

DRAFT

FILL MATERIAL SAMPLING REPORT

3729 E. NEVADA STREET
DETROIT, WAYNE COUNTY, MICHIGAN 48234



FEBRUARY 15, 2026

PREPARED FOR:

THE CITY OF DETROIT DEMOLITION DEPARTMENT

1301 THIRD STREET, SUITE 606

DETROIT, MICHIGAN 48226



FILL MATERIAL SAMPLING REPORT

3729 E. NEVADA STREET
DETROIT, WAYNE COUNTY, MICHIGAN 48234

PREPARED BY: _____

OLIVIA MITCHELL

ENVIRONMENTAL SCIENTIST

REVIEWED BY: _____

MARK SCHULT, PHD, CPG

SENIOR PROJECT MANAGER

REVIEWED AND
APPROVED BY: _____

RYAN MONTRI, CPG

SENIOR PROJECT MANAGER

EXECUTIVE SUMMARY

The Mannik & Smith Group, Inc. (MSG) was retained by the City of Detroit (COD) to perform sampling and analysis of fill materials at the property commonly addressed as 3729 E. Nevada 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 3729 SB01, 3729 SB02, and 3729 SB03 generally consisted of brown and gray silty clay to six (6) feet below ground surface (bgs), the maximum depth explored for this investigation. Field photoionization detector (PID) readings of the recovered soil cores were below instrument detection limits. There were no visual (staining) and/or olfactory (e.g., petroleum-like odors) indications of contamination observed during soil sampling activities.
- Concentrations of arsenic were detected in soil samples 3729 SB02 (3-4')_20260119 and 3729 SB03 (5-6')_20260119 in excess of Part 201 groundwater surface water interface protection criteria (GSIPC), drinking water protection criteria (DWPC), and direct contact criteria (DCC).
- Concentrations of 1-methylnaphthalene, 2-methylnaphthalene, anthracene, barium, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chloride, chromium (Total), chrysene, copper, fluoranthene, indeno(1,2,3-cd)pyrene, lead, mercury, phenanthrene, pyrene, and zinc were detected in soil samples 3729 SB01 (1-2')_20260119, 3729 SB02 (3-4')_20260119, and/or 3729 SB03 (5-6')_20260119 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, pesticides, and herbicides were not detected above laboratory method detection reporting limits.
- Groundwater was not encountered during soil boring activities completed as part of this investigation. Groundwater is not utilized as drinking water at or near the Site, as municipal water is supplied via the COD, and the general geology of the Site and surrounding area consists of fill materials underlain by clay overlying bedrock. Therefore, the drinking water (DW) exposure pathway can be considered not applicable. Additionally, groundwater was not encountered during this investigation to transport contaminants to either storm sewers or surface water and the clay layer also inhibits migration. Therefore, the groundwater surface water exposure pathway can be considered not applicable. Given that the site is residential, exceedances of direct contact criteria may merit further consideration.

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

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

DRAFT

TABLE OF CONTENTS

Executive Summary	ES-1
1.0 Introduction	1
2.0 Purpose and Scope of Work	1
3.0 Site Assessment Methodology.....	1
3.1 Preliminary Site Work Activities.....	1
3.2 Soil Sample Collection.....	2
3.3 Decontamination.....	2
3.4 Analytical Methods	2
3.5 Quality Assurance/Quality Control.....	3
4.0 Summary of Results	3
4.1 Site Geology and Hydrogeology.....	3
4.2 Soil Sample Analytical Results.....	3
4.3 Exposure Evaluation.....	3
5.0 Findings	4

Figures

Figure 1	Site Location Map
Figure 2	Site Layout

Table

Table 1	Soil Sample Analytical Detection Summary
---------	--

Appendices

Appendix A	Limitations
Appendix B	Daily Field Report
Appendix C	Investigation Photographs
Appendix D	Soil Boring Logs
Appendix E	Laboratory Analytical Reports and Chain of Custody Forms

1.0 INTRODUCTION

The Mannik & Smith Group, Inc. (MSG) was retained by the City of Detroit (COD) to conduct sampling and analysis of fill materials at the property commonly addressed as 3729 Lemay 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 19, 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 19, 2026. A daily field activity report prepared by MSG is presented in *Appendix B, Daily Field Report*.

3.1 Preliminary Site Work Activities

Prior to conducting subsurface soil sampling activities, MSG contacted the MISSDIG utility locating system to identify and physically mark underground utilities. If necessary, proposed soil boring locations were modified based on the results of the utility markings. Additionally, MSG reviewed readily available Site building records or documents to ensure that this scope of work was conducted on the correct property and in the areas of the former Site structure.

3.2 Soil Sample Collection

The sampling plan for the Site was based on the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025, and modified in the field (if necessary) based on encountered conditions and professional judgment of MSG's field personnel. MSG advanced three (3) soil borings, designated 3729 SB01, 3729 SB02, and 3729 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 3729 SB01 (1-2')_20260119, 3729 SB02 (3-4')_20260119, and 3729 SB03 (5-6')_20260119 were collected as part of this investigation. These soil samples were submitted to ALS Environmental Laboratory (ALS) in Holland, Michigan for laboratory analysis of the following parameters per the requested parameters as described in the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025:

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

3.5 Quality Assurance/Quality Control

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

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

4.0 SUMMARY OF RESULTS

The following subsections include a discussion of the soil samples that were collected from the Site on January 19, 2026.

4.1 Site Geology and Hydrogeology

The stratigraphy encountered during soil boring advancement of 3729 SB01, 3729 SB02, and 3729 SB03 generally consisted of brown and gray silty clay to six (6) feet below ground surface (bgs), the maximum depth explored for this investigation. Field photoionization detector (PID) readings of the recovered soil cores were below instrument detection limits. There were no visual (staining) and/or olfactory (e.g., petroleum-like odors) indications of contamination observed during soil sampling activities.

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

4.2 Soil Sample Analytical Results

Three (3) soil samples, designated 3729 SB01 (1-2')_20260119, 3729 SB02 (3-4')_20260119, and 3729 SB03 (5-6')_20260119, were collected from the Site and submitted to ALS for laboratory analysis of VOCs, SVOCs, PCBs, Michigan 10 Metals, chloride, herbicides, and pesticides.

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

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

Chemical	CAS Number	Soil Sample (feet bgs)	Part 201 GRCC Exceeded / Concentration ($\mu\text{g}/\text{kg}^1$)	Maximum Detected Concentration ($\mu\text{g}/\text{kg}$)
Arsenic	7440-38-2	3729 SB02 (3-4)_20260119 3729 SB03 (5-6)_20260119	GSIPC ² / 4,600 DWPC ³ / 4,600 DCC ⁴ / 7,600	9,990

¹ $\mu\text{g}/\text{kg}$ – micrograms per kilogram;

²GSIPC – Groundwater Surface Water Interface Protection Criteria

³DWPC – Drinking Water Protection Criteria

⁴DCC – Direct Contact Criteria

4.3 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 3729 SB01, 3729 SB02, and 3729 SB03 generally consisted of brown and gray silty clay to six (6) feet below ground surface (bgs), the maximum depth explored for this investigation. Field photoionization detector (PID) readings of the recovered soil cores were below instrument detection limits. There were no visual (staining) and/or olfactory (e.g., petroleum-like odors) indications of contamination observed during soil sampling activities.
- Concentrations of arsenic were detected in soil samples 3729 SB02 (3-4')_20260119 and 3729 SB03 (5-6')_20260119 in excess of Part 201 GSIPC, DWPC, and DCC.
- Concentrations of 1-methylnaphthalene, 2-methylnaphthalene, anthracene, barium, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chloride, chromium (Total), chrysene, copper, fluoranthene, indeno(1,2,3-cd)pyrene, lead, mercury, phenanthrene, pyrene, and zinc were detected in soil samples 3729 SB01 (1-2')_20260119, 3729 SB02 (3-4')_20260119, and/or 3729 SB03 (5-6')_20260119 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, pesticides, 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.

FIGURES

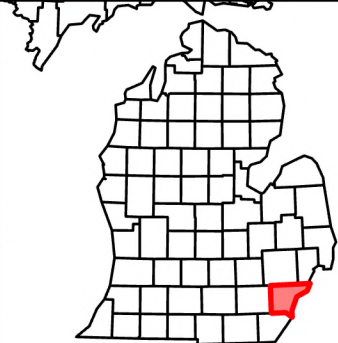




3729 E Nevada



Date Saved: 1/8/2026 11:31 AM Coordinate System: GCS WGS 1984
 Path: W:\Projects\Projects A-E\DETROIT\06\ENG\APPS\GIS\21_QQ_6.17.2025 Backfill Sampling\DETROIT060 Backfill Sampling.aprx



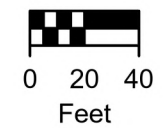
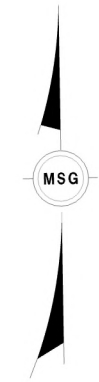
★ Site Location






FIGURE 1
 SITE LOCATION

3729 E Nevada, Detroit, MI

DATE 1/8/2026	DRAWN BY JWW	DESIGNED BY JWW	PROJECT NO. DETRO060
------------------	-----------------	--------------------	-------------------------



