8081B	<15.3	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
Endrin aldehyde	EPA 8081B	<12.0	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
Endrin ketone	EPA 8081B	<11.5	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
gamma-BHC (Lindane)	EPA 8081B	<12.4	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
Heptachlor	EPA 8081B	<12.2	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
Heptachlor epoxide	EPA 8081B	<12.5	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
Methoxychlor	EPA 8081B	<12.7	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
Toxaphene	EPA 8081B	<20.5	U	µg/kg	114	1	01/27/26 19:38	01/23/26 18:51
trans-Chlordane	EPA 8081B	<12.6	U	µg/kg	18.9	1	01/27/26 19:38	01/23/26 18:51
Surr: Decachlorobiphenyl	*EPA 8081B*	***87.8***		*%REC*	*53-151*	*1*	*01/27/26 19:38*	*01/23/26 18:51*
Surr: Tetrachloro-m-xylene	*EPA 8081B*	***78.2***		*%REC*	*67-127*	*1*	*01/27/26 19:38*	*01/23/26 18:51*
Polychlorinated Biphenyls (PCBs) by GC/ECD								
Aroclor 1016	EPA 8082A	<43.3	U	µg/kg	126	1	01/27/26 01:53	01/23/26 18:39
Aroclor 1221	EPA 8082A	<43.3	U	µg/kg	126	1	01/27/26 01:53	01/23/26 18:39
Aroclor 1232	EPA 8082A	<43.3	U	µg/kg	126	1	01/27/26 01:53	01/23/26 18:39
Aroclor 1242	EPA 8082A	<43.3	U	µg/kg	126	1	01/27/26 01:53	01/23/26 18:39
Aroclor 1248	EPA 8082A	<43.3	U	µg/kg	126	1	01/27/26 01:53	01/23/26 18:39
Aroclor 1254	EPA 8082A	<35.3	U	µg/kg	126	1	01/27/26 01:53	01/23/26 18:39
Aroclor 1260	EPA 8082A	<35.3	U	µg/kg	126	1	01/27/26 01:53	01/23/26 18:39
Aroclor 1262	EPA 8082A	<35.3	U	µg/kg	126	1	01/27/26 01:53	01/23/26 18:39
Aroclor 1268	EPA 8082A	<35.3	U	µg/kg	126	1	01/27/26 01:53	01/23/26 18:39
Total PCB	EPA 8082A	<35.3	U	µg/kg	126	1	01/27/26 01:53	01/23/26 18:39
Surr: Decachlorobiphenyl	*EPA 8082A*	***112***		*%REC*	*54-146*	*1*	*01/27/26 01:53*	*01/23/26 18:39*
Surr: Tetrachloro-m-xylene	*EPA 8082A*	***94.1***		*%REC*	*58-140*	*1*	*01/27/26 01:53*	*01/23/26 18:39*
Semivolatile Organic Compounds by GC-MS								
1,1'-Biphenyl (BZ-0)	EPA 8270E	<14.1	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<20.0	U	µg/kg	867	1	02/03/26 18:13	02/02/26 12:44

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:44
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB02 (3-4')_20260122 **Lab ID: HN2601093-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<62.3	U	µg/kg	434	1	02/03/26 18:13	02/02/26 12:44
1-Methylnaphthalene	EPA 8270E	<12.5	U	µg/kg	17.4	1	02/03/26 18:13	02/02/26 12:44
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<20.3	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
2,3,4,6-Tetrachlorophenol	EPA 8270E	<63.6	U	µg/kg	174	1	02/03/26 18:13	02/02/26 12:44
2,4,5-Trichlorophenol	EPA 8270E	<51.4	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
2,4,6-Trichlorophenol	EPA 8270E	<23.1	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
2,4-Dichlorophenol	EPA 8270E	<46.7	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
2,4-Dimethylphenol	EPA 8270E	<44.6	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
2,4-Dinitrophenol	EPA 8270E	<635	U	µg/kg	867	1	02/03/26 18:13	02/02/26 12:44
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<56.4	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<22.2	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
2-Chloronaphthalene	EPA 8270E	<12.1	U	µg/kg	17.4	1	02/03/26 18:13	02/02/26 12:44
2-Chlorophenol	EPA 8270E	<56.8	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<72.5	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
2-Methylnaphthalene	EPA 8270E	<8.83	U	µg/kg	17.4	1	02/03/26 18:13	02/02/26 12:44
2-Methylphenol (o-Cresol)	EPA 8270E	<23.5	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
2-Nitroaniline	EPA 8270E	<48.2	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
2-Nitrophenol	EPA 8270E	<24.7	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
3&4-Methylphenol	EPA 8270E	<47.3	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
3,3'-Dichlorobenzidine	EPA 8270E	<40.5	U	µg/kg	434	1	02/03/26 18:13	02/02/26 12:44
3-Nitroaniline	EPA 8270E	<50.4	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<47.6	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
4-Chloro-3-methylphenol	EPA 8270E	<24.7	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
4-Chloroaniline	EPA 8270E	<44.1	U	µg/kg	174	1	02/03/26 18:13	02/02/26 12:44
4-Chlorophenyl phenylether	EPA 8270E	<24.0	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
4-Nitroaniline	EPA 8270E	<135	U	µg/kg	434	1	02/03/26 18:13	02/02/26 12:44
4-Nitrophenol	EPA 8270E	<203	U	µg/kg	867	1	02/03/26 18:13	02/02/26 12:44
Acenaphthene	EPA 8270E	<12.6	U	µg/kg	17.4	1	02/03/26 18:13	02/02/26 12:44

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:44
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB02 (3-4')_20260122 **Lab ID: HN2601093-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<15.1	U	µg/kg	17.4	1	02/03/26 18:13	02/02/26 12:44
Acetophenone	EPA 8270E	<13.6	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
Anthracene	EPA 8270E	<12.2	U	µg/kg	17.4	1	02/03/26 18:13	02/02/26 12:44
Atrazine	EPA 8270E	<50.9	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
Benzaldehyde	EPA 8270E	<133	U	µg/kg	174	1	02/03/26 18:13	02/02/26 12:44
Benzo(a)anthracene	EPA 8270E	<15.0	U	µg/kg	17.4	1	02/03/26 18:13	02/02/26 12:44
Benzo(a)pyrene	EPA 8270E	<10.7	U	µg/kg	17.4	1	02/03/26 18:13	02/02/26 12:44
Benzo(b)fluoranthene	EPA 8270E	<12.9	U	µg/kg	17.4	1	02/03/26 18:13	02/02/26 12:44
Benzo(g,h,i)perylene	EPA 8270E	<13.3	U	µg/kg	17.4	1	02/03/26 18:13	02/02/26 12:44
Benzo(k)fluoranthene	EPA 8270E	<13.2	U	µg/kg	17.4	1	02/03/26 18:13	02/02/26 12:44
bis(2-Chloroethoxy) methane	EPA 8270E	<55.0	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
bis(2-Chloroethyl) ether	EPA 8270E	<24.6	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
Butyl benzyl phthalate	EPA 8270E	<109	U	µg/kg	174	1	02/03/26 18:13	02/02/26 12:44
Caprolactam	EPA 8270E	<78.4	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
Carbazole	EPA 8270E	<25.6	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
Chrysene	EPA 8270E	<14.0	U	µg/kg	17.4	1	02/03/26 18:13	02/02/26 12:44
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	<71.8	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
Dibenz(a,h) anthracene	EPA 8270E	<9.38	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
Dibenzofuran	EPA 8270E	<12.8	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
Diethyl phthalate	EPA 8270E	<29.5	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
Dimethyl phthalate	EPA 8270E	<16.9	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
Fluoranthene	EPA 8270E	<8.34	U	µg/kg	17.4	1	02/03/26 18:13	02/02/26 12:44
Fluorene	EPA 8270E	<12.6	U	µg/kg	17.4	1	02/03/26 18:13	02/02/26 12:44
Hexachlorobenzene	EPA 8270E	<25.3	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
Hexachlorobutadiene	EPA 8270E	<20.5	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
Hexachlorocyclopentadiene	EPA 8270E	<82.3	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
Hexachloroethane	EPA 8270E	<35.9	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
Indeno(1,2,3-cd) pyrene	EPA 8270E	<12.1	U	µg/kg	17.4	1	02/03/26 18:13	02/02/26 12:44
Isophorone	EPA 8270E	<17.0	U	µg/kg	434	1	02/03/26 18:13	02/02/26 12:44
Methylphenol, Total	EPA 8270E	<23.5	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:44
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB02 (3-4')_20260122 **Lab ID: HN2601093-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<11.1	U	µg/kg	17.4	1	02/03/26 18:13	02/02/26 12:44
Nitrobenzene	EPA 8270E	<29.2	U	µg/kg	434	1	02/03/26 18:13	02/02/26 12:44
n-Nitrosodi-n-propylamine	EPA 8270E	<14.3	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
N-Nitrosodiphenylamine	EPA 8270E	<50.3	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
Pentachlorophenol	EPA 8270E	<69.0	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
Phenanthrene	EPA 8270E	<8.08	U	µg/kg	17.4	1	02/03/26 18:13	02/02/26 12:44
Phenol	EPA 8270E	<43.6	U	µg/kg	86.0	1	02/03/26 18:13	02/02/26 12:44
Pyrene	EPA 8270E	<8.66	U	µg/kg	17.4	1	02/03/26 18:13	02/02/26 12:44
Pyridine	EPA 8270E	<171	U	µg/kg	434	1	02/03/26 18:13	02/02/26 12:44
Surr: 2,4,6-Tribromophenol	*EPA 8270E*	***72.9***		*%REC*	*48-94*	*1*	*02/03/26 18:13*	*02/02/26 12:44*
Surr: 2-Fluorobiphenyl	*EPA 8270E*	***75.2***		*%REC*	*50-103*	*1*	*02/03/26 18:13*	*02/02/26 12:44*
Surr: 2-Fluorophenol	*EPA 8270E*	***79.6***		*%REC*	*43-105*	*1*	*02/03/26 18:13*	*02/02/26 12:44*
Surr: 4-Terphenyl-d14	*EPA 8270E*	***88.7***		*%REC*	*55-111*	*1*	*02/03/26 18:13*	*02/02/26 12:44*
Surr: Nitrobenzene-d5	*EPA 8270E*	***90.5***		*%REC*	*47-100*	*1*	*02/03/26 18:13*	*02/02/26 12:44*
Surr: Phenol-d6	*EPA 8270E*	***80.2***		*%REC*	*49-110*	*1*	*02/03/26 18:13*	*02/02/26 12:44*
Volatile Organic Compounds by GC-MS								
1,1,1-Trichloroethane	EPA 8260D	<18.1	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
1,1,2,2-Tetrachloroethane	EPA 8260D	<17.6	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<25.3	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
1,1,2-Trichloroethane	EPA 8260D	<17.0	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
1,1-Dichloroethane	EPA 8260D	<14.6	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
1,1-Dichloroethylene	EPA 8260D	<12.9	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
1,2,3-Trichlorobenzene	EPA 8260D	<47.9	U	µg/kg	133	1	01/27/26 05:46	01/23/26 13:29
1,2,3-Trichloropropane	EPA 8260D	<16.7	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
1,2,4-Trichlorobenzene	EPA 8260D	<45.3	U	µg/kg	133	1	01/27/26 05:46	01/23/26 13:29
1,2,4-Trimethylbenzene	EPA 8260D	<29.3	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<36.8	U	µg/kg	133	1	01/27/26 05:46	01/23/26 13:29
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<23.5	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<15.1	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:44
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB02 (3-4')_20260122 **Lab ID: HN2601093-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<23.5	U	µg/kg	133	1	01/27/26 05:46	01/23/26 13:29
1,2-Dichloropropane	EPA 8260D	<29.4	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
1,3,5-Trimethylbenzene	EPA 8260D	<28.2	U	µg/kg	133	1	01/27/26 05:46	01/23/26 13:29
1,3-Dichlorobenzene (m-Dichlorobenzene)	EPA 8260D	<27.6	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
1,3-Dichloropropene	EPA 8260D	<22.3	U	µg/kg	79.9	1	01/27/26 05:46	01/23/26 13:29
1,4-Dichlorobenzene (p-Dichlorobenzene)	EPA 8260D	<32.5	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<95.1	U	µg/kg	266	1	01/27/26 05:46	01/23/26 13:29
2-Hexanone	EPA 8260D	<19.8	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<37.2	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Acetone	EPA 8260D	<119	U	µg/kg	133	1	01/27/26 05:46	01/23/26 13:29
Benzene	EPA 8260D	<19.3	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Bromochloromethane	EPA 8260D	<20.3	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Bromodichloromethane	EPA 8260D	<22.4	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Bromoform	EPA 8260D	<16.8	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Carbon disulfide	EPA 8260D	<20.7	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Carbon tetrachloride	EPA 8260D	<15.6	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Chlorobenzene	EPA 8260D	<13.3	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Chlorodibromomethane	EPA 8260D	<22.4	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Chloroethane (Ethyl chloride)	EPA 8260D	<112	U	µg/kg	133	1	01/27/26 05:46	01/23/26 13:29
Chloroform	EPA 8260D	<14.6	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
cis-1,2-Dichloroethylene	EPA 8260D	<25.7	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
cis-1,3-Dichloropropene	EPA 8260D	<30.1	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Cyclohexane	EPA 8260D	<30.6	U	µg/kg	133	1	01/27/26 05:46	01/23/26 13:29
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<48.3	U	µg/kg	133	1	01/27/26 05:46	01/23/26 13:29
Ethylbenzene	EPA 8260D	<28.3	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Isopropylbenzene	EPA 8260D	<25.2	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
m+p-Xylene	EPA 8260D	<53.2	U	µg/kg	79.9	1	01/27/26 05:46	01/23/26 13:29
Methyl acetate	EPA 8260D	<47.8	U	µg/kg	333	1	01/27/26 05:46	01/23/26 13:29
Methyl bromide (Bromomethane)	EPA 8260D	<76.4	U	µg/kg	133	1	01/27/26 05:46	01/23/26 13:29

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:44
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB02 (3-4')_20260122 **Lab ID: HN2601093-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<109	U	µg/kg	133	1	01/27/26 05:46	01/23/26 13:29
Methyl tert-butyl ether (MTBE)	EPA 8260D	<29.1	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Methylcyclohexane	EPA 8260D	<15.2	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Methylene chloride (Dichloromethane)	EPA 8260D	<106	U	µg/kg	333	1	01/27/26 05:46	01/23/26 13:29
o-Xylene	EPA 8260D	<15.4	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Styrene	EPA 8260D	<15.8	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<24.1	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Toluene	EPA 8260D	<32.9	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Total Xylene	EPA 8260D	<15.4	U	µg/kg	120	1	01/27/26 05:46	01/23/26 13:29
trans-1,2-Dichloroethylene	EPA 8260D	<32.9	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
trans-1,3-Dichloropropylene	EPA 8260D	<22.3	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Trichloroethene (Trichloroethylene)	EPA 8260D	<17.9	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<20.4	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Vinyl chloride (Chloroethene)	EPA 8260D	<26.5	U	µg/kg	39.9	1	01/27/26 05:46	01/23/26 13:29
Surr: 1,2-Dichloroethane-d4	*EPA 8260D*	***98.1***		*%REC*	*80-120*	*1*	*01/27/26 05:46*	*01/23/26 13:29*
Surr: 4-Bromofluorobenzene	*EPA 8260D*	***105***		*%REC*	*80-120*	*1*	*01/27/26 05:46*	*01/23/26 13:29*
Surr: Dibromofluoromethane	*EPA 8260D*	***97.2***		*%REC*	*72-120*	*1*	*01/27/26 05:46*	*01/23/26 13:29*
Surr: Toluene-d8	*EPA 8260D*	***99.2***		*%REC*	*80-120*	*1*	*01/27/26 05:46*	*01/23/26 13:29*

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:54
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB03 (5-6')_20260122 **Lab ID: HN2601093-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<2.68	U	µg/kg	14.6	1	01/31/26 17:14	01/30/26 10:25
2,4,5-TP (Silvex)	EPA 8151A	<4.78	U	µg/kg	14.6	1	01/31/26 17:14	01/30/26 10:25
2,4-D	EPA 8151A	<7.78	U	µg/kg	29.1	1	01/31/26 17:14	01/30/26 10:25
Surr: DCAA	*EPA 8151A*	***78.0***		*%REC*	*10-116*	*1*	*01/31/26 17:14*	*01/30/26 10:25*
General Chemistry Parameters								
Percent Moisture	EPA 3550C	**15.7**		%	0.1	1	01/23/26 13:05	NA
Chloride	EPA 9056A	<3.49	U	mg/kg	11.3	1	01/26/26 20:00	01/26/26 14:42
Metals								
Arsenic	EPA 6020B	**8.88**		mg/kg	3.66	10	01/29/26 16:56	01/29/26 09:03
Barium	EPA 6020B	**79.5**		mg/kg	3.66	10	01/29/26 16:56	01/29/26 09:03
Cadmium	EPA 6020B	<0.220	U	mg/kg	1.47	10	01/29/26 16:56	01/29/26 09:03
Chromium	EPA 6020B	**21.3**		mg/kg	3.66	10	01/29/26 16:56	01/29/26 09:03
Copper	EPA 6020B	**22.2**		mg/kg	3.66	10	01/29/26 16:56	01/29/26 09:03
Lead	EPA 6020B	**11.3**		mg/kg	3.66	10	01/29/26 16:56	01/29/26 09:03
Selenium	EPA 6020B	<3.37	U	mg/kg	3.66	10	01/29/26 16:56	01/29/26 09:03
Silver	EPA 6020B	<0.484	U	mg/kg	3.66	10	01/29/26 16:56	01/29/26 09:03
Zinc	EPA 6020B	**58.9**		mg/kg	7.33	10	01/29/26 16:56	01/29/26 09:03
Mercury	EPA 7471B	**0.0699**		mg/kg	0.0200	1	01/30/26 10:34	01/29/26 12:39
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<18.6	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
4,4'-DDE	EPA 8081B	<19.1	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
4,4'-DDT	EPA 8081B	<19.3	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
Aldrin	EPA 8081B	<18.9	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
alpha-BHC	EPA 8081B	<19.1	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
beta-BHC	EPA 8081B	<19.1	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
Chlordane, Technical	EPA 8081B	<28.8	U	µg/kg	72.7	1	01/27/26 19:53	01/23/26 18:51
cis-Chlordane	EPA 8081B	<19.4	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
delta-BHC	EPA 8081B	<19.0	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
Dieldrin	EPA 8081B	<20.3	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:54
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB03 (5-6')_20260122 **Lab ID: HN2601093-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<19.5	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
Endosulfan II	EPA 8081B	<19.3	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
Endosulfan sulfate	EPA 8081B	<17.9	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
Endrin	EPA 8081B	<23.5	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
Endrin aldehyde	EPA 8081B	<18.4	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
Endrin ketone	EPA 8081B	<17.7	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
gamma-BHC (Lindane)	EPA 8081B	<19.1	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
Heptachlor	EPA 8081B	<18.8	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
Heptachlor epoxide	EPA 8081B	<19.2	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
Methoxychlor	EPA 8081B	<19.4	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
Toxaphene	EPA 8081B	<31.4	U	µg/kg	174	1	01/27/26 19:53	01/23/26 18:51
trans-Chlordane	EPA 8081B	<19.3	U	µg/kg	29.1	1	01/27/26 19:53	01/23/26 18:51
Surr: Decachlorobiphenyl	*EPA 8081B*	***88.2***		*%REC*	*53-151*	*1*	*01/27/26 19:53*	*01/23/26 18:51*
Surr: Tetrachloro-m-xylene	*EPA 8081B*	***80.4***		*%REC*	*67-127*	*1*	*01/27/26 19:53*	*01/23/26 18:51*
Polychlorinated Biphenyls (PCBs) by GC/ECD								
Aroclor 1016	EPA 8082A	<66.4	U	µg/kg	194	1	01/27/26 02:05	01/23/26 18:39
Aroclor 1221	EPA 8082A	<66.4	U	µg/kg	194	1	01/27/26 02:05	01/23/26 18:39
Aroclor 1232	EPA 8082A	<66.4	U	µg/kg	194	1	01/27/26 02:05	01/23/26 18:39
Aroclor 1242	EPA 8082A	<66.4	U	µg/kg	194	1	01/27/26 02:05	01/23/26 18:39
Aroclor 1248	EPA 8082A	<66.4	U	µg/kg	194	1	01/27/26 02:05	01/23/26 18:39
Aroclor 1254	EPA 8082A	<54.1	U	µg/kg	194	1	01/27/26 02:05	01/23/26 18:39
Aroclor 1260	EPA 8082A	<54.1	U	µg/kg	194	1	01/27/26 02:05	01/23/26 18:39
Aroclor 1262	EPA 8082A	<54.1	U	µg/kg	194	1	01/27/26 02:05	01/23/26 18:39
Aroclor 1268	EPA 8082A	<54.1	U	µg/kg	194	1	01/27/26 02:05	01/23/26 18:39
Total PCB	EPA 8082A	<54.1	U	µg/kg	194	1	01/27/26 02:05	01/23/26 18:39
Surr: Decachlorobiphenyl	*EPA 8082A*	***116***		*%REC*	*54-146*	*1*	*01/27/26 02:05*	*01/23/26 18:39*
Surr: Tetrachloro-m-xylene	*EPA 8082A*	***95.0***		*%REC*	*58-140*	*1*	*01/27/26 02:05*	*01/23/26 18:39*
Semivolatile Organic Compounds by GC-MS								
1,1'-Biphenyl (BZ-0)	EPA 8270E	<11.3	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<16.0	U	µg/kg	694	1	02/03/26 18:41	02/02/26 12:44

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:54
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB03 (5-6')_20260122 **Lab ID: HN2601093-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<49.8	U	µg/kg	348	1	02/03/26 18:41	02/02/26 12:44
1-Methylnaphthalene	EPA 8270E	<10.0	U	µg/kg	13.9	1	02/03/26 18:41	02/02/26 12:44
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<16.3	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
2,3,4,6-Tetrachlorophenol	EPA 8270E	<50.9	U	µg/kg	139	1	02/03/26 18:41	02/02/26 12:44
2,4,5-Trichlorophenol	EPA 8270E	<41.2	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
2,4,6-Trichlorophenol	EPA 8270E	<18.5	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
2,4-Dichlorophenol	EPA 8270E	<37.4	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
2,4-Dimethylphenol	EPA 8270E	<35.7	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
2,4-Dinitrophenol	EPA 8270E	<508	U	µg/kg	694	1	02/03/26 18:41	02/02/26 12:44
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<45.2	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<17.7	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
2-Chloronaphthalene	EPA 8270E	<9.72	U	µg/kg	13.9	1	02/03/26 18:41	02/02/26 12:44
2-Chlorophenol	EPA 8270E	<45.5	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<58.1	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
2-Methylnaphthalene	EPA 8270E	<7.07	U	µg/kg	13.9	1	02/03/26 18:41	02/02/26 12:44
2-Methylphenol (o-Cresol)	EPA 8270E	<18.8	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
2-Nitroaniline	EPA 8270E	<38.6	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
2-Nitrophenol	EPA 8270E	<19.8	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
3&4-Methylphenol	EPA 8270E	<37.9	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
3,3'-Dichlorobenzidine	EPA 8270E	<32.5	U	µg/kg	348	1	02/03/26 18:41	02/02/26 12:44
3-Nitroaniline	EPA 8270E	<40.4	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<38.1	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
4-Chloro-3-methylphenol	EPA 8270E	<19.8	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
4-Chloroaniline	EPA 8270E	<35.3	U	µg/kg	139	1	02/03/26 18:41	02/02/26 12:44
4-Chlorophenyl phenylether	EPA 8270E	<19.2	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
4-Nitroaniline	EPA 8270E	<108	U	µg/kg	348	1	02/03/26 18:41	02/02/26 12:44
4-Nitrophenol	EPA 8270E	<163	U	µg/kg	694	1	02/03/26 18:41	02/02/26 12:44
Acenaphthene	EPA 8270E	<10.1	U	µg/kg	13.9	1	02/03/26 18:41	02/02/26 12:44