-  Sample Locations
-  Parcels (Current)
-  Subject Property

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



FIGURE 2
Site Layout

3729 E Nevada, Detroit, MI

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

TABLE



Table 1
Soil Sample Analytical Detection Summary

Detroit Backfill Sampling
3729 E Nevada, Detroit, Michigan

SOIL: Part 201/213 Generic Residential Cleanup Criteria Revised October 12, 2023 and Volatilization to Indoor Air Pathway Screening Levels Revised February 26, 2024			Inorganic Anions/Ions	Metals						Semivolatile Organic Compounds (SVOCs)													
			Chloride	Arsenic (B)	Barium (B)	Chromium, Total (B)	Copper (B)	Lead (B)	Mercury (B)	Zinc (B)	1-Methylnaphthalene	2-Methylnaphthalene	Anthracene	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	16887-00-6	7440-38-2	7440-39-3	7440-47-3	7440-50-8	7439-92-1	7439-97-6	7440-66-6	90-12-0	91-57-6	120-12-7	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	ug/kg	ug/kg	ug/kg	ug/kg	
Statewide Default Background Levels	NC	5,800	75,000	18,000	32,000	21,000	130	47,000	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC		
Drinking Water Protection Criteria (DWPC)	5.00E+06	4,600	1.30E+06	30,000	5.80E+06	7.00E+05	1,700	2.40E+06	NC	57,000	41,000	NLL	NLL	NLL	NLL	NLL	NLL	NLL	7.30E+05	NLL	56,000	4.80E+05	
Groundwater Surface Water Interface Protection Criteria (GSIPC)	NC	4,600	4.40E+05 ^(G)	3,300	75,000 ^(G)	6.00E+06 ^(G)	50 ^(M,1,2)	1.60E+05	NC	4,200	ID	NLL	NLL	NLL	NLL	NLL	NLL	NLL	5,500	NLL	2,100	ID	
Soil Volatilization to Indoor Air Inhalation (SVIIC)	NC	NLV	NLV	NC	NLV	NLV	48,000	NC	NC	2.70E+06	1.00E+09	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	NC	22 ^(M)	NC	NC	1,700	1.30E+07	1.60E+05 ^(M)	NC	NC	NC	NC	NC	NC	NC	1,700	2.50E+07		
Infinite Source Volatile Soil Inhalation Criteria (VSIC)	NC	NLV	NLV	NC	NLV	NLV	52,000	NC	NC	1.50E+06	1.40E+09	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)	NC	NLV	NLV	NC	NLV	NLV	52,000	NC	NC	1.50E+06	1.40E+09	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)	NC	NLV	NLV	NC	NLV	NLV	52,000	NC	NC	1.50E+06	1.40E+09	NLV	NLV	ID	NLV	NLV	ID	7.40E+08	NLV	1.60E+05	6.50E+08		
Particulate Soil Inhalation Criteria (PSIC)	NC	7.20E+05	3.30E+08	2.60E+05	1.30E+08	1.00E+08	2.00E+07	NC	NC	6.70E+08	6.70E+10	ID	1.50E+06	ID	8.00E+08	ID	ID	9.30E+09	ID	6.70E+06	6.70E+09		
Direct Contact Criteria (DCC)	5.00E+05	7,600	3.70E+07	2.50E+06	2.00E+07	4.00E+05	1.60E+05	1.70E+08	NC	8.10E+06	2.30E+08	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)	NC	NA	NA	NC	NA	NA	NA	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Sample ID	Sample Depth (ft)	Sample Date																					
3729 SB01	1.0 - 2.0	01/19/2026	36,500	5,370	65,200	10,800	17,800	58,600	29.8	87,700	62.6	89.8	<19.2	109	131	209	117	180	97.9	193	62.6	97.9	212
3729 SB02	3.0 - 4.0	01/19/2026	45,700	8,990	64,000	14,200	16,900	11,900	<14.6	41,800	<12.7	<8.96	<12.4	74	52.8	88.1	68.7	77.5	88.1	56.4	26.4	<8.19	72.2
3729 SB03	5.0 - 6.0	01/19/2026	76,200	9,990	54,900	14,500	18,200	13,900	95.1 S	48,300	<13.7	32.3	24.7	114	152	190	163	58.9	142	156	83.6	106	224

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 Volatilize; 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: <u>01/19/2026</u>	Day: <u>Monday</u>	Temp: <u>18°</u> (AM) <u>N/A</u> (PM)
MSG Personnel: <u>JDF, WRD, KDW</u>	Cloud Cover: <u>80%</u> (AM) <u>N/A</u> (PM)	Precip.: <u>N/A</u> (AM) <u>N/A</u> (PM)
Personnel: <u>MSG</u>		
MSG Hours On-Site: <u>~ 1 hour</u>		

Contractors Information		
Contractor: <u>MSG</u>	No. Men and Type: <u>3; Operator/ Geologist /Helper</u>	Equipment Type: <u>Geoprobe 7822DT</u>

Summary of Work Performed:
<ul style="list-style-type: none"> 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:
<ul style="list-style-type: none"> 1106 – MSG onsite (3729 E Nevada) 1112 – Unloaded equipment and marked out boring locations 1115 – Began drilling SB01 1119 – Finished drilling SB01 1122 – Began drilling SB02 1129 – Finished drilling SB02 1130 – Began drilling SB03 1135 – Finished drilling SB03 1141 – MSG screens soils prior to sampling 1146 – Sampled 3729 SB01 (1-2') 1149 – Sampled 3729 SB02 (3-4') 1151 – Sampled 3729 SB03 (5-6') 1156 – Packed up equipment 1159 – MSG off site

Supporting Documentation								
Photograph Taken	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Samples Collected	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Boring/MW Logs	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Photo Log Attached	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	COC Attached	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Field Note Book Taken	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>

Problem Identification and Corrective Measures
<u>N/A</u>
Resolved? Yes <input type="checkbox"/> No <input type="checkbox"/>

APPENDIX C
INVESTIGATION PHOTOGRAPHS





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



Photo 2: View of drilling at 3729 SB01, facing northwest.



Photo 3: View of drilling at 3729 SB02, facing northwest.



Photo 4: View of drilling at 3729 SB03, facing northwest.



Photo 5: Viewing 3729, facing northeast.



Photo 6: Viewing 3729, facing northwest.

APPENDIX D
SOIL BORING LOGS





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

BOREHOLE NUMBER SB02

Sheet 1 of 1

CLIENT City of Detroit
PROJECT NUMBER DETR0060_3729 E Nevada
DATE STARTED 01-19-2026 **COMPLETED** 01-19-2026
DRILLING CONTRACTOR MSG
DRILLING METHOD Direct Push
EQUIPMENT GeoProbe 7822DT **Operator** JDF

PROJECT NAME Backfill Soil Sampling
PROJECT LOCATION 3729 E Nevada, Detroit, MI
POSITION _____
SURFACE ELEVATION _____ **FINAL DEPTH** 6.0 ft
LOGGED BY WRD **CHECKED BY** SCD
REMARKS _____

DEPTH (ft)	SAMPLE INTERVALS	RECOVERY %	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (PPM)	REMARKS
	ES	50	6.0	Brown and Gray Mottled, CLAY, Some Silt, Little Sand, Little Gravel, Dry	0 0 0 0 0	Collected Soil Sample 3729 SB02(3-4') _20260119 at 1149
				Terminated at 6.00 ft.		

LEGEND:

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



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

BOREHOLE NUMBER SB03

Sheet 1 of 1

CLIENT City of Detroit
PROJECT NUMBER DETR0060_3729 E Nevada
DATE STARTED 01-19-2026 **COMPLETED** 01-19-2026
DRILLING CONTRACTOR MSG
DRILLING METHOD Direct Push
EQUIPMENT GeoProbe 7822DT **Operator** JDF

PROJECT NAME Backfill Soil Sampling
PROJECT LOCATION 3729 E Nevada, Detroit, MI
POSITION _____
SURFACE ELEVATION _____ **FINAL DEPTH** 6.0 ft
LOGGED BY WRD **CHECKED BY** SCD
REMARKS _____

DEPTH (ft)	SAMPLE INTERVALS	RECOVERY %	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (PPM)	REMARKS
				Brown and Gray Mottled, CLAY, Some Silt, Little Sand, Little Gravel, Dry	0	
					0	
	ES	50			0	
					0	
5					0	Collected Soil Sample 3729 SB03(5-6') _20260119 at 1151
					0	
				Terminated at 6.00 ft.		
10						

LEGEND:

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

APPENDIX E

LABORATORY ANALYTICAL REPORTS AND CHAIN OF CUSTODY FORMS





right solutions.
right partner.

January 27, 2026

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

Re: **3729 E Nevada**

Date Received: **01/20/2026**

Work Order: **HN2600860**

Dear Ryan,

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

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

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

If you have any questions regarding this report, please feel free to contact me:

ADDRESS: 3352 128th Avenue, Holland, MI, USA PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Kathy Jones-Gronda

/S/ KATHY JONES-GRONDA

Project Manager



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada

Work Order: HN2600860
Date Received: 20-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 20-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: HN2600860

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

Organics

EPA 8270E-FULL HN-3546-S

Run ID: 3839821

The LCS recovery was above the upper control limit. The sample results for this batch may be biased high for this analyte: Bis(2-ethylhexyl)phthalate.

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

The Continuing Calibration Verification did not meet acceptance criteria with high bias, however, the sample results were non-detect for the following analytes: 2,2'-Oxybis(1-chloropropane); Bis(2-chloroisopropyl)ether; 2,4-Dinitrophenol; 4-Nitrophenol; 4,6-Dinitro-2-methylphenol.

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

Run ID: 3837825

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

Run ID: 3836408

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

The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: 2-Butanone (Methyl ethyl ketone, MEK), 2-Hexanone, Acetone, Dichlorodifluoromethane (Freon-12), Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)

Run ID: 3835822

The LCS recovery was above the upper control limit. All the sample results in the batch were non-detect. No qualification is necessary for this analyte: Tetrachloroethylene.

EPA 8081B-3546-S (High)

Run ID: 3843705

HN2600860-001: One or more surrogate recoveries were below the lower control limits. The sample results may be biased low.

HN2600860-003: One or more surrogate recoveries were below the lower control limits. The sample results may be biased low.

Metals

EPA 7471B-S (Mid)

Run ID: 3843660

The MS recovery was outside of the control limit. However, the MSD recovery and the RPD between the MS and MSD was in control. No qualification is required for this analyte: Hg Batch 2429986

EPA 6020B-3050B-S

Run ID: 3839311

Samples HN2600860-001 through -003: The reporting limits are elevated for Cd, Se and Ag due to the dilutions needed for high concentrations of non-target analytes.