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:54
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB03 (5-6')_20260122 **Lab ID: HN2601093-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<12.1	U	µg/kg	13.9	1	02/03/26 18:41	02/02/26 12:44
Acetophenone	EPA 8270E	<10.9	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
Anthracene	EPA 8270E	<9.80	U	µg/kg	13.9	1	02/03/26 18:41	02/02/26 12:44
Atrazine	EPA 8270E	<40.7	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
Benzaldehyde	EPA 8270E	<107	U	µg/kg	139	1	02/03/26 18:41	02/02/26 12:44
Benzo(a)anthracene	EPA 8270E	**36.1**		µg/kg	13.9	1	02/03/26 18:41	02/02/26 12:44
Benzo(a)pyrene	EPA 8270E	**33.4**		µg/kg	13.9	1	02/03/26 18:41	02/02/26 12:44
Benzo(b)fluoranthene	EPA 8270E	**57.0**		µg/kg	13.9	1	02/03/26 18:41	02/02/26 12:44
Benzo(g,h,i)perylene	EPA 8270E	**23.6**		µg/kg	13.9	1	02/03/26 18:41	02/02/26 12:44
Benzo(k)fluoranthene	EPA 8270E	**52.8**		µg/kg	13.9	1	02/03/26 18:41	02/02/26 12:44
bis(2-Chloroethoxy) methane	EPA 8270E	<44.0	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
bis(2-Chloroethyl) ether	EPA 8270E	<19.7	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
Butyl benzyl phthalate	EPA 8270E	<87.0	U	µg/kg	139	1	02/03/26 18:41	02/02/26 12:44
Caprolactam	EPA 8270E	<62.7	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
Carbazole	EPA 8270E	<20.5	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
Chrysene	EPA 8270E	**27.8**		µg/kg	13.9	1	02/03/26 18:41	02/02/26 12:44
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	<57.5	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
Dibenz(a,h) anthracene	EPA 8270E	<7.51	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
Dibenzofuran	EPA 8270E	<10.2	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
Diethyl phthalate	EPA 8270E	<23.6	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
Dimethyl phthalate	EPA 8270E	<13.6	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
Fluoranthene	EPA 8270E	**72.3**		µg/kg	13.9	1	02/03/26 18:41	02/02/26 12:44
Fluorene	EPA 8270E	<10.1	U	µg/kg	13.9	1	02/03/26 18:41	02/02/26 12:44
Hexachlorobenzene	EPA 8270E	<20.2	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
Hexachlorobutadiene	EPA 8270E	<16.4	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
Hexachlorocyclopentadiene	EPA 8270E	<65.9	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
Hexachloroethane	EPA 8270E	<28.8	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
Indeno(1,2,3-cd) pyrene	EPA 8270E	**29.2**		µg/kg	13.9	1	02/03/26 18:41	02/02/26 12:44
Isophorone	EPA 8270E	<13.6	U	µg/kg	348	1	02/03/26 18:41	02/02/26 12:44
Methylphenol, Total	EPA 8270E	<18.8	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:54
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB03 (5-6')_20260122 **Lab ID: HN2601093-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<8.88	U	µg/kg	13.9	1	02/03/26 18:41	02/02/26 12:44
Nitrobenzene	EPA 8270E	<23.4	U	µg/kg	348	1	02/03/26 18:41	02/02/26 12:44
n-Nitrosodi-n-propylamine	EPA 8270E	<11.5	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
N-Nitrosodiphenylamine	EPA 8270E	<40.3	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
Pentachlorophenol	EPA 8270E	<55.2	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
Phenanthrene	EPA 8270E	**29.2**		µg/kg	13.9	1	02/03/26 18:41	02/02/26 12:44
Phenol	EPA 8270E	<34.9	U	µg/kg	68.8	1	02/03/26 18:41	02/02/26 12:44
Pyrene	EPA 8270E	**66.7**		µg/kg	13.9	1	02/03/26 18:41	02/02/26 12:44
Pyridine	EPA 8270E	<137	U	µg/kg	348	1	02/03/26 18:41	02/02/26 12:44
Surr: 2,4,6-Tribromophenol	*EPA 8270E*	***84.2***		*%REC*	*48-94*	*1*	*02/03/26 18:41*	*02/02/26 12:44*
Surr: 2-Fluorobiphenyl	*EPA 8270E*	***80.4***		*%REC*	*50-103*	*1*	*02/03/26 18:41*	*02/02/26 12:44*
Surr: 2-Fluorophenol	*EPA 8270E*	***84.3***		*%REC*	*43-105*	*1*	*02/03/26 18:41*	*02/02/26 12:44*
Surr: 4-Terphenyl-d14	*EPA 8270E*	***95.5***		*%REC*	*55-111*	*1*	*02/03/26 18:41*	*02/02/26 12:44*
Surr: Nitrobenzene-d5	*EPA 8270E*	***94.6***		*%REC*	*47-100*	*1*	*02/03/26 18:41*	*02/02/26 12:44*
Surr: Phenol-d6	*EPA 8270E*	***86.5***		*%REC*	*49-110*	*1*	*02/03/26 18:41*	*02/02/26 12:44*
Volatile Organic Compounds by GC-MS								
1,1,1-Trichloroethane	EPA 8260D	<19.1	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
1,1,2,2-Tetrachloroethane	EPA 8260D	<18.6	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<26.6	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
1,1,2-Trichloroethane	EPA 8260D	<17.9	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
1,1-Dichloroethane	EPA 8260D	<15.3	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
1,1-Dichloroethylene	EPA 8260D	<13.6	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
1,2,3-Trichlorobenzene	EPA 8260D	<50.4	U	µg/kg	140	1	01/27/26 06:05	01/23/26 13:29
1,2,3-Trichloropropane	EPA 8260D	<17.6	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
1,2,4-Trichlorobenzene	EPA 8260D	<47.6	U	µg/kg	140	1	01/27/26 06:05	01/23/26 13:29
1,2,4-Trimethylbenzene	EPA 8260D	<30.8	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<38.7	U	µg/kg	140	1	01/27/26 06:05	01/23/26 13:29
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<24.7	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<15.9	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:54
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB03 (5-6')_20260122 **Lab ID: HN2601093-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<24.7	U	µg/kg	140	1	01/27/26 06:05	01/23/26 13:29
1,2-Dichloropropane	EPA 8260D	<31.0	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
1,3,5-Trimethylbenzene	EPA 8260D	<29.7	U	µg/kg	140	1	01/27/26 06:05	01/23/26 13:29
1,3-Dichlorobenzene (m-Dichlorobenzene)	EPA 8260D	<29.0	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
1,3-Dichloropropene	EPA 8260D	<23.5	U	µg/kg	84.1	1	01/27/26 06:05	01/23/26 13:29
1,4-Dichlorobenzene (p-Dichlorobenzene)	EPA 8260D	<34.2	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<100	U	µg/kg	280	1	01/27/26 06:05	01/23/26 13:29
2-Hexanone	EPA 8260D	<20.8	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<39.2	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Acetone	EPA 8260D	<125	U	µg/kg	140	1	01/27/26 06:05	01/23/26 13:29
Benzene	EPA 8260D	<20.4	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Bromochloromethane	EPA 8260D	<21.4	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Bromodichloromethane	EPA 8260D	<23.5	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Bromoform	EPA 8260D	<17.7	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Carbon disulfide	EPA 8260D	<21.8	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Carbon tetrachloride	EPA 8260D	<16.4	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Chlorobenzene	EPA 8260D	<14.0	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Chlorodibromomethane	EPA 8260D	<23.6	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Chloroethane (Ethyl chloride)	EPA 8260D	<118	U	µg/kg	140	1	01/27/26 06:05	01/23/26 13:29
Chloroform	EPA 8260D	<15.4	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
cis-1,2-Dichloroethylene	EPA 8260D	<27.0	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
cis-1,3-Dichloropropene	EPA 8260D	<31.7	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Cyclohexane	EPA 8260D	<32.2	U	µg/kg	140	1	01/27/26 06:05	01/23/26 13:29
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<50.9	U	µg/kg	140	1	01/27/26 06:05	01/23/26 13:29
Ethylbenzene	EPA 8260D	<29.8	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Isopropylbenzene	EPA 8260D	<26.6	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
m+p-Xylene	EPA 8260D	<56.0	U	µg/kg	84.1	1	01/27/26 06:05	01/23/26 13:29
Methyl acetate	EPA 8260D	<50.3	U	µg/kg	350	1	01/27/26 06:05	01/23/26 13:29
Methyl bromide (Bromomethane)	EPA 8260D	<80.4	U	µg/kg	140	1	01/27/26 06:05	01/23/26 13:29

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:54
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00

CLIENT ID: 6078 SB03 (5-6')_20260122 **Lab ID: HN2601093-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<115	U	µg/kg	140	1	01/27/26 06:05	01/23/26 13:29
Methyl tert-butyl ether (MTBE)	EPA 8260D	<30.7	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Methylcyclohexane	EPA 8260D	<16.0	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Methylene chloride (Dichloromethane)	EPA 8260D	<112	U	µg/kg	350	1	01/27/26 06:05	01/23/26 13:29
o-Xylene	EPA 8260D	<16.3	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Styrene	EPA 8260D	<16.7	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<25.3	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Toluene	EPA 8260D	<34.6	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Total Xylene	EPA 8260D	<16.3	U	µg/kg	126	1	01/27/26 06:05	01/23/26 13:29
trans-1,2-Dichloroethylene	EPA 8260D	<34.7	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
trans-1,3-Dichloropropylene	EPA 8260D	<23.5	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Trichloroethene (Trichloroethylene)	EPA 8260D	<18.8	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<21.5	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Vinyl chloride (Chloroethene)	EPA 8260D	<27.9	U	µg/kg	42.0	1	01/27/26 06:05	01/23/26 13:29
Surr: 1,2-Dichloroethane-d4	*EPA 8260D*	***98.8***		*%REC*	*80-120*	*1*	*01/27/26 06:05*	*01/23/26 13:29*
Surr: 4-Bromofluorobenzene	*EPA 8260D*	***105***		*%REC*	*80-120*	*1*	*01/27/26 06:05*	*01/23/26 13:29*
Surr: Dibromofluoromethane	*EPA 8260D*	***95.5***		*%REC*	*72-120*	*1*	*01/27/26 06:05*	*01/23/26 13:29*
Surr: Toluene-d8	*EPA 8260D*	***95.4***		*%REC*	*80-120*	*1*	*01/27/26 06:05*	*01/23/26 13:29*

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2435703	**Run ID:**	3854703

Chlorinated Herbicides by GC/ECD

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2435703-002**

Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 01/31/26 13:32
Prep Date: 01/30/26 10:26

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)	35.0	µg/kg	5.00	50		70.0	10-101			
2,4-D	36.0	µg/kg	10.0	50		72.0	10-128			
Surr: DCAA	***43.0***	*µg/kg*		50		86.0	*10-116*			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2435703-005**

Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 01/31/26 13:45
Prep Date: 01/30/26 10:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	76.2	µg/kg	14.7	122.85	<2.26	62.0	10-119			
2,4,5-TP (Silvex)	73.7	µg/kg	14.7	122.85	<4.03	60.0	10-101			
2,4-D	78.6	µg/kg	29.3	122.85	<6.56	64.0	10-128			
Surr: DCAA	***90.9***	*µg/kg*		122.85		74.0	*10-116*			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2435703-006**

Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 01/31/26 13:58
Prep Date: 01/30/26 10:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	70.8	µg/kg	14.6	122.1	<2.25	58.0	10-119	7.28	30	
2,4,5-TP (Silvex)	65.9	µg/kg	14.6	122.1	<4.00	54.0	10-101	11.1	30	
2,4-D	80.6	µg/kg	29.2	122.1	<6.52	66.0	10-128	2.46	30	
Surr: DCAA	***85.5***	*µg/kg*		122.1		70.0	*10-116*	6.17	30	

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-MRG2-2435703001**

Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 01/31/26 13:19
Prep Date: 01/30/26 10:26

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	***44.0***	*µg/kg*		50		88.0	*10-116*			

The following samples were analyzed in this batch: HN2601093-001, HN2601093-002, HN2601093-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2427885	**Run ID:**	3838560

General Chemistry Parameters

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2427885-001**

Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 01/23/26 13:05
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-2427885-002**

Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 01/23/26 13:05
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-2427885-004**

Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 01/23/26 13:05
Prep Date: NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	13.0	%	0.1		12.8			1.54	10	

DUP | **CLIENT ID: Batch QC** | **Lab ID: QC-2427885-015**

Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 01/23/26 13:05
Prep Date: NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	16.3	%	0.1		16.6			2.06	10	

The following samples were analyzed in this batch: HN2601093-001, HN2601093-002, HN2601093-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2429980	**Run ID:**	3842803

General Chemistry Parameters

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2429980-001**

Method: EPA 9056A **Dilution:** 1 **Analysis Date:** 01/26/26 17:42
Prep Date: 01/26/26 14:43

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-2429980-002**

Method: EPA 9056A **Dilution:** 1 **Analysis Date:** 01/26/26 17:50
Prep Date: 01/26/26 14:43

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	97.1	mg/kg	10.0	100		97.1	87-110			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2429980-004**

Method: EPA 9056A **Dilution:** 1 **Analysis Date:** 01/26/26 18:07
Prep Date: 01/26/26 14:43

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	150	mg/kg	10.6	95.602	51.1	108	87-110			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2429980-005**

Method: EPA 9056A **Dilution:** 1 **Analysis Date:** 01/26/26 18:15
Prep Date: 01/26/26 14:43

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	144	mg/kg	10.4	94.162	51.1	104	87-110	3.68	15	

The following samples were analyzed in this batch: HN2601093-001, HN2601093-002, HN2601093-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2433992	**Run ID:**	3849618

Metals

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2433992-001**

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 01/29/26 16:09

Prep Date: 01/29/26 09:04

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-2433992-002**

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 01/29/26 16:11

Prep Date: 01/29/26 09:04

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	4.76	mg/kg	0.250	5		95.3	80-120			
Barium	5.05	mg/kg	0.250	5		101	80-120			
Cadmium	4.96	mg/kg	0.100	5		99.1	80-120			
Chromium	4.77	mg/kg	0.250	5		95.4	80-120			
Copper	4.83	mg/kg	0.250	5		96.7	80-120			
Lead	4.99	mg/kg	0.250	5		99.8	80-120			
Selenium	4.68	mg/kg	0.250	5		93.6	80-120			
Silver	5.12	mg/kg	0.250	5		102	80-120			
Zinc	4.79	mg/kg	0.500	5		95.7	80-120			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2433992-004**

Method: EPA 6020B **Dilution:** 10 **Analysis Date:** 01/29/26 16:17

Prep Date: 01/29/26 09:04

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	12.0	mg/kg	3.19	5.6948	8.57	76.1	75-125			
Barium	59.8	mg/kg	3.19	5	44.3	NC	75-125			O
Cadmium	7.21	mg/kg	1.28	5.6948	0.987	111	75-125			
Chromium	80.9	mg/kg	3.19	5	50.7	NC	75-125			O
Copper	28.3	mg/kg	3.19	5.6948	21.6	158	75-125			S
Lead	96.2	mg/kg	3.19	5	58.4	NC	75-125			O
Selenium	5.34	mg/kg	3.19	5.6948	<2.62	99.8	75-125			
Silver	5.96	mg/kg	3.19	5.6948	<0.376	98.8	75-125			
Zinc	120	mg/kg	6.39	5	90.9	NC	75-125			O

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2433992	**Run ID:**	3849618

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2433992-005**

Method: EPA 6020B **Dilution:** 10 **Analysis Date:** 01/29/26 16:19

Prep Date: 01/29/26 09:04

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	13.6	mg/kg	3.17	5.6561	8.57	106	75-125	12.9	20	
Barium	63.5	mg/kg	3.17	5	44.3	NC	75-125	5.98	20	O
Cadmium	6.11	mg/kg	1.27	5.6561	0.987	92.4	75-125	16.5	20	
Chromium	46.5	mg/kg	3.17	5	50.7	NC	75-125	53.9	20	OR
Copper	26.6	mg/kg	3.17	5.6561	21.6	130	75-125	6.01	20	S
Lead	54.3	mg/kg	3.17	5	58.4	NC	75-125	55.7	20	OR
Selenium	4.90	mg/kg	3.17	5.6561	<2.60	92.7	75-125	8.57	20	
Silver	5.82	mg/kg	3.17	5.6561	<0.373	97.0	75-125	2.38	20	
Zinc	97.7	mg/kg	6.34	5	90.9	NC	75-125	20.4	20	OR

PDS | **CLIENT ID: Batch QC** | **Lab ID: QC-2433992-007**

Method: EPA 6020B **Dilution:** 10 **Analysis Date:** 01/29/26 16:22

Prep Date: 01/29/26 09:04

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	61.7	mg/kg	3.20	57.143	8.57	94.7	75-125			
Barium	95.3	mg/kg	3.20	57.143	44.3	97.8	75-125			
Cadmium	56.7	mg/kg	1.28	57.143	0.987	97.6	75-125			
Chromium	95.0	mg/kg	3.20	57.143	50.7	87.3	75-125			
Copper	71.1	mg/kg	3.20	57.143	21.6	90.6	75-125			
Lead	107	mg/kg	3.20	57.143	58.4	95.4	75-125			
Selenium	54.4	mg/kg	3.20	57.143	<2.63	95.7	75-125			
Silver	47.1	mg/kg	3.20	57.143	<0.377	81.9	75-125			
Zinc	129	mg/kg	6.41	57.143	90.9	83.5	75-125			

The following samples were analyzed in this batch: HN2601093-001, HN2601093-002, HN2601093-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2434159	**Run ID:**	3851276

Metals

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2434159-001**

Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 01/30/26 09:59
Prep Date: 01/29/26 12:40

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-2434159-002**

Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 01/30/26 10:01
Prep Date: 01/29/26 12:40

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.162	mg/kg	0.0200	0.1665		97.6	80-120			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2434159-004**

Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 01/30/26 10:04
Prep Date: 01/29/26 12:40

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.104	mg/kg	0.103	0.12503	0.263	52.5	75-125			S

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2434159-005**

Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 01/30/26 10:06
Prep Date: 01/29/26 12:40

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.146	mg/kg	0.103	0.1255	0.263	86.1	75-125	33.9	35	

The following samples were analyzed in this batch: HN2601093-001, HN2601093-002, HN2601093-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2428536	**Run ID:**	3843934

Organochlorine Pesticides by GC/ECD

MB **CLIENT ID: Method Blank** **Lab ID: QC-2428536-001**

Method: EPA 8081B **Dilution:** 1 **Analysis Date:** 01/27/26 00:37

Prep Date: 01/23/26 18:52

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	***35.8***	*µg/kg*		33.33		107	*53-151*			
Surr: Tetrachloro-m-xylene	***26.3***	*µg/kg*		33.33		78.9	*67-127*			

LCS **CLIENT ID: Laboratory Control Sample** **Lab ID: QC-2428536-002**

Method: EPA 8081B **Dilution:** 1 **Analysis Date:** 01/27/26 00:52

Prep Date: 01/23/26 18:52

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDD	28.0	µg/kg	10.0	33.33		84.1	55-141			
4,4'-DDE	27.5	µg/kg	10.0	33.33		82.5	55-143			
4,4'-DDT	28.8	µg/kg	10.0	33.33		86.3	50-144			
Aldrin	28.4	µg/kg	10.0	33.33		85.2	57-141			
alpha-BHC	27.9	µg/kg	10.0	33.33		83.7	58-144			
beta-BHC	27.7	µg/kg	10.0	33.33		83.1	55-147			
cis-Chlordane	28.0	µg/kg	10.0	33.33		84.0	58-142			
delta-BHC	28.0	µg/kg	10.0	33.33		84.2	59-142			
Dieldrin	27.9	µg/kg	10.0	33.33		83.8	59-142			
Endosulfan I	27.3	µg/kg	10.0	33.33		81.9	57-145			
Endosulfan II	27.9	µg/kg	10.0	33.33		83.8	58-138			
Endosulfan sulfate	28.1	µg/kg	10.0	33.33		84.2	54-136			
Endrin	30.6	µg/kg	10.0	33.33		91.9	45-150			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2428536	**Run ID:**	3843934

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2428536-002**

Method: EPA 8081B **Dilution:** 1 **Analysis Date:** 01/27/26 00:52

Prep Date: 01/23/26 18:52

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Endrin aldehyde	21.5	µg/kg	10.0	33.33		64.6	41-147			
Endrin ketone	29.0	µg/kg	10.0	33.33		86.9	54-146			
gamma-BHC (Lindane)	27.7	µg/kg	10.0	33.33		83.0	58-145			
Heptachlor	34.0	µg/kg	10.0	33.33		102	51-145			
Heptachlor epoxide	28.3	µg/kg	10.0	33.33		85.0	59-143			
Methoxychlor	30.8	µg/kg	10.0	33.33		92.3	43-144			
trans-Chlordane	27.8	µg/kg	10.0	33.33		83.5	56-145			
Surr: Decachlorobiphenyl	***33.4***	*µg/kg*		33.33		100	*51-151*			
Surr: Tetrachloro-m-xylene	***25.6***	*µg/kg*		33.33		76.7	*67-127*			

The following samples were analyzed in this batch: HN2601093-001, HN2601093-002, HN2601093-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:07
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00
QC Lot:	2428536	**Run ID:**	3846260

Organochlorine Pesticides by GC/ECD

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2428536-005**

Method: EPA 8081B **Dilution:** 1 **Analysis Date:** 01/27/26 12:15

Prep Date: 01/23/26 18:52

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDD	47.7	µg/kg	20.5	55.86	<10.7	83.4	55-141			
4,4'-DDE	63.1	µg/kg	20.5	55.86	17.8	87.0	55-143			
4,4'-DDT	61.4	µg/kg	20.5	55.86	<11.1	92.6	50-144			
Aldrin	46.0	µg/kg	20.5	55.86	<10.9	82.4	57-141			
alpha-BHC	44.2	µg/kg	20.5	55.86	<11.0	79.2	58-144			
beta-BHC	45.1	µg/kg	20.5	55.86	<11.0	80.8	55-147			
cis-Chlordane	90.8	µg/kg	20.5	55.86	29.7	119	58-142			
delta-BHC	46.2	µg/kg	20.5	55.86	<11.0	82.7	59-142			
Dieldrin	49.4	µg/kg	20.5	55.86	<11.7	88.5	59-142			
Endosulfan I	49.6	µg/kg	20.5	55.86	<11.3	88.7	57-145			
Endosulfan II	47.0	µg/kg	20.5	55.86	<11.1	84.2	58-138			
Endosulfan sulfate	47.8	µg/kg	20.5	55.86	<10.3	85.6	54-135			
Endrin	52.3	µg/kg	20.5	55.86	<13.6	93.7	45-150			
Endrin aldehyde	55.6	µg/kg	20.5	55.86	<10.6	99.5	41-147			
Endrin ketone	46.9	µg/kg	20.5	55.86	<10.2	84.0	54-146			
gamma-BHC (Lindane)	44.5	µg/kg	20.5	55.86	<11.0	79.7	58-145			
Heptachlor	57.0	µg/kg	20.5	55.86	<10.8	102	51-145			
Heptachlor epoxide	54.7	µg/kg	20.5	55.86	<11.1	86.1	59-143			
Methoxychlor	54.5	µg/kg	20.5	55.86	<11.2	97.5	43-144			
trans-Chlordane	68.1	µg/kg	20.5	55.86	24.6	85.9	56-145			
Surr: Decachlorobiphenyl	***44.6***	*µg/kg*		55.86		79.8	*53-151*			
Surr: Tetrachloro-m-xylene	***37.8***	*µg/kg*		55.86		67.7	*67-127*			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2428536-006**

Method: EPA 8081B **Dilution:** 1 **Analysis Date:** 01/27/26 12:30

Prep Date: 01/23/26 18:52

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDD	53.0	µg/kg	20.5	55.86	<10.7	92.8	55-141	10.4	20	
4,4'-DDE	67.0	µg/kg	20.5	55.86	17.8	94.0	55-143	6.01	20	
4,4'-DDT	70.9	µg/kg	20.5	55.86	<11.1	110	50-144	14.4	20	
Aldrin	52.5	µg/kg	20.5	55.86	<10.9	93.9	57-141	13.0	20	
alpha-BHC	51.1	µg/kg	20.5	55.86	<11.0	91.4	58-144	14.4	20	
beta-BHC	51.5	µg/kg	20.5	55.86	<11.0	92.2	55-147	13.2	20	
cis-Chlordane	110	µg/kg	20.5	55.86	29.7	153	58-142	19.2	20	S
delta-BHC	53.6	µg/kg	20.5	55.86	<11.0	96.0	59-142	14.8	20	
Dieldrin	55.2	µg/kg	20.5	55.86	<11.7	98.8	59-142	11.1	20	
Endosulfan I	56.8	µg/kg	20.5	55.86	<11.3	102	57-145	13.6	20	
Endosulfan II	53.5	µg/kg	20.5	55.86	<11.1	95.8	58-138	12.8	20	
Endosulfan sulfate	54.6	µg/kg	20.5	55.86	<10.3	97.7	54-135	13.2	20	
Endrin	59.1	µg/kg	20.5	55.86	<13.6	106	45-150	12.1	20	
Endrin aldehyde	61.8	µg/kg	20.5	55.86	<10.6	111	41-147	10.6	20	
Endrin ketone	53.7	µg/kg	20.5	55.86	<10.2	96.2	54-146	13.6	20	

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	01/22/26 14:07
Matrix:	SOIL/SOLID	**Date Received:**	01/23/26 06:00
QC Lot:	2428536	**Run ID:**	3846260

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2428536-006**

Method: EPA 8081B **Dilution:** 1 **Analysis Date:** 01/27/26 12:30

Prep Date: 01/23/26 18:52

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
gamma-BHC (Lindane)	50.6	µg/kg	20.5	55.86	<11.0	90.6	58-145	12.8	20	
Heptachlor	63.9	µg/kg	20.5	55.86	<10.8	114	51-145	11.6	20	
Heptachlor epoxide	63.5	µg/kg	20.5	55.86	<11.1	102	59-143	14.8	20	
Methoxychlor	63.6	µg/kg	20.5	55.86	<11.2	114	43-144	15.5	20	
trans-Chlordane	85.8	µg/kg	20.5	55.86	24.6	118	56-145	23.1	20	R
Surr: Decachlorobiphenyl	***49.6***	*µg/kg*		55.86		88.8	*53-151*	10.7	30	
Surr: Tetrachloro-m-xylene	***42.3***	*µg/kg*		55.86		75.7	*67-127*	11.2	30	

The following samples were analyzed in this batch: HN2601093-001, HN2601093-002, HN2601093-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2428534	**Run ID:**	3844223

Polychlorinated Biphenyls (PCBs) by GC/ECD

MB **CLIENT ID: Method Blank** **Lab ID: QC-2428534-001**

Method: EPA 8082A **Dilution:** 1 **Analysis Date:** 01/26/26 20:00

Prep Date: 01/23/26 18:40

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	***37.1***	*µg/kg*		33.3		111	*54-146*			
Surr: Tetrachloro-m-xylene	***31.7***	*µg/kg*		33.3		95.3	*58-140*			

LCS **CLIENT ID: Laboratory Control Sample** **Lab ID: QC-2428534-002**

Method: EPA 8082A **Dilution:** 1 **Analysis Date:** 01/26/26 20:12

Prep Date: 01/23/26 18:40

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	816	µg/kg	66.7	833		97.9	71-135			
Aroclor 1260	699	µg/kg	66.7	833		83.9	67-135			
Surr: Decachlorobiphenyl	***35.0***	*µg/kg*		33.3		105	*54-146*			
Surr: Tetrachloro-m-xylene	***31.8***	*µg/kg*		33.3		95.3	*58-140*			

MS **CLIENT ID: Batch QC** **Lab ID: QC-2428534-005**

Method: EPA 8082A **Dilution:** 1 **Analysis Date:** 01/26/26 21:22

Prep Date: 01/23/26 18:40

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	1620	µg/kg	137	1400.8	<38.4	116	71-135			
Aroclor 1260	1290	µg/kg	137	1400.8	<31.3	91.9	67-135			
Surr: Decachlorobiphenyl	***62.9***	*µg/kg*		55.998		112	*54-146*			
Surr: Tetrachloro-m-xylene	***55.1***	*µg/kg*		55.998		98.4	*58-140*			

MSD **CLIENT ID: Batch QC** **Lab ID: QC-2428534-006**

Method: EPA 8082A **Dilution:** 1 **Analysis Date:** 01/26/26 21:34

Prep Date: 01/23/26 18:40

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	1380	µg/kg	136	1388.3	<38.1	99.7	71-135	15.6	20	
Aroclor 1260	1210	µg/kg	136	1388.3	<31.0	87.2	67-135	6.12	20	
Surr: Decachlorobiphenyl	***59.4***	*µg/kg*		55.5		107	*54-146*	5.73	30	
Surr: Tetrachloro-m-xylene	***48.7***	*µg/kg*		55.5		87.8	*58-140*	12.3	30	

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2428534	**Run ID:**	3844223

The following samples were analyzed in this batch: HN2601093-001, HN2601093-002, HN2601093-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2432496	**Run ID:**	3852205

Semivolatile Organic Compounds by GC-MS

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2432496-001**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/29/26 14:47

Prep Date: 01/28/26 08:03

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

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2432496	**Run ID:**	3852205

MB **CLIENT ID: Method Blank** **Lab ID: QC-2432496-001**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/29/26 14:47

Prep Date: 01/28/26 08:03

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	***1820***	*µg/kg*		3333		54.7	*48-94*			
Surr: 2-Fluorobiphenyl	***1580***	*µg/kg*		3333		47.5	*50-103*			S
Surr: 2-Fluorophenol	***1600***	*µg/kg*		3333		48.1	*43-105*			
Surr: 4-Terphenyl-d14	***2580***	*µg/kg*		3333		77.3	*55-111*			
Surr: Nitrobenzene-d5	***1750***	*µg/kg*		3333		52.5	*47-100*			
Surr: Phenol-d6	***1680***	*µg/kg*		3333		50.5	*49-110*			

LCS **CLIENT ID: Laboratory Control Sample** **Lab ID: QC-2432496-002**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/29/26 15:15

Prep Date: 01/28/26 08:03

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Surr: 2,4,6-Tribromophenol	***2230***	*µg/kg*		3333		67.0	*48-94*			
Surr: 2-Fluorobiphenyl	***1950***	*µg/kg*		3333		58.5	*50-103*			
Surr: 2-Fluorophenol	***1990***	*µg/kg*		3333		59.7	*43-105*			
Surr: 4-Terphenyl-d14	***2680***	*µg/kg*		3333		80.4	*55-111*			
Surr: Nitrobenzene-d5	***2290***	*µg/kg*		3333		68.8	*47-100*			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2432496	**Run ID:**	3852205

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2432496-002**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/29/26 15:15

Prep Date: 01/28/26 08:03

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Surr: Phenol-d6	***2130***	*µg/kg*		3333		63.8	*49-110*			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2432496-005**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/29/26 15:43