Inorganics

EPA 9056A-S (High)

Run ID: 3832077

The MS recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for this analyte: Chloride, Sulfate

The MSD recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for the following analyte(s): Chloride, Sulfate

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: 3729 SB01 (1-2')_20260119 **Lab ID: HN2600860-001**

Analyte	Results	Flag	MRL	Units	Method
1-Methylnaphthalene	62.6		27.2	µg/kg	EPA 8270E
2-Methylnaphthalene	89.8		27.2	µg/kg	EPA 8270E
Arsenic	5.37		3.18	mg/kg	EPA 6020B
Barium	65.2		3.18	mg/kg	EPA 6020B
Benzo(a)anthracene	109		27.2	µg/kg	EPA 8270E
Benzo(a)pyrene	131		27.2	µg/kg	EPA 8270E
Benzo(b)fluoranthene	209		27.2	µg/kg	EPA 8270E
Benzo(g,h,i)perylene	117		27.2	µg/kg	EPA 8270E
Benzo(k)fluoranthene	180		27.2	µg/kg	EPA 8270E
Chloride	36.5		13.2	mg/kg	EPA 9056A
Chromium	10.8		3.18	mg/kg	EPA 6020B
Chrysene	97.9		27.2	µg/kg	EPA 8270E
Copper	17.8		3.18	mg/kg	EPA 6020B
Fluoranthene	193		27.2	µg/kg	EPA 8270E
Indeno(1,2,3-cd) pyrene	62.6		27.2	µg/kg	EPA 8270E
Lead	58.6		3.18	mg/kg	EPA 6020B
Mercury	0.0298		0.0200	mg/kg	EPA 7471B
Percent Moisture	14.7		0.1	%	EPA 3550C
Phenanthrene	97.9		27.2	µg/kg	EPA 8270E
Pyrene	212		27.2	µg/kg	EPA 8270E
Zinc	87.7		6.37	mg/kg	EPA 6020B

CLIENT ID: 3729 SB02 (3-4')_20260119 **Lab ID: HN2600860-002**

Analyte	Results	Flag	MRL	Units	Method
Arsenic	8.99		3.32	mg/kg	EPA 6020B
Barium	64.0		3.32	mg/kg	EPA 6020B
Benzo(a)anthracene	74.0		17.6	µg/kg	EPA 8270E
Benzo(a)pyrene	52.8		17.6	µg/kg	EPA 8270E
Benzo(b)fluoranthene	88.1		17.6	µg/kg	EPA 8270E
Benzo(g,h,i)perylene	68.7		17.6	µg/kg	EPA 8270E
Benzo(k)fluoranthene	77.5		17.6	µg/kg	EPA 8270E
Chloride	45.7		12.1	mg/kg	EPA 9056A
Chromium	14.2		3.32	mg/kg	EPA 6020B
Chrysene	88.1		17.6	µg/kg	EPA 8270E
Copper	16.9		3.32	mg/kg	EPA 6020B
Fluoranthene	56.4		17.6	µg/kg	EPA 8270E
Indeno(1,2,3-cd) pyrene	26.4		17.6	µg/kg	EPA 8270E
Lead	11.9		3.32	mg/kg	EPA 6020B
Percent Moisture	14.2		0.1	%	EPA 3550C
Pyrene	72.2		17.6	µg/kg	EPA 8270E
Zinc	41.8		6.63	mg/kg	EPA 6020B

SAMPLE DETECTION SUMMARY

This form includes only detections above the limits as presented.

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



CLIENT ID: 3729 SB02 (3-4')_20260119	Lab ID: HN2600860-002
---	------------------------------

Analyte	Results	Flag	MRL	Units	Method
---------	---------	------	-----	-------	--------

CLIENT ID: 3729 SB03 (5-6')_20260119	Lab ID: HN2600860-003
---	------------------------------

Analyte	Results	Flag	MRL	Units	Method
---------	---------	------	-----	-------	--------

2-Methylnaphthalene	32.3		19.0	µg/kg	EPA 8270E
Anthracene	24.7		19.0	µg/kg	EPA 8270E
Arsenic	9.99		3.41	mg/kg	EPA 6020B
Barium	54.9		3.41	mg/kg	EPA 6020B
Benzo(a)anthracene	114		19.0	µg/kg	EPA 8270E
Benzo(a)pyrene	152		19.0	µg/kg	EPA 8270E
Benzo(b)fluoranthene	190		19.0	µg/kg	EPA 8270E
Benzo(g,h,i)perylene	163		19.0	µg/kg	EPA 8270E
Benzo(k)fluoranthene	58.9		19.0	µg/kg	EPA 8270E
Chloride	76.2		13.0	mg/kg	EPA 9056A
Chromium	14.5		3.41	mg/kg	EPA 6020B
Chrysene	142		19.0	µg/kg	EPA 8270E
Copper	18.2		3.41	mg/kg	EPA 6020B
Fluoranthene	156		19.0	µg/kg	EPA 8270E
Indeno(1,2,3-cd) pyrene	83.6		19.0	µg/kg	EPA 8270E
Lead	13.9		3.41	mg/kg	EPA 6020B
Mercury	0.0951	S	0.0200	mg/kg	EPA 7471B
Percent Moisture	16.4		0.1	%	EPA 3550C
Phenanthrene	106		19.0	µg/kg	EPA 8270E
Pyrene	224		19.0	µg/kg	EPA 8270E
Zinc	48.3		6.82	mg/kg	EPA 6020B

SAMPLE SUMMARY



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Workorder: HN2600860

Laboratory Sample ID	Client Sample ID	Sample Matrix	Collection Date	Date Received
HN2600860-001	3729 SB01 (1-2')_20260119	SOIL/SOLID	01/19/26 11:46	01/20/26 06:00
HN2600860-002	3729 SB02 (3-4')_20260119	SOIL/SOLID	01/19/26 11:49	01/20/26 06:00
HN2600860-003	3729 SB03 (5-6')_20260119	SOIL/SOLID	01/19/26 11:51	01/20/26 06:00

Chain of Custody Form



Telephone : +1 616 399 6070

ALS Project Manager:							Work Order #:										
Project Information							Parameter/Method Request for Analysis										
Project Name			3729 E Nevada				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)									
Send Report To			Ryan Montri and Olivia Mitchell				D	Mi 10 Metals (U.S. EPA 6000/7000 Series Methods)									
Address			2365 South Haggerty Road				E	Chorides (U.S. EPA Method 9056A)									
City/State/Zip			Canton, Mi 48188				F	Pesticides (U.S. EPA Method 8081B (or Method 8081))									
Phone			734-397-3100				G	Herbicides (U.S. EPA Method 8151A (or Method 8151))									
Fax							H										
e-Mail Address			rmontri@manniksmithgroup.com				I										
e-Mail Address			omitchell@manniksmithgroup.com				J										
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	3729 SB01 (1-2')_20260119	1/19/26	1146	Soil	7	3	✓	✓	✓	✓	✓	✓	✓				
2	3729 SB02 (3-4')_20260119	1	1149	Soil	7	3	✓	✓	✓	✓	✓	✓	✓				
3	3729 SB03 (5-6')_20260119	1	1151	Soil	7	3	✓	✓	✓	✓	✓	✓	✓				
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Sampler(s): Please Print & Sign WILEY DAUGENPORT <i>[Signature]</i>			Shipment Method:		Required Turnaround Time: <input type="checkbox"/> Other _____ <input type="checkbox"/> STD 10 Wk Days <input checked="" type="checkbox"/> 5 Wk Days <input type="checkbox"/> 2 Wk Days <input type="checkbox"/> 24 Hour				Results Due Date:		
Relinquished by: <i>[Signature]</i>		Date: 1/19/26	Time: 1501	Received by: <i>[Signature]</i>		Notes: Rec'd 1/20/26 0600 DZ RL					
Relinquished by: <i>[Signature]</i>		Date: 1/19/26	Time: 1700	Received by (Laboratory): <i>[Signature]</i>		Cooler Temp. 12.6 1.4°C	QC Package: (Check Box Below)				
Logged by (Laboratory): DFS		Date: 1/20/26	Time: 0715	Checked by (Laboratory):		<input type="checkbox"/> Level II: Standard QC	<input type="checkbox"/> Level III: Std QC + Raw Data	<input type="checkbox"/> Level IV: SW846 CLP-Like	TRRP-Checklist TRRP Level IV		
Preservative Key: 1-HCL 2-HNO3 3-H2SO4 4-NaOH 5-Na2S2O3 6-NaHSO4 7-Other 8-4 degrees C 9-5035										Other:	

Note: Any changes must be made in writing once samples and COC Form have been submitted to ALS Laboratory Group.
 Signature denotes acceptance of ALS Group USA, Corp. Terms and Conditions - Please click the link below for detailed Terms & Conditions:
<https://www.alsglobal.com/ALSGroupUSACorpTC>
 ALS copyright © 2024. All rights reserved.



ALS Holland
3352 128th Ave., Holland MI 49424

ALS Holland Sample Receiving Checklist

Received by: Diane F. Shaw

Date/Time: 1/20/26 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): 1.4/1.4°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: 1/20/26 0730

Water – VOA vials have zero headspace? Yes / No / No Vials

Water – pH acceptable upon receipt? Yes / No / N/A

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

pH adjusted (note adjustments below)? Yes / No / N/A

pH adjusted by: _____

Login Notes:

REPORT QUALIFIERS AND DEFINITIONS

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

Holland Laboratory Certifications¹

Agency	Type	ID	Issued	Expires
Alabama	Drinking Water (Secondary)	42500	12/17/2024	12/31/2025
Colorado	UST		07/01/2025	06/30/2026
Connecticut	Drinking Water (Secondary)	PH-0155	12/10/2024	12/31/2026
Florida	NELAP (Primary)	E871106	07/01/2025	06/30/2026
Illinois	NELAP (Secondary)	200076	11/14/2024	12/31/2025
Indiana	Drinking Water (Secondary)	C-MI-08	12/31/2024	09/04/2026
Iowa	State Specific	403	09/01/2025	09/01/2027
Kansas	NELAP (Secondary)	E-10411	08/01/2025	07/31/2026
Kentucky	Waste Water	KY98004	12/20/2024	12/31/2025
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	12/17/2024	12/31/2025
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	02/12/2025	01/31/2026
USDA	Domestic CA	Soil-MI-007	02/06/2025	08/07/2026
USDA	Soil Import	525-23-62-77572	03/03/2023	03/03/2026
West Virginia	State Specific	355	06/07/2025	08/31/2026
Wisconsin	State Specific	399084510	08/08/2025	08/31/2026

¹ - Scope available upon request

ANALYST SUMMARY



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada

Work Order: HN2600860

Sample Name: 3729 SB01 (1-2')_20260119
Laboratory Code: HN2600860-001
Sample Matrix: SOIL/SOLID

Date Collected: 01/19/26
Date Received: 01/20/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		001-AC	2423452		3831157	Nicole Maleski
EPA 6020B	EPA 3050B	001-AC	2427667	Amber Luke	3839311	Hunter Johnson
EPA 7471B	Method	001-AC	2429985	Maxx Richey	3843658	Maxx Richey
EPA 8081B	EPA 3546	001-AC	2426107	Benjamin Farmer	3843705	Quinn Garner
EPA 8082A	EPA 3546	001-AC	2426109	Benjamin Farmer	3842885	Nathaniel Dietlin
EPA 8151A	Method	001-AC	2425155	Willow Julien	3838453	Kathy Malmyga
EPA 8260D	EPA 5035A	001-AA	2423185	Jonathan Vazquez	3836408	John Garvale
EPA 8260D	EPA 5035A	001-AA	2423185	Jonathan Vazquez	3837825	Bailey Gilmore
EPA 8270E	EPA 3546	001-AC	2426141	Benjamin Farmer	3839821	Sam Marcotte
EPA 8270E	EPA 3546	001-AC	2426141	Benjamin Farmer	3843694	Sam Marcotte
EPA 9056A	EPA 9056A	001-AC	2422993	Kelsey Beaudette	3832077	Quoc Nguyen

Sample Name: 3729 SB02 (3-4')_20260119
Laboratory Code: HN2600860-002
Sample Matrix: SOIL/SOLID

Date Collected: 01/19/26
Date Received: 01/20/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		002-AC	2423794		3831791	Nicole Maleski
EPA 6020B	EPA 3050B	002-AC	2427667	Amber Luke	3839311	Hunter Johnson
EPA 7471B	Method	002-AC	2429985	Maxx Richey	3843658	Maxx Richey
EPA 8081B	EPA 3546	002-AC	2426107	Benjamin Farmer	3843705	Quinn Garner
EPA 8082A	EPA 3546	002-AC	2426109	Benjamin Farmer	3842885	Nathaniel Dietlin
EPA 8151A	Method	002-AC	2425155	Willow Julien	3838453	Kathy Malmyga
EPA 8260D	EPA 5035A	002-AA	2423185	Jonathan Vazquez	3836408	John Garvale
EPA 8260D	EPA 5035A	002-AA	2423185	Jonathan Vazquez	3837825	Bailey Gilmore
EPA 8270E	EPA 3546	002-AC	2426141	Benjamin Farmer	3839821	Sam Marcotte
EPA 8270E	EPA 3546	002-AC	2426141	Benjamin Farmer	3843694	Sam Marcotte
EPA 9056A	EPA 9056A	002-AC	2422993	Kelsey Beaudette	3832077	Quoc Nguyen

ANALYST SUMMARY



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada

Work Order: HN2600860

Sample Name: 3729 SB03 (5-6')_20260119
Laboratory Code: HN2600860-003
Sample Matrix: SOIL/SOLID

Date Collected: 01/19/26
Date Received: 01/20/26

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		003-AC	2423794		3831791	Nicole Maleski
EPA 6020B	EPA 3050B	003-AC	2427667	Amber Luke	3839311	Hunter Johnson
EPA 7471B	Method	003-AC	2429986	Maxx Richey	3843660	Maxx Richey
EPA 8081B	EPA 3546	003-AC	2426107	Benjamin Farmer	3843705	Quinn Garner
EPA 8082A	EPA 3546	003-AC	2426109	Benjamin Farmer	3842885	Nathaniel Dietlin
EPA 8151A	Method	003-AC	2425155	Willow Julien	3838453	Kathy Malmyga
EPA 8260D	EPA 5035A	003-AA	2423185	Jonathan Vazquez	3836408	John Garvale
EPA 8260D	EPA 5035A	003-AA	2423185	Jonathan Vazquez	3837825	Bailey Gilmore
EPA 8270E	EPA 3546	003-AC	2426141	Benjamin Farmer	3839821	Sam Marcotte
EPA 8270E	EPA 3546	003-AC	2426141	Benjamin Farmer	3843694	Sam Marcotte
EPA 9056A	EPA 9056A	003-AC	2422993	Kelsey Beaudette	3832077	Quoc Nguyen

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:46
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB01 (1-2')_20260119

Lab ID: HN2600860-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<2.69	U	µg/kg	14.6	1	01/23/26 22:56	01/21/26 13:24
2,4,5-TP (Silvex)	EPA 8151A	<4.79	U	µg/kg	14.6	1	01/23/26 22:56	01/21/26 13:24
2,4-D	EPA 8151A	<7.80	U	µg/kg	29.2	1	01/23/26 22:56	01/21/26 13:24
<i>Surr: DCAA</i>	<i>EPA 8151A</i>	56.0		<i>%REC</i>	<i>10-116</i>	<i>1</i>	<i>01/23/26 22:56</i>	<i>01/21/26 13:24</i>
General Chemistry Parameters								
Percent Moisture	EPA 3550C	14.7		%	0.1	1	01/20/26 15:48	NA
Chloride	EPA 9056A	36.5		mg/kg	13.2	1	01/21/26 02:31	01/20/26 11:58
Metals								
Arsenic	EPA 6020B	5.37		mg/kg	3.18	10	01/23/26 18:34	01/23/26 11:12
Barium	EPA 6020B	65.2		mg/kg	3.18	10	01/23/26 18:34	01/23/26 11:12
Cadmium	EPA 6020B	<0.191	U	mg/kg	1.27	10	01/23/26 18:34	01/23/26 11:12
Chromium	EPA 6020B	10.8		mg/kg	3.18	10	01/23/26 18:34	01/23/26 11:12
Copper	EPA 6020B	17.8		mg/kg	3.18	10	01/23/26 18:34	01/23/26 11:12
Lead	EPA 6020B	58.6		mg/kg	3.18	10	01/23/26 18:34	01/23/26 11:12
Selenium	EPA 6020B	<2.93	U	mg/kg	3.18	10	01/23/26 18:34	01/23/26 11:12
Silver	EPA 6020B	<0.420	U	mg/kg	3.18	10	01/23/26 18:34	01/23/26 11:12
Zinc	EPA 6020B	87.7		mg/kg	6.37	10	01/23/26 18:34	01/23/26 11:12
Mercury	EPA 7471B	0.0298		mg/kg	0.0200	1	01/27/26 11:01	01/26/26 14:29
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<17.4	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
4,4'-DDE	EPA 8081B	<18.0	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
4,4'-DDT	EPA 8081B	<18.1	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
Aldrin	EPA 8081B	<17.7	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
alpha-BHC	EPA 8081B	<18.0	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
beta-BHC	EPA 8081B	<17.9	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
Chlordane, Technical	EPA 8081B	<27.0	U	µg/kg	68.2	1	01/27/26 04:34	01/22/26 08:37
cis-Chlordane	EPA 8081B	<18.2	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
delta-BHC	EPA 8081B	<17.9	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
Dieldrin	EPA 8081B	<19.1	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:46
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB01 (1-2')_20260119

Lab ID: HN2600860-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<18.3	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
Endosulfan II	EPA 8081B	<18.1	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
Endosulfan sulfate	EPA 8081B	<16.8	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
Endrin	EPA 8081B	<22.1	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
Endrin aldehyde	EPA 8081B	<17.3	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
Endrin ketone	EPA 8081B	<16.6	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
gamma-BHC (Lindane)	EPA 8081B	<17.9	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
Heptachlor	EPA 8081B	<17.6	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
Heptachlor epoxide	EPA 8081B	<18.0	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
Methoxychlor	EPA 8081B	<18.2	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
Toxaphene	EPA 8081B	<29.5	U	µg/kg	164	1	01/27/26 04:34	01/22/26 08:37
trans-Chlordane	EPA 8081B	<18.1	U	µg/kg	27.3	1	01/27/26 04:34	01/22/26 08:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8081B</i>	71.1		<i>%REC</i>	<i>53-151</i>	<i>1</i>	<i>01/27/26 04:34</i>	<i>01/22/26 08:37</i>
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8081B</i>	58.0	<i>S</i>	<i>%REC</i>	<i>67-127</i>	<i>1</i>	<i>01/27/26 04:34</i>	<i>01/22/26 08:37</i>

Polychlorinated Biphenyls (PCBs) by GC/ECD

Aroclor 1016	EPA 8082A	<62.4	U	µg/kg	182	1	01/24/26 08:52	01/22/26 08:37
Aroclor 1221	EPA 8082A	<62.4	U	µg/kg	182	1	01/24/26 08:52	01/22/26 08:37
Aroclor 1232	EPA 8082A	<62.4	U	µg/kg	182	1	01/24/26 08:52	01/22/26 08:37
Aroclor 1242	EPA 8082A	<62.4	U	µg/kg	182	1	01/24/26 08:52	01/22/26 08:37
Aroclor 1248	EPA 8082A	<62.4	U	µg/kg	182	1	01/24/26 08:52	01/22/26 08:37
Aroclor 1254	EPA 8082A	<50.8	U	µg/kg	182	1	01/24/26 08:52	01/22/26 08:37
Aroclor 1260	EPA 8082A	<50.8	U	µg/kg	182	1	01/24/26 08:52	01/22/26 08:37
Aroclor 1262	EPA 8082A	<50.8	U	µg/kg	182	1	01/24/26 08:52	01/22/26 08:37
Aroclor 1268	EPA 8082A	<50.8	U	µg/kg	182	1	01/24/26 08:52	01/22/26 08:37
Total PCB	EPA 8082A	<50.8	U	µg/kg	182	1	01/24/26 08:52	01/22/26 08:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8082A</i>	105		<i>%REC</i>	<i>54-146</i>	<i>1</i>	<i>01/24/26 08:52</i>	<i>01/22/26 08:37</i>
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8082A</i>	77.0		<i>%REC</i>	<i>58-140</i>	<i>1</i>	<i>01/24/26 08:52</i>	<i>01/22/26 08:37</i>

Semivolatile Organic Compounds by GC-MS

1,1'-Biphenyl (BZ-0)	EPA 8270E	<22.1	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<31.4	U	µg/kg	1360	1	01/23/26 23:48	01/22/26 08:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:46
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB01 (1-2')_20260119

Lab ID: HN2600860-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<97.5	U	µg/kg	680	1	01/23/26 23:48	01/22/26 08:37
1-Methylnaphthalene	EPA 8270E	62.6		µg/kg	27.2	1	01/23/26 23:48	01/22/26 08:37
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<31.9	SU	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
2,3,4,6-Tetrachlorophenol	EPA 8270E	<99.6	U	µg/kg	272	1	01/23/26 23:48	01/22/26 08:37
2,4,5-Trichlorophenol	EPA 8270E	<80.6	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
2,4,6-Trichlorophenol	EPA 8270E	<36.2	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
2,4-Dichlorophenol	EPA 8270E	<73.2	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
2,4-Dimethylphenol	EPA 8270E	<69.9	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
2,4-Dinitrophenol	EPA 8270E	<995	U	µg/kg	1360	1	01/23/26 23:48	01/22/26 08:37
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<88.4	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<34.7	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
2-Chloronaphthalene	EPA 8270E	<19.0	U	µg/kg	27.2	1	01/23/26 23:48	01/22/26 08:37
2-Chlorophenol	EPA 8270E	<89.0	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<114	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
2-Methylnaphthalene	EPA 8270E	89.8		µg/kg	27.2	1	01/23/26 23:48	01/22/26 08:37
2-Methylphenol (o-Cresol)	EPA 8270E	<36.8	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
2-Nitroaniline	EPA 8270E	<75.5	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
2-Nitrophenol	EPA 8270E	<38.8	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
3&4-Methylphenol	EPA 8270E	<74.2	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
3,3'-Dichlorobenzidine	EPA 8270E	<63.5	U	µg/kg	680	1	01/23/26 23:48	01/22/26 08:37
3-Nitroaniline	EPA 8270E	<79.0	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<74.5	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
4-Chloro-3-methylphenol	EPA 8270E	<38.8	SU	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
4-Chloroaniline	EPA 8270E	<69.1	U	µg/kg	272	1	01/23/26 23:48	01/22/26 08:37
4-Chlorophenyl phenylether	EPA 8270E	<37.6	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
4-Nitroaniline	EPA 8270E	<211	U	µg/kg	680	1	01/23/26 23:48	01/22/26 08:37
4-Nitrophenol	EPA 8270E	<319	U	µg/kg	1360	1	01/23/26 23:48	01/22/26 08:37
Acenaphthene	EPA 8270E	<19.7	U	µg/kg	27.2	1	01/23/26 23:48	01/22/26 08:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:46
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB01 (1-2')_20260119