Prep Date: 01/28/26 08:03

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	2420	µg/kg	93.2	3153.3	<12.8	76.7	57-101			
1,2,4,5-Tetrachlorobenzene	2320	µg/kg	940	3153.3	<18.2	73.6	54-98			
1-Methylnaphthalene	2370	µg/kg	18.8	3153.3	<11.4	75.2	56-100			
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	2380	µg/kg	93.2	3153.3	<18.5	75.5	50-101			
2,3,4,6-Tetrachlorophenol	2350	µg/kg	188	3153.3	<57.7	74.4	48-103			
2,4,5-Trichlorophenol	2120	µg/kg	93.2	3153.3	<46.7	67.2	54-98			
2,4,6-Trichlorophenol	1960	µg/kg	93.2	3153.3	<21.0	62.2	56-97			
2,4-Dichlorophenol	2170	µg/kg	93.2	3153.3	<42.4	68.9	54-99			
2,4-Dimethylphenol	1580	µg/kg	93.2	3153.3	<40.5	50.0	47-102			
2,4-Dinitrophenol	<576	µg/kg	940	3153.3	<576	12.3	10-100			U
2,4-Dinitrotoluene (2,4-DNT)	2190	µg/kg	93.2	3153.3	<51.2	69.4	62-105			
2,6-Dinitrotoluene (2,6-DNT)	2280	µg/kg	93.2	3153.3	<20.1	72.4	62-103			
2-Chloronaphthalene	1980	µg/kg	18.8	3153.3	<11.0	62.8	57-101			
2-Chlorophenol	2120	µg/kg	93.2	3153.3	<51.6	67.3	52-102			
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	1710	µg/kg	93.2	3153.3	<65.9	54.2	42-104			
2-Methylnaphthalene	2340	µg/kg	18.8	3153.3	<8.02	74.2	55-102			
2-Methylphenol (o-Cresol)	1910	µg/kg	93.2	3153.3	<21.3	60.7	54-103			
2-Nitroaniline	1880	µg/kg	93.2	3153.3	<43.8	59.6	57-103			
2-Nitrophenol	2330	µg/kg	93.2	3153.3	<22.5	73.9	52-102			
3&4-Methylphenol	2000	µg/kg	93.2	3153.3	<43.0	63.4	56-103			
3,3'-Dichlorobenzidine	1160	µg/kg	471	3153.3	<36.8	36.7	41-91			S
3-Nitroaniline	1730	µg/kg	93.2	3153.3	<45.8	54.8	35-107			
4-Bromophenyl phenyl ether (BDE-3)	2310	µg/kg	93.2	3153.3	<43.2	73.4	63-104			
4-Chloro-3-methylphenol	2200	µg/kg	93.2	3153.3	<22.5	69.9	57-103			
4-Chloroaniline	2270	µg/kg	188	3153.3	<40.1	71.9	32-99			
4-Chlorophenyl phenylether	2200	µg/kg	93.2	3153.3	<21.8	69.7	62-100			
4-Nitroaniline	1260	µg/kg	471	3153.3	<122	40.1	19-124			
4-Nitrophenol	1970	µg/kg	940	3153.3	<185	62.5	44-106			
Acenaphthene	2170	µg/kg	18.8	3153.3	<11.4	69.0	60-101			
Acenaphthylene	2190	µg/kg	18.8	3153.3	<13.7	69.5	59-101			
Acetophenone	2290	µg/kg	93.2	3153.3	<12.3	72.5	54-102			
Anthracene	2310	µg/kg	18.8	3153.3	<11.1	73.2	63-96			
Atrazine	2640	µg/kg	93.2	3153.3	<46.2	83.8	60-110			
Benzaldehyde	1080	µg/kg	188	3153.3	<121	34.3	10-143			
Benzo(a)anthracene	2270	µg/kg	18.8	3153.3	<13.6	72.1	66-102			
Benzo(a)pyrene	2400	µg/kg	18.8	3153.3	<9.68	76.1	66-105			
Benzo(b)fluoranthene	2110	µg/kg	18.8	3153.3	<11.8	66.9	67-105			S

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2432496	**Run ID:**	3852205

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2432496-005**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/29/26 15:43

Prep Date: 01/28/26 08:03

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Benzo(g,h,i)perylene	2460	µg/kg	18.8	3153.3	<12.1	77.9	59-110			
Benzo(k)fluoranthene	2370	µg/kg	18.8	3153.3	<11.9	75.2	68-106			
bis(2-Chloroethoxy)methane	2380	µg/kg	93.2	3153.3	<49.9	75.5	54-102			
bis(2-Chloroethyl) ether	2350	µg/kg	93.2	3153.3	<22.3	74.4	51-101			
Butyl benzyl phthalate	2560	µg/kg	188	3153.3	<98.7	81.1	59-107			
Caprolactam	2040	µg/kg	93.2	3153.3	<71.2	64.6	49-103			
Carbazole	2300	µg/kg	93.2	3153.3	<23.2	72.8	63-103			
Chrysene	2660	µg/kg	18.8	3153.3	<13.5	84.4	66-105			
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	2670	µg/kg	93.2	3153.3	<65.2	84.6	63-101			
Dibenz(a,h) anthracene	2340	µg/kg	93.2	3153.3	<8.52	74.2	61-109			
Dibenzofuran	2190	µg/kg	93.2	3153.3	<11.6	69.5	61-101			
Diethyl phthalate	2310	µg/kg	93.2	3153.3	<26.8	73.3	63-105			
Dimethyl phthalate	2260	µg/kg	93.2	3153.3	<15.4	71.5	64-104			
Fluoranthene	2300	µg/kg	18.8	3153.3	<7.57	72.9	66-105			
Fluorene	2140	µg/kg	18.8	3153.3	<11.4	67.9	62-101			
Hexachlorobenzene	2290	µg/kg	93.2	3153.3	<22.9	72.5	61-104			
Hexachlorobutadiene	2300	µg/kg	93.2	3153.3	<18.6	72.8	52-99			
Hexachlorocyclopentadiene	2100	µg/kg	93.2	3153.3	<77.1	66.6	39-106			
Hexachloroethane	2170	µg/kg	93.2	3153.3	<32.6	68.9	59-99			
Indeno(1,2,3-cd) pyrene	2490	µg/kg	18.8	3153.3	<11.0	78.8	57-114			
Isophorone	2420	µg/kg	471	3153.3	<15.4	76.6	55-101			
Methylphenol, Total	3910	µg/kg	93.2	6308.9	<21.3	62.0	54-103			
Naphthalene	2240	µg/kg	18.8	3153.3	<10.1	71.0	54-99			
Nitrobenzene	2340	µg/kg	471	3153.3	<26.5	74.3	53-100			
n-Nitrosodi-n-propylamine	2320	µg/kg	93.2	3153.3	<13.0	73.6	52-104			
N-Nitrosodiphenylamine	2110	µg/kg	93.2	3153.3	<45.7	67.0	61-104			
Pentachlorophenol	2070	µg/kg	93.2	3153.3	<62.6	65.7	35-100			
Phenanthrene	2180	µg/kg	18.8	3153.3	<7.33	69.1	64-101			
Phenol	2350	µg/kg	93.2	3153.3	<39.6	74.4	51-107			
Pyrene	2700	µg/kg	18.8	3153.3	<7.87	85.7	52-114			
Pyridine	1640	µg/kg	471	3153.3	<155	52.0	40-84			
Surr: 2,4,6-Tribromophenol	***5500***	*µg/kg*		7884.4		69.8	*48-94*			
Surr: 2-Fluorobiphenyl	***5330***	*µg/kg*		7884.4		67.6	*50-103*			
Surr: 2-Fluorophenol	***5280***	*µg/kg*		7884.4		67.0	*43-105*			
Surr: 4-Terphenyl-d14	***6410***	*µg/kg*		7884.4		81.3	*55-111*			
Surr: Nitrobenzene-d5	***6540***	*µg/kg*		7884.4		82.9	*47-100*			
Surr: Phenol-d6	***5700***	*µg/kg*		7884.4		72.3	*49-110*			

The following samples were analyzed in this batch:

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2432496	**Run ID:**	3854748

Semivolatile Organic Compounds by GC-MS

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2432496-002**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/30/26 18:06

Prep Date: 01/28/26 08:03

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	830	µg/kg	33.0	1333		62.3	57-101			
1,2,4,5-Tetrachlorobenzene	863	µg/kg	333	1333		64.7	54-98			
1-Methylnaphthalene	813	µg/kg	6.67	1333		61.0	56-100			
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	748	µg/kg	33.0	1333		56.1	50-101			
2,3,4,6-Tetrachlorophenol	1020	µg/kg	67.0	1333		76.2	48-103			
2,4,5-Trichlorophenol	784	µg/kg	33.0	1333		58.8	54-98			
2,4,6-Trichlorophenol	700	µg/kg	33.0	1333		52.5	56-97			S
2,4-Dichlorophenol	775	µg/kg	33.0	1333		58.2	54-99			
2,4-Dimethylphenol	677	µg/kg	33.0	1333		50.8	47-102			
2,4-Dinitrophenol	540	µg/kg	333	1333		40.5	10-100			
2,4-Dinitrotoluene (2,4-DNT)	917	µg/kg	33.0	1333		68.8	62-105			
2,6-Dinitrotoluene (2,6-DNT)	837	µg/kg	33.0	1333		62.8	62-103			
2-Chloronaphthalene	755	µg/kg	6.67	1333		56.7	57-101			S
2-Chlorophenol	735	µg/kg	33.0	1333		55.1	52-102			
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	817	µg/kg	33.0	1333		61.3	42-104			
2-Methylnaphthalene	793	µg/kg	6.67	1333		59.5	55-102			
2-Methylphenol (o-Cresol)	735	µg/kg	33.0	1333		55.1	54-103			
2-Nitroaniline	763	µg/kg	33.0	1333		57.2	57-103			
2-Nitrophenol	823	µg/kg	33.0	1333		61.8	52-102			
3&4-Methylphenol	753	µg/kg	33.0	1333		56.5	56-103			
3,3'-Dichlorobenzidine	637	µg/kg	167	1333		47.8	41-91			
3-Nitroaniline	727	µg/kg	33.0	1333		54.5	35-107			
4-Bromophenyl phenyl ether (BDE-3)	887	µg/kg	33.0	1333		66.6	63-104			
4-Chloro-3-methylphenol	851	µg/kg	33.0	1333		63.9	57-103			
4-Chloroaniline	945	µg/kg	67.0	1333		70.9	32-99			
4-Chlorophenyl phenylether	803	µg/kg	33.0	1333		60.2	62-100			S
4-Nitroaniline	541	µg/kg	167	1333		40.6	19-124			
4-Nitrophenol	716	µg/kg	333	1333		53.7	44-106			
Acenaphthene	777	µg/kg	6.67	1333		58.3	60-101			S
Acenaphthylene	783	µg/kg	6.67	1333		58.8	59-101			S
Acetophenone	759	µg/kg	33.0	1333		57.0	54-102			
Anthracene	878	µg/kg	6.67	1333		65.9	63-96			
Atrazine	947	µg/kg	33.0	1333		71.1	60-110			
Benzaldehyde	202	µg/kg	67.0	1333		15.2	10-143			
Benzo(a)anthracene	954	µg/kg	6.67	1333		71.6	66-102			
Benzo(a)pyrene	947	µg/kg	6.67	1333		71.1	66-105			
Benzo(b)fluoranthene	973	µg/kg	6.67	1333		73.0	67-105			
Benzo(g,h,i)perylene	991	µg/kg	6.67	1333		74.3	59-110			
Benzo(k)fluoranthene	919	µg/kg	6.67	1333		68.9	68-106			
bis(2-Chloroethoxy)methane	748	µg/kg	33.0	1333		56.1	54-102			
bis(2-Chloroethyl) ether	591	µg/kg	33.0	1333		44.4	51-101			S
Butyl benzyl phthalate	853	µg/kg	67.0	1333		64.0	59-107			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2432496	**Run ID:**	3854748

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2432496-002**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/30/26 18:06

Prep Date: 01/28/26 08:03

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Caprolactam	887	µg/kg	33.0	1333		66.5	49-103			
Carbazole	952	µg/kg	33.0	1333		71.4	63-103			
Chrysene	987	µg/kg	6.67	1333		74.0	66-105			
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	907	µg/kg	33.0	1333		68.0	63-101			
Dibenz(a,h) anthracene	1020	µg/kg	33.0	1333		76.7	61-109			
Dibenzofuran	775	µg/kg	33.0	1333		58.1	61-101			S
Diethyl phthalate	882	µg/kg	33.0	1333		66.2	63-105			
Dimethyl phthalate	832	µg/kg	33.0	1333		62.4	64-104			S
Fluoranthene	989	µg/kg	6.67	1333		74.2	66-105			
Fluorene	843	µg/kg	6.67	1333		63.2	62-101			
Hexachlorobenzene	991	µg/kg	33.0	1333		74.3	61-104			
Hexachlorobutadiene	799	µg/kg	33.0	1333		59.9	52-99			
Hexachlorocyclopentadiene	608	µg/kg	33.0	1333		45.6	39-106			
Hexachloroethane	729	µg/kg	33.0	1333		54.7	59-99			S
Indeno(1,2,3-cd) pyrene	1050	µg/kg	6.67	1333		78.5	57-114			
Isophorone	749	µg/kg	167	1333		56.2	55-101			
Methylphenol, Total	1490	µg/kg	67.0	2667		55.8	54-103			
Naphthalene	785	µg/kg	6.67	1333		58.9	54-99			
Nitrobenzene	734	µg/kg	167	1333		55.1	53-100			
n-Nitrosodi-n-propylamine	747	µg/kg	33.0	1333		56.0	52-104			
N-Nitrosodiphenylamine	839	µg/kg	33.0	1333		63.0	61-104			
Pentachlorophenol	652	µg/kg	33.0	1333		48.9	35-100			
Phenanthrene	931	µg/kg	6.67	1333		69.8	64-101			
Phenol	653	µg/kg	33.0	1333		49.0	51-107			S
Pyrene	910	µg/kg	6.67	1333		68.3	62-114			
Pyridine	566	µg/kg	167	1333		42.5	40-84			

The following samples were analyzed in this batch:

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2438063	**Run ID:**	3860351

Semivolatile Organic Compounds by GC-MS

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2438063-001**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 02/03/26 11:08

Prep Date: 02/02/26 12:45

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

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2438063	**Run ID:**	3860351

MB **CLIENT ID: Method Blank** **Lab ID: QC-2438063-001**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 02/03/26 11:08

Prep Date: 02/02/26 12:45

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	***2710***	*µg/kg*		3333		81.3	*48-94*			
Surr: 2-Fluorobiphenyl	***2640***	*µg/kg*		3333		79.1	*50-103*			
Surr: 2-Fluorophenol	***2780***	*µg/kg*		3333		83.5	*43-105*			
Surr: 4-Terphenyl-d14	***3160***	*µg/kg*		3333		94.8	*55-111*			
Surr: Nitrobenzene-d5	***3160***	*µg/kg*		3333		94.9	*47-100*			
Surr: Phenol-d6	***2830***	*µg/kg*		3333		85.0	*49-110*			

LCS **CLIENT ID: Laboratory Control Sample** **Lab ID: QC-2438063-002**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 02/03/26 11:36