Lab ID: HN2600860-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<23.6	U	µg/kg	27.2	1	01/23/26 23:48	01/22/26 08:37
Acetophenone	EPA 8270E	<21.3	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
Anthracene	EPA 8270E	<19.2	U	µg/kg	27.2	1	01/23/26 23:48	01/22/26 08:37
Atrazine	EPA 8270E	<79.7	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
Benzaldehyde	EPA 8270E	<209	U	µg/kg	272	1	01/23/26 23:48	01/22/26 08:37
Benzo(a)anthracene	EPA 8270E	109		µg/kg	27.2	1	01/23/26 23:48	01/22/26 08:37
Benzo(a)pyrene	EPA 8270E	131		µg/kg	27.2	1	01/23/26 23:48	01/22/26 08:37
Benzo(b)fluoranthene	EPA 8270E	209		µg/kg	27.2	1	01/23/26 23:48	01/22/26 08:37
Benzo(g,h,i)perylene	EPA 8270E	117		µg/kg	27.2	1	01/23/26 23:48	01/22/26 08:37
Benzo(k)fluoranthene	EPA 8270E	180		µg/kg	27.2	1	01/23/26 23:48	01/22/26 08:37
bis(2-Chloroethoxy) methane	EPA 8270E	<86.1	SU	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
bis(2-Chloroethyl) ether	EPA 8270E	<38.5	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
Butyl benzyl phthalate	EPA 8270E	<170	U	µg/kg	272	1	01/23/26 23:48	01/22/26 08:37
Caprolactam	EPA 8270E	<123	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
Carbazole	EPA 8270E	<40.1	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
Chrysene	EPA 8270E	97.9		µg/kg	27.2	1	01/23/26 23:48	01/22/26 08:37
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	<113	SU	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
Dibenz(a,h) anthracene	EPA 8270E	<14.7	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
Dibenzofuran	EPA 8270E	<20.0	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
Diethyl phthalate	EPA 8270E	<46.3	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
Dimethyl phthalate	EPA 8270E	<26.5	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
Fluoranthene	EPA 8270E	193		µg/kg	27.2	1	01/23/26 23:48	01/22/26 08:37
Fluorene	EPA 8270E	<19.8	U	µg/kg	27.2	1	01/23/26 23:48	01/22/26 08:37
Hexachlorobenzene	EPA 8270E	<39.6	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
Hexachlorobutadiene	EPA 8270E	<32.0	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
Hexachlorocyclopentadiene	EPA 8270E	<129	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
Hexachloroethane	EPA 8270E	<56.3	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
Indeno(1,2,3-cd) pyrene	EPA 8270E	62.6		µg/kg	27.2	1	01/26/26 19:39	01/22/26 08:37
Isophorone	EPA 8270E	<26.6	SU	µg/kg	680	1	01/23/26 23:48	01/22/26 08:37
Methylphenol, Total	EPA 8270E	<36.8	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:46
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB01 (1-2')_20260119

Lab ID: HN2600860-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<17.4	U	µg/kg	27.2	1	01/23/26 23:48	01/22/26 08:37
Nitrobenzene	EPA 8270E	<45.7	U	µg/kg	680	1	01/23/26 23:48	01/22/26 08:37
n-Nitrosodi-n-propylamine	EPA 8270E	<22.4	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
N-Nitrosodiphenylamine	EPA 8270E	<78.8	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
Pentachlorophenol	EPA 8270E	<108	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
Phenanthrene	EPA 8270E	97.9		µg/kg	27.2	1	01/23/26 23:48	01/22/26 08:37
Phenol	EPA 8270E	<68.3	U	µg/kg	135	1	01/23/26 23:48	01/22/26 08:37
Pyrene	EPA 8270E	212		µg/kg	27.2	1	01/23/26 23:48	01/22/26 08:37
Pyridine	EPA 8270E	<268	U	µg/kg	680	1	01/23/26 23:48	01/22/26 08:37
<i>Surr: 2,4,6-Tribromophenol</i>	<i>EPA 8270E</i>	90.4		%REC	48-94	1	01/23/26 23:48	01/22/26 08:37
<i>Surr: 2-Fluorobiphenyl</i>	<i>EPA 8270E</i>	73.2		%REC	50-103	1	01/23/26 23:48	01/22/26 08:37
<i>Surr: 2-Fluorophenol</i>	<i>EPA 8270E</i>	82.3		%REC	43-105	1	01/23/26 23:48	01/22/26 08:37
<i>Surr: 4-Terphenyl-d14</i>	<i>EPA 8270E</i>	96.3		%REC	55-111	1	01/23/26 23:48	01/22/26 08:37
<i>Surr: Nitrobenzene-d5</i>	<i>EPA 8270E</i>	91.0		%REC	47-100	1	01/23/26 23:48	01/22/26 08:37
<i>Surr: Phenol-d6</i>	<i>EPA 8270E</i>	88.7		%REC	49-110	1	01/23/26 23:48	01/22/26 08:37

Volatile Organic Compounds by GC-MS

1,1,1-Trichloroethane	EPA 8260D	<30.3	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
1,1,2,2-Tetrachloroethane	EPA 8260D	<29.5	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<42.4	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
1,1,2-Trichloroethane	EPA 8260D	<28.4	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
1,1-Dichloroethane	EPA 8260D	<24.4	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
1,1-Dichloroethylene	EPA 8260D	<21.7	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
1,2,3-Trichlorobenzene	EPA 8260D	<80.3	U	µg/kg	223	1	01/22/26 05:13	01/20/26 11:23
1,2,3-Trichloropropane	EPA 8260D	<28.0	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
1,2,4-Trichlorobenzene	EPA 8260D	<75.8	U	µg/kg	223	1	01/22/26 05:13	01/20/26 11:23
1,2,4-Trimethylbenzene	EPA 8260D	<49.1	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<61.6	U	µg/kg	223	1	01/22/26 05:13	01/20/26 11:23
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<39.3	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<25.4	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:46
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB01 (1-2')_20260119

Lab ID: HN2600860-001

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<39.3	U	µg/kg	223	1	01/22/26 05:13	01/20/26 11:23
1,2-Dichloropropane	EPA 8260D	<49.3	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
1,3,5-Trimethylbenzene	EPA 8260D	<47.2	U	µg/kg	223	1	01/22/26 05:13	01/20/26 11:23
1,3-Dichlorobenzene (m-Dichlorobenzene)	EPA 8260D	<46.2	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
1,3-Dichloropropene	EPA 8260D	<37.3	U	µg/kg	134	1	01/22/26 05:13	01/20/26 11:23
1,4-Dichlorobenzene (p-Dichlorobenzene)	EPA 8260D	<54.4	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<159	U	µg/kg	446	1	01/22/26 05:13	01/20/26 11:23
2-Hexanone	EPA 8260D	<33.2	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<62.3	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Acetone	EPA 8260D	<199	U	µg/kg	223	1	01/22/26 05:13	01/20/26 11:23
Benzene	EPA 8260D	<32.4	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Bromochloromethane	EPA 8260D	<34.0	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Bromodichloromethane	EPA 8260D	<37.5	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Bromoform	EPA 8260D	<28.2	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Carbon disulfide	EPA 8260D	<34.6	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Carbon tetrachloride	EPA 8260D	<26.2	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Chlorobenzene	EPA 8260D	<22.2	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Chlorodibromomethane	EPA 8260D	<37.6	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Chloroethane (Ethyl chloride)	EPA 8260D	<187	U	µg/kg	223	1	01/22/26 05:13	01/20/26 11:23
Chloroform	EPA 8260D	<24.5	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
cis-1,2-Dichloroethylene	EPA 8260D	<43.0	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
cis-1,3-Dichloropropene	EPA 8260D	<50.4	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Cyclohexane	EPA 8260D	<51.2	U	µg/kg	223	1	01/22/26 05:13	01/20/26 11:23
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<81.0	U	µg/kg	223	1	01/22/26 05:13	01/20/26 11:23
Ethylbenzene	EPA 8260D	<47.5	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Isopropylbenzene	EPA 8260D	<42.3	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
m+p-Xylene	EPA 8260D	<89.2	U	µg/kg	134	1	01/22/26 05:13	01/20/26 11:23
Methyl acetate	EPA 8260D	<80.1	U	µg/kg	557	1	01/22/26 05:13	01/20/26 11:23
Methyl bromide (Bromomethane)	EPA 8260D	<128	U	µg/kg	223	1	01/22/26 05:13	01/20/26 11:23

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:46
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB01 (1-2')_20260119

Lab ID: HN2600860-001

Analyte	Method	Results	Qual	Units	MRL	Dilution	Date	Date
						Factor	Analyzed	Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<183	U	µg/kg	223	1	01/22/26 16:37	01/20/26 11:23
Methyl tert-butyl ether (MTBE)	EPA 8260D	<48.8	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Methylcyclohexane	EPA 8260D	<25.5	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Methylene chloride (Dichloromethane)	EPA 8260D	<178	U	µg/kg	557	1	01/22/26 05:13	01/20/26 11:23
o-Xylene	EPA 8260D	<25.9	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Styrene	EPA 8260D	<26.5	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<40.3	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Toluene	EPA 8260D	<55.1	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Total Xylene	EPA 8260D	<25.9	U	µg/kg	201	1	01/22/26 05:13	01/20/26 11:23
trans-1,2-Dichloroethylene	EPA 8260D	<55.2	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
trans-1,3-Dichloropropylene	EPA 8260D	<37.3	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Trichloroethene (Trichloroethylene)	EPA 8260D	<30.0	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<34.2	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
Vinyl chloride (Chloroethene)	EPA 8260D	<44.5	U	µg/kg	66.9	1	01/22/26 05:13	01/20/26 11:23
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>EPA 8260D</i>	98.4		<i>%REC</i>	<i>80-120</i>	<i>1</i>	<i>01/22/26 05:13</i>	<i>01/20/26 11:23</i>
<i>Surr: 4-Bromofluorobenzene</i>	<i>EPA 8260D</i>	91.3		<i>%REC</i>	<i>80-120</i>	<i>1</i>	<i>01/22/26 05:13</i>	<i>01/20/26 11:23</i>
<i>Surr: Dibromofluoromethane</i>	<i>EPA 8260D</i>	93.8		<i>%REC</i>	<i>72-120</i>	<i>1</i>	<i>01/22/26 05:13</i>	<i>01/20/26 11:23</i>
<i>Surr: Toluene-d8</i>	<i>EPA 8260D</i>	95.6		<i>%REC</i>	<i>80-120</i>	<i>1</i>	<i>01/22/26 05:13</i>	<i>01/20/26 11:23</i>

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:49
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB02 (3-4')_20260119

Lab ID: HN2600860-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<2.42	U	µg/kg	13.2	1	01/23/26 23:27	01/21/26 13:24
2,4,5-TP (Silvex)	EPA 8151A	<4.32	U	µg/kg	13.2	1	01/23/26 23:27	01/21/26 13:24
2,4-D	EPA 8151A	<7.03	U	µg/kg	26.3	1	01/23/26 23:27	01/21/26 13:24
<i>Surr: DCAA</i>	<i>EPA 8151A</i>	54.0		<i>%REC</i>	<i>10-116</i>	<i>1</i>	<i>01/23/26 23:27</i>	<i>01/21/26 13:24</i>
General Chemistry Parameters								
Percent Moisture	EPA 3550C	14.2		%	0.1	1	01/20/26 17:00	NA
Chloride	EPA 9056A	45.7		mg/kg	12.1	1	01/21/26 02:55	01/20/26 11:58
Metals								
Arsenic	EPA 6020B	8.99		mg/kg	3.32	10	01/23/26 18:36	01/23/26 11:12
Barium	EPA 6020B	64.0		mg/kg	3.32	10	01/23/26 18:36	01/23/26 11:12
Cadmium	EPA 6020B	<0.199	U	mg/kg	1.33	10	01/23/26 18:36	01/23/26 11:12
Chromium	EPA 6020B	14.2		mg/kg	3.32	10	01/23/26 18:36	01/23/26 11:12
Copper	EPA 6020B	16.9		mg/kg	3.32	10	01/23/26 18:36	01/23/26 11:12
Lead	EPA 6020B	11.9		mg/kg	3.32	10	01/23/26 18:36	01/23/26 11:12
Selenium	EPA 6020B	<3.05	U	mg/kg	3.32	10	01/23/26 18:36	01/23/26 11:12
Silver	EPA 6020B	<0.438	U	mg/kg	3.32	10	01/23/26 18:36	01/23/26 11:12
Zinc	EPA 6020B	41.8		mg/kg	6.63	10	01/23/26 18:36	01/23/26 11:12
Mercury	EPA 7471B	<0.0146	U	mg/kg	0.0215	1	01/27/26 11:03	01/26/26 14:29
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<17.7	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
4,4'-DDE	EPA 8081B	<18.3	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
4,4'-DDT	EPA 8081B	<18.5	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
Aldrin	EPA 8081B	<18.0	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
alpha-BHC	EPA 8081B	<18.3	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
beta-BHC	EPA 8081B	<18.2	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
Chlordane, Technical	EPA 8081B	<27.5	U	µg/kg	69.4	1	01/27/26 04:48	01/22/26 08:37
cis-Chlordane	EPA 8081B	<18.5	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
delta-BHC	EPA 8081B	<18.2	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
Dieldrin	EPA 8081B	<19.4	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:49
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB02 (3-4')_20260119

Lab ID: HN2600860-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<18.7	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
Endosulfan II	EPA 8081B	<18.4	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
Endosulfan sulfate	EPA 8081B	<17.1	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
Endrin	EPA 8081B	<22.5	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
Endrin aldehyde	EPA 8081B	<17.6	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
Endrin ketone	EPA 8081B	<16.9	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
gamma-BHC (Lindane)	EPA 8081B	<18.2	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
Heptachlor	EPA 8081B	<17.9	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
Heptachlor epoxide	EPA 8081B	<18.4	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
Methoxychlor	EPA 8081B	<18.6	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
Toxaphene	EPA 8081B	<30.0	U	µg/kg	167	1	01/27/26 04:48	01/22/26 08:37
trans-Chlordane	EPA 8081B	<18.4	U	µg/kg	27.8	1	01/27/26 04:48	01/22/26 08:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8081B</i>	68.1		<i>%REC</i>	<i>53-151</i>	<i>1</i>	<i>01/27/26 04:48</i>	<i>01/22/26 08:37</i>
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8081B</i>	67.9		<i>%REC</i>	<i>67-127</i>	<i>1</i>	<i>01/27/26 04:48</i>	<i>01/22/26 08:37</i>

Polychlorinated Biphenyls (PCBs) by GC/ECD

Aroclor 1016	EPA 8082A	<63.4	U	µg/kg	185	1	01/24/26 09:28	01/22/26 08:37
Aroclor 1221	EPA 8082A	<63.4	U	µg/kg	185	1	01/24/26 09:28	01/22/26 08:37
Aroclor 1232	EPA 8082A	<63.4	U	µg/kg	185	1	01/24/26 09:28	01/22/26 08:37
Aroclor 1242	EPA 8082A	<63.4	U	µg/kg	185	1	01/24/26 09:28	01/22/26 08:37
Aroclor 1248	EPA 8082A	<63.4	U	µg/kg	185	1	01/24/26 09:28	01/22/26 08:37
Aroclor 1254	EPA 8082A	<51.7	U	µg/kg	185	1	01/24/26 09:28	01/22/26 08:37
Aroclor 1260	EPA 8082A	<51.7	U	µg/kg	185	1	01/24/26 09:28	01/22/26 08:37
Aroclor 1262	EPA 8082A	<51.7	U	µg/kg	185	1	01/24/26 09:28	01/22/26 08:37
Aroclor 1268	EPA 8082A	<51.7	U	µg/kg	185	1	01/24/26 09:28	01/22/26 08:37
Total PCB	EPA 8082A	<51.7	U	µg/kg	185	1	01/24/26 09:28	01/22/26 08:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8082A</i>	104		<i>%REC</i>	<i>54-146</i>	<i>1</i>	<i>01/24/26 09:28</i>	<i>01/22/26 08:37</i>
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8082A</i>	85.5		<i>%REC</i>	<i>58-140</i>	<i>1</i>	<i>01/24/26 09:28</i>	<i>01/22/26 08:37</i>

Semivolatile Organic Compounds by GC-MS

1,1'-Biphenyl (BZ-0)	EPA 8270E	<14.3	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<20.3	U	µg/kg	880	1	01/24/26 00:16	01/22/26 08:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:49
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB02 (3-4')_20260119

Lab ID: HN2600860-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<63.1	U	µg/kg	440	1	01/24/26 00:16	01/22/26 08:37
1-Methylnaphthalene	EPA 8270E	<12.7	U	µg/kg	17.6	1	01/24/26 00:16	01/22/26 08:37
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<20.6	SU	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
2,3,4,6-Tetrachlorophenol	EPA 8270E	<64.5	U	µg/kg	176	1	01/24/26 00:16	01/22/26 08:37
2,4,5-Trichlorophenol	EPA 8270E	<52.2	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
2,4,6-Trichlorophenol	EPA 8270E	<23.4	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
2,4-Dichlorophenol	EPA 8270E	<47.4	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
2,4-Dimethylphenol	EPA 8270E	<45.3	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
2,4-Dinitrophenol	EPA 8270E	<644	U	µg/kg	880	1	01/24/26 00:16	01/22/26 08:37
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<57.2	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<22.5	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
2-Chloronaphthalene	EPA 8270E	<12.3	U	µg/kg	17.6	1	01/24/26 00:16	01/22/26 08:37
2-Chlorophenol	EPA 8270E	<57.6	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<73.5	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
2-Methylnaphthalene	EPA 8270E	<8.96	U	µg/kg	17.6	1	01/24/26 00:16	01/22/26 08:37
2-Methylphenol (o-Cresol)	EPA 8270E	<23.8	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
2-Nitroaniline	EPA 8270E	<48.9	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
2-Nitrophenol	EPA 8270E	<25.1	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
3&4-Methylphenol	EPA 8270E	<48.0	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
3,3'-Dichlorobenzidine	EPA 8270E	<41.1	U	µg/kg	440	1	01/24/26 00:16	01/22/26 08:37
3-Nitroaniline	EPA 8270E	<51.1	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<48.2	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
4-Chloro-3-methylphenol	EPA 8270E	<25.1	SU	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
4-Chloroaniline	EPA 8270E	<44.8	U	µg/kg	176	1	01/24/26 00:16	01/22/26 08:37
4-Chlorophenyl phenylether	EPA 8270E	<24.3	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
4-Nitroaniline	EPA 8270E	<137	U	µg/kg	440	1	01/24/26 00:16	01/22/26 08:37
4-Nitrophenol	EPA 8270E	<206	U	µg/kg	880	1	01/24/26 00:16	01/22/26 08:37
Acenaphthene	EPA 8270E	<12.7	U	µg/kg	17.6	1	01/24/26 00:16	01/22/26 08:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:49
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB02 (3-4')_20260119