Prep Date: 02/02/26 12:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	1180	µg/kg	33.0	1333		88.9	57-101			
1,2,4,5-Tetrachlorobenzene	1160	µg/kg	333	1333		87.4	54-98			
1-Methylnaphthalene	1150	µg/kg	6.67	1333		86.6	56-100			
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1180	µg/kg	33.0	1333		88.4	50-101			
2,3,4,6-Tetrachlorophenol	1180	µg/kg	67.0	1333		88.8	48-103			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2438063	**Run ID:**	3860351

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2438063-002**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 02/03/26 11:36

Prep Date: 02/02/26 12:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	1070	µg/kg	33.0	1333		80.5	54-98			
2,4,6-Trichlorophenol	1040	µg/kg	33.0	1333		78.0	56-97			
2,4-Dichlorophenol	1130	µg/kg	33.0	1333		84.8	54-99			
2,4-Dimethylphenol	1010	µg/kg	33.0	1333		76.1	47-102			
2,4-Dinitrophenol	711	µg/kg	333	1333		53.4	10-100			
2,4-Dinitrotoluene (2,4-DNT)	1070	µg/kg	33.0	1333		80.6	62-105			
2,6-Dinitrotoluene (2,6-DNT)	1130	µg/kg	33.0	1333		84.4	62-103			
2-Chloronaphthalene	989	µg/kg	6.67	1333		74.2	57-101			
2-Chlorophenol	1060	µg/kg	33.0	1333		79.9	52-102			
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	979	µg/kg	33.0	1333		73.4	42-104			
2-Methylnaphthalene	1140	µg/kg	6.67	1333		85.7	55-102			
2-Methylphenol (o-Cresol)	1060	µg/kg	33.0	1333		79.8	54-103			
2-Nitroaniline	923	µg/kg	33.0	1333		69.3	57-103			
2-Nitrophenol	1140	µg/kg	33.0	1333		85.8	52-102			
3&4-Methylphenol	1040	µg/kg	33.0	1333		78.4	56-103			
3,3'-Dichlorobenzidine	752	µg/kg	167	1333		56.4	41-91			
3-Nitroaniline	729	µg/kg	33.0	1333		54.7	35-107			
4-Bromophenyl phenyl ether (BDE-3)	1160	µg/kg	33.0	1333		87.0	63-104			
4-Chloro-3-methylphenol	1150	µg/kg	33.0	1333		86.2	57-103			
4-Chloroaniline	1170	µg/kg	67.0	1333		87.7	32-99			
4-Chlorophenyl phenylether	1110	µg/kg	33.0	1333		83.6	62-100			
4-Nitroaniline	483	µg/kg	167	1333		36.3	19-124			
4-Nitrophenol	1160	µg/kg	333	1333		86.8	44-106			
Acenaphthene	1070	µg/kg	6.67	1333		80.5	60-101			
Acenaphthylene	1090	µg/kg	6.67	1333		81.6	59-101			
Acetophenone	1070	µg/kg	33.0	1333		80.6	54-102			
Anthracene	1130	µg/kg	6.67	1333		84.9	63-96			
Atrazine	1320	µg/kg	33.0	1333		99.1	60-110			
Benzaldehyde	211	µg/kg	67.0	1333		15.8	10-143			
Benzo(a)anthracene	1120	µg/kg	6.67	1333		84.1	66-102			
Benzo(a)pyrene	1180	µg/kg	6.67	1333		88.8	66-105			
Benzo(b)fluoranthene	1000	µg/kg	6.67	1333		75.4	67-105			
Benzo(g,h,i)perylene	1220	µg/kg	6.67	1333		91.4	59-110			
Benzo(k)fluoranthene	1160	µg/kg	6.67	1333		87.2	68-106			
bis(2-Chloroethoxy)methane	1180	µg/kg	33.0	1333		88.4	54-102			
bis(2-Chloroethyl) ether	1130	µg/kg	33.0	1333		84.8	51-101			
Butyl benzyl phthalate	1260	µg/kg	67.0	1333		94.3	59-107			
Caprolactam	993	µg/kg	33.0	1333		74.5	49-103			
Carbazole	1110	µg/kg	33.0	1333		83.5	63-103			
Chrysene	1310	µg/kg	6.67	1333		98.1	66-105			
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	1320	µg/kg	33.0	1333		99.2	63-101			
Dibenz(a,h) anthracene	1190	µg/kg	33.0	1333		89.2	61-109			
Dibenzofuran	1080	µg/kg	33.0	1333		81.2	61-101			
Diethyl phthalate	1130	µg/kg	33.0	1333		85.0	63-105			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2438063	**Run ID:**	3860351

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2438063-002**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 02/03/26 11:36

Prep Date: 02/02/26 12:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Dimethyl phthalate	1110	µg/kg	33.0	1333		83.4	64-104			
Fluoranthene	1150	µg/kg	6.67	1333		86.1	66-105			
Fluorene	1060	µg/kg	6.67	1333		79.5	62-101			
Hexachlorobenzene	1150	µg/kg	33.0	1333		86.6	61-104			
Hexachlorobutadiene	1180	µg/kg	33.0	1333		88.7	52-99			
Hexachlorocyclopentadiene	1030	µg/kg	33.0	1333		76.9	39-106			
Hexachloroethane	1040	µg/kg	33.0	1333		78.0	59-99			
Indeno(1,2,3-cd) pyrene	1230	µg/kg	6.67	1333		92.6	57-114			
Isophorone	1160	µg/kg	167	1333		86.7	55-101			
Methylphenol, Total	2110	µg/kg	67.0	2667		79.0	54-103			
Naphthalene	1110	µg/kg	6.67	1333		82.9	54-99			
Nitrobenzene	1160	µg/kg	167	1333		86.7	53-100			
n-Nitrosodi-n-propylamine	1080	µg/kg	33.0	1333		81.1	52-104			
N-Nitrosodiphenylamine	1110	µg/kg	33.0	1333		83.3	61-104			
Pentachlorophenol	960	µg/kg	33.0	1333		72.0	35-100			
Phenanthrene	1070	µg/kg	6.67	1333		79.9	64-101			
Phenol	1170	µg/kg	33.0	1333		87.5	51-107			
Pyrene	1290	µg/kg	6.67	1333		96.9	62-114			
Pyridine	822	µg/kg	167	1333		61.7	40-84			
Surr: 2,4,6-Tribromophenol	***2820***	*µg/kg*		3333		84.6	*48-94*			
Surr: 2-Fluorobiphenyl	***2620***	*µg/kg*		3333		78.6	*50-103*			
Surr: 2-Fluorophenol	***2690***	*µg/kg*		3333		80.6	*43-105*			
Surr: 4-Terphenyl-d14	***3000***	*µg/kg*		3333		89.9	*55-111*			
Surr: Nitrobenzene-d5	***3250***	*µg/kg*		3333		97.5	*47-100*			
Surr: Phenol-d6	***2850***	*µg/kg*		3333		85.6	*49-110*			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2438063-005**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 02/03/26 12:04

Prep Date: 02/02/26 12:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1170	µg/kg	36.7	1306.9	<7.81	89.3	50-101			
2,4,5-Trichlorophenol	1060	µg/kg	36.7	1306.9	<19.8	81.4	54-98			
2,4,6-Trichlorophenol	1020	µg/kg	36.7	1306.9	<8.87	78.0	56-97			
2,4-Dichlorophenol	1120	µg/kg	36.7	1306.9	<17.9	86.0	54-99			
2,4-Dimethylphenol	863	µg/kg	36.7	1306.9	<17.1	66.1	47-102			
2,4-Dinitrophenol	<244	µg/kg	371	1306.9	<244	27.0	10-100			U
2,4-Dinitrotoluene (2,4-DNT)	1040	µg/kg	36.7	1306.9	<21.6	79.9	62-105			
2,6-Dinitrotoluene (2,6-DNT)	1120	µg/kg	36.7	1306.9	<8.51	85.4	62-103			
2-Chloronaphthalene	981	µg/kg	7.42	1306.9	<4.66	75.1	57-101			
2-Chlorophenol	1050	µg/kg	36.7	1306.9	<21.8	80.2	52-102			
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	875	µg/kg	36.7	1306.9	<27.8	66.9	42-104			
2-Methylnaphthalene	1140	µg/kg	7.42	1306.9	<3.39	87.0	55-102			
2-Methylphenol (o-Cresol)	1020	µg/kg	36.7	1306.9	<9.01	77.9	54-103			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2438063	**Run ID:**	3860351

MS	**CLIENT ID: Batch QC**	**Lab ID: QC-2438063-005**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 02/03/26 12:04

Prep Date: 02/02/26 12:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2-Nitroaniline	910	µg/kg	36.7	1306.9	<18.5	69.7	57-103			
2-Nitrophenol	1160	µg/kg	36.7	1306.9	<9.50	88.6	52-102			
3&4-Methylphenol	1020	µg/kg	36.7	1306.9	<18.2	77.9	56-103			
3,3'-Dichlorobenzidine	713	µg/kg	186	1306.9	<15.6	54.6	41-91			
3-Nitroaniline	650	µg/kg	36.7	1306.9	<19.4	49.8	35-107			
4-Bromophenyl phenyl ether (BDE-3)	1170	µg/kg	36.7	1306.9	<18.3	89.2	63-104			
4-Chloro-3-methylphenol	1130	µg/kg	36.7	1306.9	<9.50	86.8	57-103			
4-Chloroaniline	1130	µg/kg	74.2	1306.9	<16.9	86.5	32-99			
4-Chlorophenyl phenylether	1090	µg/kg	36.7	1306.9	<9.21	83.7	62-100			
4-Nitroaniline	313	µg/kg	186	1306.9	<51.7	24.0	19-124			
4-Nitrophenol	1140	µg/kg	371	1306.9	<78.1	86.9	44-106			
Acenaphthene	1050	µg/kg	7.42	1306.9	<4.82	80.3	60-101			
Acenaphthylene	1070	µg/kg	7.42	1306.9	<5.78	81.6	59-101			
Anthracene	1110	µg/kg	7.42	1306.9	<4.70	85.2	63-96			
Benzo(a)anthracene	1120	µg/kg	7.42	1306.9	<5.76	85.4	66-102			
Benzo(a)pyrene	1180	µg/kg	7.42	1306.9	<4.09	89.9	66-105			
Benzo(b)fluoranthene	1010	µg/kg	7.42	1306.9	<4.97	76.9	67-105			
Benzo(g,h,i)perylene	1210	µg/kg	7.42	1306.9	<5.11	92.2	59-110			
Benzo(k)fluoranthene	1150	µg/kg	7.42	1306.9	<5.05	88.1	68-106			
bis(2-Chloroethoxy)methane	1140	µg/kg	36.7	1306.9	<21.1	87.3	54-102			
bis(2-Chloroethyl) ether	1130	µg/kg	36.7	1306.9	<9.44	86.8	51-101			
Butyl benzyl phthalate	1270	µg/kg	74.2	1306.9	<41.7	97.1	59-107			
Carbazole	1100	µg/kg	36.7	1306.9	<9.82	84.3	63-103			
Chrysene	1330	µg/kg	7.42	1306.9	<5.69	102	66-105			
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	1320	µg/kg	36.7	1306.9	<27.6	101	63-101			
Dibenz(a,h) anthracene	1170	µg/kg	36.7	1306.9	<3.60	89.8	61-109			
Dibenzofuran	1060	µg/kg	36.7	1306.9	<4.90	81.1	61-101			
Diethyl phthalate	1100	µg/kg	36.7	1306.9	<11.3	84.1	63-105			
Dimethyl phthalate	1090	µg/kg	36.7	1306.9	<6.50	83.7	64-104			
Fluoranthene	1140	µg/kg	7.42	1306.9	<3.20	86.9	66-105			
Fluorene	1040	µg/kg	7.42	1306.9	<4.84	79.6	62-101			
Hexachlorobenzene	1130	µg/kg	36.7	1306.9	<9.70	86.2	61-104			
Hexachlorobutadiene	1180	µg/kg	36.7	1306.9	<7.85	90.2	52-99			
Hexachlorocyclopentadiene	965	µg/kg	36.7	1306.9	<32.6	73.8	39-106			
Hexachloroethane	1060	µg/kg	36.7	1306.9	<13.8	80.8	59-99			
Indeno(1,2,3-cd) pyrene	1230	µg/kg	7.42	1306.9	<4.64	94.3	57-114			
Isophorone	1150	µg/kg	186	1306.9	<6.51	87.9	55-101			
Methylphenol, Total	2040	µg/kg	67.0	2614.7	<9.01	77.8	54-103			
Naphthalene	1100	µg/kg	7.42	1306.9	<4.26	84.5	54-99			
Nitrobenzene	1150	µg/kg	186	1306.9	<11.2	88.0	53-100			
n-Nitrosodi-n-propylamine	1070	µg/kg	36.7	1306.9	<5.50	82.2	52-104			
N-Nitrosodiphenylamine	1100	µg/kg	36.7	1306.9	<19.3	84.3	61-104			
Pentachlorophenol	891	µg/kg	36.7	1306.9	<26.5	68.2	35-100			
Phenanthrene	1040	µg/kg	7.42	1306.9	<3.10	79.8	64-101			
Phenol	1150	µg/kg	36.7	1306.9	<16.7	88.0	51-107			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2438063	**Run ID:**	3860351

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2438063-005**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 02/03/26 12:04

Prep Date: 02/02/26 12:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Pyrene	1310	µg/kg	7.42	1306.9	<3.33	100	52-114			
Pyridine	969	µg/kg	186	1306.9	<65.6	74.1	40-84			
Surr: 2,4,6-Tribromophenol	***2740***	*µg/kg*		3267.6		84.0	*48-94*			
Surr: 2-Fluorobiphenyl	***2540***	*µg/kg*		3267.6		77.8	*50-103*			
Surr: 2-Fluorophenol	***2610***	*µg/kg*		3267.6		79.8	*43-105*			
Surr: 4-Terphenyl-d14	***2940***	*µg/kg*		3267.6		90.0	*55-111*			
Surr: Nitrobenzene-d5	***3200***	*µg/kg*		3267.6		97.9	*47-100*			
Surr: Phenol-d6	***2740***	*µg/kg*		3267.6		83.9	*49-110*			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2438063-006**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 02/03/26 12:33