Lab ID: HN2600860-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<15.3	U	µg/kg	17.6	1	01/24/26 00:16	01/22/26 08:37
Acetophenone	EPA 8270E	<13.8	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
Anthracene	EPA 8270E	<12.4	U	µg/kg	17.6	1	01/24/26 00:16	01/22/26 08:37
Atrazine	EPA 8270E	<51.6	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
Benzaldehyde	EPA 8270E	<135	U	µg/kg	176	1	01/24/26 00:16	01/22/26 08:37
Benzo(a)anthracene	EPA 8270E	74.0		µg/kg	17.6	1	01/24/26 00:16	01/22/26 08:37
Benzo(a)pyrene	EPA 8270E	52.8		µg/kg	17.6	1	01/24/26 00:16	01/22/26 08:37
Benzo(b)fluoranthene	EPA 8270E	88.1		µg/kg	17.6	1	01/24/26 00:16	01/22/26 08:37
Benzo(g,h,i)perylene	EPA 8270E	68.7		µg/kg	17.6	1	01/24/26 00:16	01/22/26 08:37
Benzo(k)fluoranthene	EPA 8270E	77.5		µg/kg	17.6	1	01/24/26 00:16	01/22/26 08:37
bis(2-Chloroethoxy) methane	EPA 8270E	<55.8	SU	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
bis(2-Chloroethyl) ether	EPA 8270E	<24.9	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
Butyl benzyl phthalate	EPA 8270E	<110	U	µg/kg	176	1	01/24/26 00:16	01/22/26 08:37
Caprolactam	EPA 8270E	<79.5	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
Carbazole	EPA 8270E	<26.0	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
Chrysene	EPA 8270E	88.1		µg/kg	17.6	1	01/24/26 00:16	01/22/26 08:37
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	<72.8	SU	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
Dibenz(a,h) anthracene	EPA 8270E	<9.51	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
Dibenzofuran	EPA 8270E	<12.9	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
Diethyl phthalate	EPA 8270E	<30.0	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
Dimethyl phthalate	EPA 8270E	<17.2	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
Fluoranthene	EPA 8270E	56.4		µg/kg	17.6	1	01/24/26 00:16	01/22/26 08:37
Fluorene	EPA 8270E	<12.8	U	µg/kg	17.6	1	01/24/26 00:16	01/22/26 08:37
Hexachlorobenzene	EPA 8270E	<25.6	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
Hexachlorobutadiene	EPA 8270E	<20.7	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
Hexachlorocyclopentadiene	EPA 8270E	<83.5	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
Hexachloroethane	EPA 8270E	<36.5	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
Indeno(1,2,3-cd) pyrene	EPA 8270E	26.4		µg/kg	17.6	1	01/26/26 20:04	01/22/26 08:37
Isophorone	EPA 8270E	<17.2	SU	µg/kg	440	1	01/24/26 00:16	01/22/26 08:37
Methylphenol, Total	EPA 8270E	<23.8	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:49
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB02 (3-4')_20260119

Lab ID: HN2600860-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<11.3	U	µg/kg	17.6	1	01/24/26 00:16	01/22/26 08:37
Nitrobenzene	EPA 8270E	<29.6	U	µg/kg	440	1	01/24/26 00:16	01/22/26 08:37
n-Nitrosodi-n-propylamine	EPA 8270E	<14.5	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
N-Nitrosodiphenylamine	EPA 8270E	<51.0	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
Pentachlorophenol	EPA 8270E	<70.0	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
Phenanthrene	EPA 8270E	<8.19	U	µg/kg	17.6	1	01/24/26 00:16	01/22/26 08:37
Phenol	EPA 8270E	<44.2	U	µg/kg	87.2	1	01/24/26 00:16	01/22/26 08:37
Pyrene	EPA 8270E	72.2		µg/kg	17.6	1	01/24/26 00:16	01/22/26 08:37
Pyridine	EPA 8270E	<173	U	µg/kg	440	1	01/24/26 00:16	01/22/26 08:37
<i>Surr: 2,4,6-Tribromophenol</i>	<i>EPA 8270E</i>	86.5		<i>%REC</i>	<i>48-94</i>	<i>1</i>	<i>01/24/26 00:16</i>	<i>01/22/26 08:37</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>EPA 8270E</i>	70.3		<i>%REC</i>	<i>50-103</i>	<i>1</i>	<i>01/24/26 00:16</i>	<i>01/22/26 08:37</i>
<i>Surr: 2-Fluorophenol</i>	<i>EPA 8270E</i>	79.1		<i>%REC</i>	<i>43-105</i>	<i>1</i>	<i>01/24/26 00:16</i>	<i>01/22/26 08:37</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>EPA 8270E</i>	93.9		<i>%REC</i>	<i>55-111</i>	<i>1</i>	<i>01/24/26 00:16</i>	<i>01/22/26 08:37</i>
<i>Surr: Nitrobenzene-d5</i>	<i>EPA 8270E</i>	85.6		<i>%REC</i>	<i>47-100</i>	<i>1</i>	<i>01/24/26 00:16</i>	<i>01/22/26 08:37</i>
<i>Surr: Phenol-d6</i>	<i>EPA 8270E</i>	87.0		<i>%REC</i>	<i>49-110</i>	<i>1</i>	<i>01/24/26 00:16</i>	<i>01/22/26 08:37</i>

Volatile Organic Compounds by GC-MS

1,1,1-Trichloroethane	EPA 8260D	<29.2	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
1,1,2,2-Tetrachloroethane	EPA 8260D	<28.4	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<40.7	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
1,1,2-Trichloroethane	EPA 8260D	<27.3	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
1,1-Dichloroethane	EPA 8260D	<23.4	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
1,1-Dichloroethylene	EPA 8260D	<20.8	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
1,2,3-Trichlorobenzene	EPA 8260D	<77.1	U	µg/kg	214	1	01/22/26 05:30	01/20/26 11:23
1,2,3-Trichloropropane	EPA 8260D	<26.9	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
1,2,4-Trichlorobenzene	EPA 8260D	<72.8	U	µg/kg	214	1	01/22/26 05:30	01/20/26 11:23
1,2,4-Trimethylbenzene	EPA 8260D	<47.1	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<59.2	U	µg/kg	214	1	01/22/26 05:30	01/20/26 11:23
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<37.8	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<24.4	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:49
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB02 (3-4')_20260119

Lab ID: HN2600860-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<37.8	U	µg/kg	214	1	01/22/26 05:30	01/20/26 11:23
1,2-Dichloropropane	EPA 8260D	<47.4	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
1,3,5-Trimethylbenzene	EPA 8260D	<45.4	U	µg/kg	214	1	01/22/26 05:30	01/20/26 11:23
1,3-Dichlorobenzene (m-Dichlorobenzene)	EPA 8260D	<44.4	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
1,3-Dichloropropene	EPA 8260D	<35.9	U	µg/kg	129	1	01/22/26 05:30	01/20/26 11:23
1,4-Dichlorobenzene (p-Dichlorobenzene)	EPA 8260D	<52.2	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<153	U	µg/kg	428	1	01/22/26 05:30	01/20/26 11:23
2-Hexanone	EPA 8260D	<31.9	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<59.9	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Acetone	EPA 8260D	<191	U	µg/kg	214	1	01/22/26 05:30	01/20/26 11:23
Benzene	EPA 8260D	<31.1	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Bromochloromethane	EPA 8260D	<32.7	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Bromodichloromethane	EPA 8260D	<36.0	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Bromoform	EPA 8260D	<27.1	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Carbon disulfide	EPA 8260D	<33.3	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Carbon tetrachloride	EPA 8260D	<25.1	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Chlorobenzene	EPA 8260D	<21.3	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Chlorodibromomethane	EPA 8260D	<36.1	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Chloroethane (Ethyl chloride)	EPA 8260D	<180	U	µg/kg	214	1	01/22/26 05:30	01/20/26 11:23
Chloroform	EPA 8260D	<23.5	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
cis-1,2-Dichloroethylene	EPA 8260D	<41.3	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
cis-1,3-Dichloropropene	EPA 8260D	<48.4	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Cyclohexane	EPA 8260D	<49.2	U	µg/kg	214	1	01/22/26 05:30	01/20/26 11:23
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<77.8	U	µg/kg	214	1	01/22/26 05:30	01/20/26 11:23
Ethylbenzene	EPA 8260D	<45.6	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Isopropylbenzene	EPA 8260D	<40.6	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
m+p-Xylene	EPA 8260D	<85.7	U	µg/kg	129	1	01/22/26 05:30	01/20/26 11:23
Methyl acetate	EPA 8260D	<76.9	U	µg/kg	536	1	01/22/26 05:30	01/20/26 11:23
Methyl bromide (Bromomethane)	EPA 8260D	<123	U	µg/kg	214	1	01/22/26 05:30	01/20/26 11:23

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:49
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB02 (3-4')_20260119

Lab ID: HN2600860-002

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<176	U	µg/kg	214	1	01/22/26 16:53	01/20/26 11:23
Methyl tert-butyl ether (MTBE)	EPA 8260D	<46.9	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Methylcyclohexane	EPA 8260D	<24.5	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Methylene chloride (Dichloromethane)	EPA 8260D	<171	U	µg/kg	536	1	01/22/26 05:30	01/20/26 11:23
o-Xylene	EPA 8260D	<24.8	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Styrene	EPA 8260D	<25.5	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<38.7	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Toluene	EPA 8260D	<53.0	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Total Xylene	EPA 8260D	<24.8	U	µg/kg	193	1	01/22/26 05:30	01/20/26 11:23
trans-1,2-Dichloroethylene	EPA 8260D	<53.0	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
trans-1,3-Dichloropropylene	EPA 8260D	<35.9	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Trichloroethene (Trichloroethylene)	EPA 8260D	<28.8	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<32.9	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
Vinyl chloride (Chloroethene)	EPA 8260D	<42.7	U	µg/kg	64.3	1	01/22/26 05:30	01/20/26 11:23
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>EPA 8260D</i>	96.9		<i>%REC</i>	<i>80-120</i>	<i>1</i>	<i>01/22/26 05:30</i>	<i>01/20/26 11:23</i>
<i>Surr: 4-Bromofluorobenzene</i>	<i>EPA 8260D</i>	92.4		<i>%REC</i>	<i>80-120</i>	<i>1</i>	<i>01/22/26 05:30</i>	<i>01/20/26 11:23</i>
<i>Surr: Dibromofluoromethane</i>	<i>EPA 8260D</i>	91.8		<i>%REC</i>	<i>72-120</i>	<i>1</i>	<i>01/22/26 05:30</i>	<i>01/20/26 11:23</i>
<i>Surr: Toluene-d8</i>	<i>EPA 8260D</i>	96.7		<i>%REC</i>	<i>80-120</i>	<i>1</i>	<i>01/22/26 05:30</i>	<i>01/20/26 11:23</i>

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:51
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB03 (5-6')_20260119