Prep Date: 02/02/26 12:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1140	µg/kg	36.5	1300.1	<7.81	87.7	50-101	2.33	30	
2,4,5-Trichlorophenol	1040	µg/kg	36.5	1300.1	<19.8	80.2	54-98	1.95	30	
2,4,6-Trichlorophenol	990	µg/kg	36.5	1300.1	<8.87	76.1	56-97	2.92	30	
2,4-Dichlorophenol	1110	µg/kg	36.5	1300.1	<17.9	85.0	54-99	1.63	30	
2,4-Dimethylphenol	839	µg/kg	36.5	1300.1	<17.1	64.5	47-102	2.90	30	
2,4-Dinitrophenol	<244	µg/kg	369	1300.1	<244	18.8	10-100	0		U
2,4-Dinitrotoluene (2,4-DNT)	1020	µg/kg	36.5	1300.1	<21.6	78.2	62-105	2.67	30	
2,6-Dinitrotoluene (2,6-DNT)	1090	µg/kg	36.5	1300.1	<8.51	83.6	62-103	2.65	30	
2-Chloronaphthalene	935	µg/kg	7.38	1300.1	<4.66	71.9	57-101	4.81	30	
2-Chlorophenol	1020	µg/kg	36.5	1300.1	<21.8	78.8	52-102	2.22	30	
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	816	µg/kg	36.5	1300.1	<27.8	62.8	42-104	6.92	30	
2-Methylnaphthalene	1110	µg/kg	7.38	1300.1	<3.39	85.7	55-102	1.97	30	
2-Methylphenol (o-Cresol)	1030	µg/kg	36.5	1300.1	<9.01	79.1	54-103	1.07	30	
2-Nitroaniline	886	µg/kg	36.5	1300.1	<18.5	68.1	57-103	2.77	30	
2-Nitrophenol	1130	µg/kg	36.5	1300.1	<9.50	87.1	52-102	2.17	30	
3&4-Methylphenol	1020	µg/kg	36.5	1300.1	<18.2	78.7	56-103	0.564	30	
3,3'-Dichlorobenzidine	757	µg/kg	185	1300.1	<15.6	58.3	41-91	6.04	30	
3-Nitroaniline	662	µg/kg	36.5	1300.1	<19.4	50.9	35-107	1.76	30	
4-Bromophenyl phenyl ether (BDE-3)	1140	µg/kg	36.5	1300.1	<18.3	87.4	63-104	2.56	30	
4-Chloro-3-methylphenol	1150	µg/kg	36.5	1300.1	<9.50	88.8	57-103	1.81	30	
4-Chloroaniline	1130	µg/kg	73.8	1300.1	<16.9	86.6	32-99	0.406	30	
4-Chlorophenyl phenylether	1050	µg/kg	36.5	1300.1	<9.21	80.7	62-100	4.11	30	
4-Nitroaniline	306	µg/kg	185	1300.1	<51.7	23.5	19-124	2.42	30	
4-Nitrophenol	1120	µg/kg	369	1300.1	<78.1	85.8	44-106	1.80	30	
Acenaphthene	1020	µg/kg	7.38	1300.1	<4.82	78.1	60-101	3.24	30	
Acenaphthylene	1030	µg/kg	7.38	1300.1	<5.78	79.1	59-101	3.63	30	
Anthracene	1090	µg/kg	7.38	1300.1	<4.70	83.7	63-96	2.30	30	
Benzo(a)anthracene	1090	µg/kg	7.38	1300.1	<5.76	83.7	66-102	2.53	30	
Benzo(a)pyrene	1140	µg/kg	7.38	1300.1	<4.09	88.0	66-105	2.66	30	
Benzo(b)fluoranthene	980	µg/kg	7.38	1300.1	<4.97	75.4	67-105	2.56	30	

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2438063	**Run ID:**	3860351

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2438063-006**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 02/03/26 12:33

Prep Date: 02/02/26 12:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Benzo(g,h,i)perylene	1140	µg/kg	7.38	1300.1	<5.11	88.1	59-110	5.13	30	
Benzo(k)fluoranthene	1120	µg/kg	7.38	1300.1	<5.05	86.5	68-106	2.30	30	
bis(2-Chloroethoxy)methane	1140	µg/kg	36.5	1300.1	<21.1	87.7	54-102	0.0644	30	
bis(2-Chloroethyl) ether	1100	µg/kg	36.5	1300.1	<9.44	84.4	51-101	3.27	30	
Butyl benzyl phthalate	1240	µg/kg	73.8	1300.1	<41.7	95.2	59-107	2.50	30	
Carbazole	1070	µg/kg	36.5	1300.1	<9.82	82.3	63-103	2.92	30	
Chrysene	1290	µg/kg	7.38	1300.1	<5.69	98.9	66-105	3.51	30	
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	1300	µg/kg	36.5	1300.1	<27.6	100	63-101	1.76	30	
Dibenz(a,h) anthracene	1100	µg/kg	36.5	1300.1	<3.60	84.5	61-109	6.55	30	
Dibenzofuran	1040	µg/kg	36.5	1300.1	<4.90	79.9	61-101	2.01	30	
Diethyl phthalate	1070	µg/kg	36.5	1300.1	<11.3	82.4	63-105	2.56	30	
Dimethyl phthalate	1060	µg/kg	36.5	1300.1	<6.50	81.4	64-104	3.31	30	
Fluoranthene	1110	µg/kg	7.38	1300.1	<3.20	85.2	66-105	2.50	30	
Fluorene	1010	µg/kg	7.38	1300.1	<4.84	77.8	62-101	2.81	30	
Hexachlorobenzene	1110	µg/kg	36.5	1300.1	<9.70	85.3	61-104	1.63	30	
Hexachlorobutadiene	1130	µg/kg	36.5	1300.1	<7.85	87.1	52-99	4.08	30	
Hexachlorocyclopentadiene	920	µg/kg	36.5	1300.1	<32.6	70.8	39-106	4.74	30	
Hexachloroethane	1010	µg/kg	36.5	1300.1	<13.8	77.8	59-99	4.31	30	
Indeno(1,2,3-cd) pyrene	1180	µg/kg	7.38	1300.1	<4.64	91.0	57-114	4.09	30	
Isophorone	1130	µg/kg	185	1300.1	<6.51	87.0	55-101	1.55	30	
Methylphenol, Total	2050	µg/kg	67.0	2601.1	<9.01	78.9	54-103	0.818	30	
Naphthalene	1060	µg/kg	7.38	1300.1	<4.26	81.6	54-99	4.02	30	
Nitrobenzene	1100	µg/kg	185	1300.1	<11.2	84.7	53-100	4.40	30	
n-Nitrosodi-n-propylamine	1070	µg/kg	36.5	1300.1	<5.50	82.0	52-104	0.765	30	
N-Nitrosodiphenylamine	1080	µg/kg	36.5	1300.1	<19.3	83.3	61-104	1.72	30	
Pentachlorophenol	868	µg/kg	36.5	1300.1	<26.5	66.8	35-100	2.60	30	
Phenanthrene	1020	µg/kg	7.38	1300.1	<3.10	78.8	64-101	1.85	30	
Phenol	1160	µg/kg	36.5	1300.1	<16.7	89.5	51-107	1.17	30	
Pyrene	1290	µg/kg	7.38	1300.1	<3.33	99.2	52-114	1.32	30	
Pyridine	938	µg/kg	185	1300.1	<65.6	72.1	40-84	3.26	30	
Surr: 2,4,6-Tribromophenol	***2740***	*µg/kg*		3250.7		84.2	*48-94*	0.284	30	
Surr: 2-Fluorobiphenyl	***2460***	*µg/kg*		3250.7		75.6	*50-103*	3.34	30	
Surr: 2-Fluorophenol	***2530***	*µg/kg*		3250.7		77.7	*43-105*	3.19	30	
Surr: 4-Terphenyl-d14	***2900***	*µg/kg*		3250.7		89.2	*55-111*	1.48	30	
Surr: Nitrobenzene-d5	***3110***	*µg/kg*		3250.7		95.7	*47-100*	2.71	30	
Surr: Phenol-d6	***2740***	*µg/kg*		3250.7		84.1	*49-110*	0.212	30	

The following samples were analyzed in this batch: HN2601093-001, HN2601093-002, HN2601093-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2428124	**Run ID:**	3842243

Volatile Organic Compounds by GC-MS

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2428124-001**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/24/26 01:08

Prep Date: 01/23/26 13:30

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.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2428124	**Run ID:**	3842243

MB **CLIENT ID: Method Blank** **Lab ID: QC-2428124-001**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/24/26 01:08

Prep Date: 01/23/26 13:30

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	***1040***	*µg/kg*		1000		104	*80-120*			
Surr: 4-Bromofluorobenzene	***1010***	*µg/kg*		1000		101	*80-120*			
Surr: Dibromofluoromethane	***1030***	*µg/kg*		1000		103	*72-120*			
Surr: Toluene-d8	***1000***	*µg/kg*		1000		100.0	*80-120*			

LCS **CLIENT ID: Laboratory Control Sample** **Lab ID: QC-2428124-002**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/24/26 00:11

Prep Date: 01/23/26 13:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	957	µg/kg	30.0	1000		95.7	75-121			
1,1,2,2-Tetrachloroethane	886	µg/kg	30.0	1000		88.6	79-125			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	994	µg/kg	30.0	1000		99.4	62-129			
1,1,2-Trichloroethane	914	µg/kg	30.0	1000		91.4	80-123			
1,1-Dichloroethane	898	µg/kg	30.0	1000		89.8	74-124			
1,1-Dichloroethylene	916	µg/kg	30.0	1000		91.6	68-131			
1,2,3-Trichlorobenzene	854	µg/kg	100	1000		85.4	60-135			
1,2,3-Trichloropropane	888	µg/kg	30.0	1000		88.8	77-121			
1,2,4-Trichlorobenzene	876	µg/kg	100	1000		87.6	63-130			
1,2,4-Trimethylbenzene	916	µg/kg	30.0	1000		91.6	64-126			
1,2-Dibromo-3-chloropropane (DBCP)	776	µg/kg	100	1000		77.6	55-135			
1,2-Dibromoethane (EDB, Ethylene dibromide)	933	µg/kg	30.0	1000		93.3	63-155			
1,2-Dichlorobenzene (o-Dichlorobenzene)	908	µg/kg	30.0	1000		90.8	77-122			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2428124	**Run ID:**	3842243

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2428124-002**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/24/26 00:11

Prep Date: 01/23/26 13:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,2-Dichloroethane (Ethylene dichloride)	908	µg/kg	100	1000		90.8	70-130			
1,2-Dichloropropane	860	µg/kg	30.0	1000		86.0	71-130			
1,3,5-Trimethylbenzene	972	µg/kg	100	1000		97.2	66-130			
1,3-Dichlorobenzene (m-Dichlorobenzene)	914	µg/kg	30.0	1000		91.4	78-121			
1,3-Dichloropropene	1700	µg/kg	60.0	2000		84.8	62-124			
1,4-Dichlorobenzene (p-Dichlorobenzene)	901	µg/kg	30.0	1000		90.1	78-122			
2-Butanone (Methyl ethyl ketone, MEK)	854	µg/kg	200	1000		85.4	47-164			
2-Hexanone	850	µg/kg	30.0	1000		85.0	70-137			
4-Methyl-2-pentanone (MIBK)	1340	µg/kg	30.0	1000		134	57-200			
Acetone	906	µg/kg	100	1000		90.6	52-190			
Benzene	958	µg/kg	30.0	1000		95.8	78-122			
Bromochloromethane	878	µg/kg	30.0	1000		87.8	68-130			
Bromodichloromethane	918	µg/kg	30.0	1000		91.8	75-125			
Bromoform	866	µg/kg	30.0	1000		86.6	59-120			
Carbon disulfide	1050	µg/kg	30.0	1000		105	60-163			
Carbon tetrachloride	952	µg/kg	30.0	1000		95.2	69-123			
Chlorobenzene	928	µg/kg	30.0	1000		92.8	79-120			
Chlorodibromomethane	904	µg/kg	30.0	1000		90.4	57-123			
Chloroethane (Ethyl chloride)	717	µg/kg	100	1000		71.7	38-132			
Chloroform	883	µg/kg	30.0	1000		88.3	72-122			
cis-1,2-Dichloroethylene	884	µg/kg	30.0	1000		88.4	74-125			
cis-1,3-Dichloropropene	870	µg/kg	30.0	1000		87.0	62-124			
Dichlorodifluoromethane (Freon-12)	514	µg/kg	100	1000		51.4	28-137			
Ethylbenzene	974	µg/kg	30.0	1000		97.4	75-121			
Isopropylbenzene	969	µg/kg	30.0	1000		96.9	74-121			
m+p-Xylene	1940	µg/kg	60.0	2000		97.2	67-129			
Methyl acetate	668	µg/kg	250	1000		66.8	61-125			
Methyl bromide (Bromomethane)	857	µg/kg	100	1000		85.7	31-169			
Methyl chloride (Chloromethane)	580	µg/kg	100	1000		58.0	24-119			
Methyl tert-butyl ether (MTBE)	890	µg/kg	30.0	1000		89.0	79-139			
Methylene chloride (Dichloromethane)	778	µg/kg	250	1000		77.8	62-135			
o-Xylene	952	µg/kg	30.0	1000		95.2	75-120			
Styrene	935	µg/kg	30.0	1000		93.5	74-126			
Tetrachloroethylene (Perchloroethylene)	1240	µg/kg	30.0	1000		124	76-128			
Toluene	929	µg/kg	30.0	1000		92.9	76-120			
Total Xylene	2900	µg/kg	90.0	3000		96.6	67-129			
trans-1,2-Dichloroethylene	912	µg/kg	30.0	1000		91.2	72-127			
trans-1,3-Dichloropropylene	827	µg/kg	30.0	1000		82.7	66-120			
Trichloroethene (Trichloroethylene)	966	µg/kg	30.0	1000		96.6	75-122			
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	736	µg/kg	30.0	1000		73.6	51-115			
Vinyl chloride (Chloroethene)	642	µg/kg	30.0	1000		64.2	43-128			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2428124	**Run ID:**	3842243

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2428124-002**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/24/26 00:11

Prep Date: 01/23/26 13:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	***975***	*µg/kg*		1000		97.5	*80-120*			
Surr: 4-Bromofluorobenzene	***1020***	*µg/kg*		1000		102	*80-120*			
Surr: Dibromofluoromethane	***1000***	*µg/kg*		1000		100	*72-120*			
Surr: Toluene-d8	***972***	*µg/kg*		1000		97.2	*80-120*			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2428124-005**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/24/26 07:13

Prep Date: 01/23/26 13:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	1680	µg/kg	66.8	1661.1	<22.6	101	75-121			
1,1,2,2-Tetrachloroethane	1100	µg/kg	66.8	1661.1	<22.0	66.5	79-125			S
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1730	µg/kg	66.8	1661.1	<31.6	104	62-129			
1,1,2-Trichloroethane	1540	µg/kg	66.8	1661.1	<21.2	92.6	80-123			
1,1-Dichloroethane	1600	µg/kg	66.8	1661.1	<18.2	96.6	74-124			
1,1-Dichloroethylene	1660	µg/kg	66.8	1661.1	<16.1	99.8	68-131			
1,2,3-Trichlorobenzene	1250	µg/kg	223	1661.1	<59.8	75.0	60-135			
1,2,3-Trichloropropane	1490	µg/kg	66.8	1661.1	<20.9	89.5	77-121			
1,2,4-Trichlorobenzene	1340	µg/kg	223	1661.1	<56.5	80.6	63-130			
1,2,4-Trimethylbenzene	1600	µg/kg	66.8	1661.1	<36.5	96.2	64-126			
1,2-Dibromo-3-chloropropane (DBCP)	1100	µg/kg	223	1661.1	<45.9	66.0	55-135			
1,2-Dibromoethane (EDB, Ethylene dibromide)	1590	µg/kg	66.8	1661.1	<29.3	96.0	63-155			
1,2-Dichlorobenzene (o-Dichlorobenzene)	1460	µg/kg	66.8	1661.1	<18.9	87.8	77-122			
1,2-Dichloroethane (Ethylene dichloride)	1610	µg/kg	223	1661.1	<43.7	96.9	70-130			
1,2-Dichloropropane	1560	µg/kg	66.8	1661.1	<36.7	94.2	71-130			
1,3,5-Trimethylbenzene	1660	µg/kg	223	1661.1	<35.2	100	66-130			
1,3-Dichlorobenzene (m-Dichlorobenzene)	1460	µg/kg	66.8	1661.1	<34.4	88.0	78-121			
1,3-Dichloropropene	2830	µg/kg	134	3322.3	<27.8	85.2	62-124			
1,4-Dichlorobenzene (p-Dichlorobenzene)	1460	µg/kg	66.8	1661.1	<40.5	87.7	78-122			
2-Butanone (Methyl ethyl ketone, MEK)	1560	µg/kg	445	1661.1	<119	93.8	47-164			
2-Hexanone	1600	µg/kg	66.8	1661.1	<24.7	96.5	70-137			
4-Methyl-2-pentanone (MIBK)	1890	µg/kg	66.8	1661.1	<46.4	114	57-200			
Acetone	2420	µg/kg	223	1661.1	<148	145	52-190			
Benzene	1720	µg/kg	66.8	1661.1	<24.1	103	78-122			
Bromochloromethane	1540	µg/kg	66.8	1661.1	<25.3	92.6	68-130			
Bromodichloromethane	1550	µg/kg	66.8	1661.1	<27.9	93.3	75-125			
Bromoform	1390	µg/kg	66.8	1661.1	<21.0	83.8	59-120			
Carbon disulfide	1820	µg/kg	66.8	1661.1	<25.8	110	60-163			
Carbon tetrachloride	1650	µg/kg	66.8	1661.1	<19.5	99.4	69-123			
Chlorobenzene	1590	µg/kg	66.8	1661.1	<16.5	95.8	79-120			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2428124	**Run ID:**	3842243

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2428124-005**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/24/26 07:13

Prep Date: 01/23/26 13:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chlorodibromomethane	1480	µg/kg	66.8	1661.1	<28.0	89.2	57-123			
Chloroethane (Ethyl chloride)	583	µg/kg	223	1661.1	<140	35.1	38-132			S
Chloroform	1580	µg/kg	66.8	1661.1	<18.3	95.4	72-122			
cis-1,2-Dichloroethylene	1580	µg/kg	66.8	1661.1	<32.0	94.9	74-125			
cis-1,3-Dichloropropene	1480	µg/kg	66.8	1661.1	<37.5	88.8	62-124			
Dichlorodifluoromethane (Freon-12)	919	µg/kg	223	1661.1	<60.3	55.3	28-137			
Ethylbenzene	1680	µg/kg	66.8	1661.1	<35.3	101	75-121			
Isopropylbenzene	1690	µg/kg	66.8	1661.1	<31.5	102	74-121			
m+p-Xylene	3370	µg/kg	134	3322.3	<66.4	102	67-129			
Methyl acetate	1370	µg/kg	556	1661.1	<59.7	82.7	61-125			
Methyl bromide (Bromomethane)	662	µg/kg	223	1661.1	<95.3	39.8	31-169			
Methyl chloride (Chloromethane)	1070	µg/kg	223	1661.1	<136	64.2	24-119			
Methyl tert-butyl ether (MTBE)	1580	µg/kg	66.8	1661.1	<36.3	95.0	79-139			
Methylene chloride (Dichloromethane)	998	µg/kg	556	1661.1	<132	60.0	62-135			S
o-Xylene	1670	µg/kg	66.8	1661.1	<19.3	101	75-120			
Styrene	1630	µg/kg	66.8	1661.1	<19.8	98.0	74-126			
Tetrachloroethylene (Perchloroethylene)	3170	µg/kg	66.8	1661.1	<30.0	191	76-128			S
Toluene	1610	µg/kg	66.8	1661.1	<41.1	97.2	76-120			
Total Xylene	5050	µg/kg	200	4983.4	<19.3	101	67-129			
trans-1,2-Dichloroethylene	1620	µg/kg	66.8	1661.1	<41.1	97.5	72-127			
trans-1,3-Dichloropropylene	1350	µg/kg	66.8	1661.1	<27.8	81.6	66-120			
Trichloroethene (Trichloroethylene)	2020	µg/kg	66.8	1661.1	<22.3	122	75-122			
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	1140	µg/kg	66.8	1661.1	<25.5	68.9	51-115			
Vinyl chloride (Chloroethene)	1110	µg/kg	66.8	1661.1	<33.1	67.0	43-128			
Surr: 1,2-Dichloroethane-d4	***1630***	*µg/kg*		1661.1		98.0	*80-120*			
Surr: 4-Bromofluorobenzene	***1740***	*µg/kg*		1661.1		105	*80-120*			
Surr: Dibromofluoromethane	***1660***	*µg/kg*		1661.1		100	*72-120*			
Surr: Toluene-d8	***1620***	*µg/kg*		1661.1		97.4	*80-120*			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2428124-006**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/24/26 07:32

Prep Date: 01/23/26 13:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	1720	µg/kg	66.8	1661.1	<22.6	103	75-121	2.25	30	
1,1,2,2-Tetrachloroethane	1070	µg/kg	66.8	1661.1	<22.0	64.2	79-125	3.60	30	S
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1810	µg/kg	66.8	1661.1	<31.6	109	62-129	4.36	30	
1,1,2-Trichloroethane	1580	µg/kg	66.8	1661.1	<21.2	94.8	80-123	2.45	30	
1,1-Dichloroethane	1670	µg/kg	66.8	1661.1	<18.2	100	74-124	3.71	30	
1,1-Dichloroethylene	1670	µg/kg	66.8	1661.1	<16.1	101	68-131	0.849	30	
1,2,3-Trichlorobenzene	1380	µg/kg	223	1661.1	<59.8	83.0	60-135	10.2	30	
1,2,3-Trichloropropane	1500	µg/kg	66.8	1661.1	<20.9	90.6	77-121	1.17	30	
1,2,4-Trichlorobenzene	1420	µg/kg	223	1661.1	<56.5	85.3	63-130	5.60	30	

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2428124	**Run ID:**	3842243

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2428124-006**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/24/26 07:32

Prep Date: 01/23/26 13:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	1640	µg/kg	66.8	1661.1	<36.5	98.7	64-126	2.51	30	
1,2-Dibromo-3-chloropropane (DBCP)	1180	µg/kg	223	1661.1	<45.9	71.2	55-135	7.59	30	
1,2-Dibromoethane (EDB, Ethylene dibromide)	1620	µg/kg	66.8	1661.1	<29.3	97.8	63-155	1.81	30	
1,2-Dichlorobenzene (o-Dichlorobenzene)	1520	µg/kg	66.8	1661.1	<18.9	91.6	77-122	4.29	30	
1,2-Dichloroethane (Ethylene dichloride)	1610	µg/kg	223	1661.1	<43.7	96.7	70-130	0.207	30	
1,2-Dichloropropane	1550	µg/kg	66.8	1661.1	<36.7	93.3	71-130	0.907	30	
1,3,5-Trimethylbenzene	1690	µg/kg	223	1661.1	<35.2	102	66-130	1.64	30	
1,3-Dichlorobenzene (m-Dichlorobenzene)	1540	µg/kg	66.8	1661.1	<34.4	92.8	78-121	5.20	30	
1,3-Dichloropropene	2860	µg/kg	134	3322.3	<27.8	86.0	62-124	0.964	30	
1,4-Dichlorobenzene (p-Dichlorobenzene)	1530	µg/kg	66.8	1661.1	<40.5	92.2	78-122	5.00	30	
2-Butanone (Methyl ethyl ketone, MEK)	1520	µg/kg	445	1661.1	<119	91.8	47-164	2.16	30	
2-Hexanone	1690	µg/kg	66.8	1661.1	<24.7	102	70-137	5.30	30	
4-Methyl-2-pentanone (MIBK)	1910	µg/kg	66.8	1661.1	<46.4	115	57-200	0.874	30	
Acetone	2330	µg/kg	223	1661.1	<148	140	52-190	3.71	30	
Benzene	1710	µg/kg	66.8	1661.1	<24.1	103	78-122	0.242	30	
Bromochloromethane	1580	µg/kg	66.8	1661.1	<25.3	95.0	68-130	2.56	30	
Bromodichloromethane	1570	µg/kg	66.8	1661.1	<27.9	94.5	75-125	1.28	30	
Bromoform	1440	µg/kg	66.8	1661.1	<21.0	86.9	59-120	3.63	30	
Carbon disulfide	1880	µg/kg	66.8	1661.1	<25.8	113	60-163	3.41	30	
Carbon tetrachloride	1620	µg/kg	66.8	1661.1	<19.5	97.2	69-123	2.19	30	
Chlorobenzene	1610	µg/kg	66.8	1661.1	<16.5	97.1	79-120	1.30	30	
Chlorodibromomethane	1510	µg/kg	66.8	1661.1	<28.0	91.0	57-123	2.00	30	
Chloroethane (Ethyl chloride)	575	µg/kg	223	1661.1	<140	34.6	38-132	1.43	30	S
Chloroform	1610	µg/kg	66.8	1661.1	<18.3	96.8	72-122	1.51	30	
cis-1,2-Dichloroethylene	1620	µg/kg	66.8	1661.1	<32.0	97.4	74-125	2.60	30	
cis-1,3-Dichloropropene	1450	µg/kg	66.8	1661.1	<37.5	87.2	62-124	1.82	30	
Dichlorodifluoromethane (Freon-12)	951	µg/kg	223	1661.1	<60.3	57.2	28-137	3.47	30	
Ethylbenzene	1700	µg/kg	66.8	1661.1	<35.3	102	75-121	0.836	30	
Isopropylbenzene	1740	µg/kg	66.8	1661.1	<31.5	105	74-121	2.71	30	
m+p-Xylene	3460	µg/kg	134	3322.3	<66.4	104	67-129	2.43	30	
Methyl acetate	1720	µg/kg	556	1661.1	<59.7	104	61-125	22.6	30	
Methyl bromide (Bromomethane)	704	µg/kg	223	1661.1	<95.3	42.4	31-169	6.20	30	
Methyl chloride (Chloromethane)	1090	µg/kg	223	1661.1	<136	65.8	24-119	2.39	30	
Methyl tert-butyl ether (MTBE)	1620	µg/kg	66.8	1661.1	<36.3	97.5	79-139	2.65	30	
Methylene chloride (Dichloromethane)	1120	µg/kg	556	1661.1	<132	67.3	62-135	11.4	30	
o-Xylene	1690	µg/kg	66.8	1661.1	<19.3	102	75-120	1.04	30	
Styrene	1650	µg/kg	66.8	1661.1	<19.8	99.6	74-126	1.57	30	
Tetrachloroethylene (Perchloroethylene)	3220	µg/kg	66.8	1661.1	<30.0	194	76-128	1.48	30	S
Toluene	1650	µg/kg	66.8	1661.1	<41.1	99.2	76-120	2.14	30	
Total Xylene	5150	µg/kg	200	4983.4	<19.3	103	67-129	1.97	30	

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2601093
Project:	6078 Rohns	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2428124	**Run ID:**	3842243

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2428124-006**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/24/26 07:32

Prep Date: 01/23/26 13:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
trans-1,2-Dichloroethylene	1700	µg/kg	66.8	1661.1	<41.1	102	72-127	4.66	30	
trans-1,3-Dichloropropylene	1410	µg/kg	66.8	1661.1	<27.8	84.8	66-120	3.91	30	
Trichloroethene (Trichloroethylene)	2060	µg/kg	66.8	1661.1	<22.3	124	75-122	1.87	30	S
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	1160	µg/kg	66.8	1661.1	<25.5	70.0	51-115	1.58	30	
Vinyl chloride (Chloroethene)	1150	µg/kg	66.8	1661.1	<33.1	69.2	43-128	3.23	30	
Surr: 1,2-Dichloroethane-d4	***1600***	*µg/kg*		1661.1		96.2	*80-120*	1.75	30	
Surr: 4-Bromofluorobenzene	***1720***	*µg/kg*		1661.1		104	*80-120*	1.20	30	
Surr: Dibromofluoromethane	***1610***	*µg/kg*		1661.1		96.9	*72-120*	3.35	30	
Surr: Toluene-d8	***1570***	*µg/kg*		1661.1		94.8	*80-120*	2.76	30	

The following samples were analyzed in this batch: HN2601093-001, HN2601093-002, HN2601093-003