Lab ID: HN2600860-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<2.52	U	µg/kg	13.7	1	01/23/26 23:42	01/21/26 13:24
2,4,5-TP (Silvex)	EPA 8151A	<4.50	U	µg/kg	13.7	1	01/23/26 23:42	01/21/26 13:24
2,4-D	EPA 8151A	<7.32	U	µg/kg	27.4	1	01/23/26 23:42	01/21/26 13:24
<i>Surr: DCAA</i>	<i>EPA 8151A</i>	46.0		<i>%REC</i>	<i>10-116</i>	<i>1</i>	<i>01/23/26 23:42</i>	<i>01/21/26 13:24</i>
General Chemistry Parameters								
Percent Moisture	EPA 3550C	16.4		%	0.1	1	01/20/26 17:00	NA
Chloride	EPA 9056A	76.2		mg/kg	13.0	1	01/21/26 03:03	01/20/26 11:58
Metals								
Arsenic	EPA 6020B	9.99		mg/kg	3.41	10	01/23/26 18:38	01/23/26 11:12
Barium	EPA 6020B	54.9		mg/kg	3.41	10	01/23/26 18:38	01/23/26 11:12
Cadmium	EPA 6020B	<0.205	U	mg/kg	1.36	10	01/23/26 18:38	01/23/26 11:12
Chromium	EPA 6020B	14.5		mg/kg	3.41	10	01/23/26 18:38	01/23/26 11:12
Copper	EPA 6020B	18.2		mg/kg	3.41	10	01/23/26 18:38	01/23/26 11:12
Lead	EPA 6020B	13.9		mg/kg	3.41	10	01/23/26 18:38	01/23/26 11:12
Selenium	EPA 6020B	<3.14	U	mg/kg	3.41	10	01/23/26 18:38	01/23/26 11:12
Silver	EPA 6020B	<0.450	U	mg/kg	3.41	10	01/23/26 18:38	01/23/26 11:12
Zinc	EPA 6020B	48.3		mg/kg	6.82	10	01/23/26 18:38	01/23/26 11:12
Mercury	EPA 7471B	0.0951	S	mg/kg	0.0200	1	01/27/26 11:13	01/26/26 13:55
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<17.9	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
4,4'-DDE	EPA 8081B	<18.4	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
4,4'-DDT	EPA 8081B	<18.6	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
Aldrin	EPA 8081B	<18.2	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
alpha-BHC	EPA 8081B	<18.4	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
beta-BHC	EPA 8081B	<18.4	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
Chlordane, Technical	EPA 8081B	<27.7	U	µg/kg	69.9	1	01/27/26 05:03	01/22/26 08:37
cis-Chlordane	EPA 8081B	<18.7	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
delta-BHC	EPA 8081B	<18.3	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
Dieldrin	EPA 8081B	<19.5	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:51
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB03 (5-6')_20260119

Lab ID: HN2600860-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<18.8	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
Endosulfan II	EPA 8081B	<18.5	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
Endosulfan sulfate	EPA 8081B	<17.2	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
Endrin	EPA 8081B	<22.6	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
Endrin aldehyde	EPA 8081B	<17.7	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
Endrin ketone	EPA 8081B	<17.0	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
gamma-BHC (Lindane)	EPA 8081B	<18.3	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
Heptachlor	EPA 8081B	<18.0	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
Heptachlor epoxide	EPA 8081B	<18.5	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
Methoxychlor	EPA 8081B	<18.7	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
Toxaphene	EPA 8081B	<30.2	U	µg/kg	168	1	01/27/26 05:03	01/22/26 08:37
trans-Chlordane	EPA 8081B	<18.6	U	µg/kg	27.9	1	01/27/26 05:03	01/22/26 08:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8081B</i>	69.3		<i>%REC</i>	<i>53-151</i>	<i>1</i>	<i>01/27/26 05:03</i>	<i>01/22/26 08:37</i>
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8081B</i>	63.2	<i>S</i>	<i>%REC</i>	<i>67-127</i>	<i>1</i>	<i>01/27/26 05:03</i>	<i>01/22/26 08:37</i>

Polychlorinated Biphenyls (PCBs) by GC/ECD

Aroclor 1016	EPA 8082A	<63.9	U	µg/kg	186	1	01/24/26 09:40	01/22/26 08:37
Aroclor 1221	EPA 8082A	<63.9	U	µg/kg	186	1	01/24/26 09:40	01/22/26 08:37
Aroclor 1232	EPA 8082A	<63.9	U	µg/kg	186	1	01/24/26 09:40	01/22/26 08:37
Aroclor 1242	EPA 8082A	<63.9	U	µg/kg	186	1	01/24/26 09:40	01/22/26 08:37
Aroclor 1248	EPA 8082A	<63.9	U	µg/kg	186	1	01/24/26 09:40	01/22/26 08:37
Aroclor 1254	EPA 8082A	<52.0	U	µg/kg	186	1	01/24/26 09:40	01/22/26 08:37
Aroclor 1260	EPA 8082A	<52.0	U	µg/kg	186	1	01/24/26 09:40	01/22/26 08:37
Aroclor 1262	EPA 8082A	<52.0	U	µg/kg	186	1	01/24/26 09:40	01/22/26 08:37
Aroclor 1268	EPA 8082A	<52.0	U	µg/kg	186	1	01/24/26 09:40	01/22/26 08:37
Total PCB	EPA 8082A	<52.0	U	µg/kg	186	1	01/24/26 09:40	01/22/26 08:37
<i>Surr: Decachlorobiphenyl</i>	<i>EPA 8082A</i>	106		<i>%REC</i>	<i>54-146</i>	<i>1</i>	<i>01/24/26 09:40</i>	<i>01/22/26 08:37</i>
<i>Surr: Tetrachloro-m-xylene</i>	<i>EPA 8082A</i>	79.9		<i>%REC</i>	<i>58-140</i>	<i>1</i>	<i>01/24/26 09:40</i>	<i>01/22/26 08:37</i>

Semivolatile Organic Compounds by GC-MS

1,1'-Biphenyl (BZ-0)	EPA 8270E	<15.4	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<21.9	U	µg/kg	949	1	01/24/26 00:44	01/22/26 08:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:51
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB03 (5-6')_20260119

Lab ID: HN2600860-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<68.1	U	µg/kg	475	1	01/24/26 00:44	01/22/26 08:37
1-Methylnaphthalene	EPA 8270E	<13.7	U	µg/kg	19.0	1	01/24/26 00:44	01/22/26 08:37
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<22.3	SU	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
2,3,4,6-Tetrachlorophenol	EPA 8270E	<69.6	U	µg/kg	190	1	01/24/26 00:44	01/22/26 08:37
2,4,5-Trichlorophenol	EPA 8270E	<56.3	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
2,4,6-Trichlorophenol	EPA 8270E	<25.3	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
2,4-Dichlorophenol	EPA 8270E	<51.1	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
2,4-Dimethylphenol	EPA 8270E	<48.8	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
2,4-Dinitrophenol	EPA 8270E	<694	U	µg/kg	949	1	01/24/26 00:44	01/22/26 08:37
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<61.7	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<24.2	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
2-Chloronaphthalene	EPA 8270E	<13.3	U	µg/kg	19.0	1	01/24/26 00:44	01/22/26 08:37
2-Chlorophenol	EPA 8270E	<62.1	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<79.3	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
2-Methylnaphthalene	EPA 8270E	32.3		µg/kg	19.0	1	01/24/26 00:44	01/22/26 08:37
2-Methylphenol (o-Cresol)	EPA 8270E	<25.7	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
2-Nitroaniline	EPA 8270E	<52.7	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
2-Nitrophenol	EPA 8270E	<27.1	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
3&4-Methylphenol	EPA 8270E	<51.8	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
3,3'-Dichlorobenzidine	EPA 8270E	<44.3	U	µg/kg	475	1	01/24/26 00:44	01/22/26 08:37
3-Nitroaniline	EPA 8270E	<55.1	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<52.0	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
4-Chloro-3-methylphenol	EPA 8270E	<27.1	SU	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
4-Chloroaniline	EPA 8270E	<48.3	U	µg/kg	190	1	01/24/26 00:44	01/22/26 08:37
4-Chlorophenyl phenylether	EPA 8270E	<26.2	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
4-Nitroaniline	EPA 8270E	<147	U	µg/kg	475	1	01/24/26 00:44	01/22/26 08:37
4-Nitrophenol	EPA 8270E	<222	U	µg/kg	949	1	01/24/26 00:44	01/22/26 08:37
Acenaphthene	EPA 8270E	<13.7	U	µg/kg	19.0	1	01/24/26 00:44	01/22/26 08:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:51
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB03 (5-6')_20260119

Lab ID: HN2600860-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<16.5	U	µg/kg	19.0	1	01/24/26 00:44	01/22/26 08:37
Acetophenone	EPA 8270E	<14.9	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
Anthracene	EPA 8270E	24.7		µg/kg	19.0	1	01/24/26 00:44	01/22/26 08:37
Atrazine	EPA 8270E	<55.6	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
Benzaldehyde	EPA 8270E	<146	U	µg/kg	190	1	01/24/26 00:44	01/22/26 08:37
Benzo(a)anthracene	EPA 8270E	114		µg/kg	19.0	1	01/24/26 00:44	01/22/26 08:37
Benzo(a)pyrene	EPA 8270E	152		µg/kg	19.0	1	01/24/26 00:44	01/22/26 08:37
Benzo(b)fluoranthene	EPA 8270E	190		µg/kg	19.0	1	01/24/26 00:44	01/22/26 08:37
Benzo(g,h,i)perylene	EPA 8270E	163		µg/kg	19.0	1	01/24/26 00:44	01/22/26 08:37
Benzo(k)fluoranthene	EPA 8270E	58.9		µg/kg	19.0	1	01/24/26 00:44	01/22/26 08:37
bis(2-Chloroethoxy) methane	EPA 8270E	<60.2	SU	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
bis(2-Chloroethyl) ether	EPA 8270E	<26.9	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
Butyl benzyl phthalate	EPA 8270E	<119	U	µg/kg	190	1	01/24/26 00:44	01/22/26 08:37
Caprolactam	EPA 8270E	<85.7	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
Carbazole	EPA 8270E	<28.0	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
Chrysene	EPA 8270E	142		µg/kg	19.0	1	01/24/26 00:44	01/22/26 08:37
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	<78.6	SU	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
Dibenz(a,h) anthracene	EPA 8270E	<10.3	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
Dibenzofuran	EPA 8270E	<14.0	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
Diethyl phthalate	EPA 8270E	<32.3	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
Dimethyl phthalate	EPA 8270E	<18.5	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
Fluoranthene	EPA 8270E	156		µg/kg	19.0	1	01/24/26 00:44	01/22/26 08:37
Fluorene	EPA 8270E	<13.8	U	µg/kg	19.0	1	01/24/26 00:44	01/22/26 08:37
Hexachlorobenzene	EPA 8270E	<27.6	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
Hexachlorobutadiene	EPA 8270E	<22.4	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
Hexachlorocyclopentadiene	EPA 8270E	<90.0	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
Hexachloroethane	EPA 8270E	<39.3	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
Indeno(1,2,3-cd) pyrene	EPA 8270E	83.6		µg/kg	19.0	1	01/26/26 20:29	01/22/26 08:37
Isophorone	EPA 8270E	<18.5	SU	µg/kg	475	1	01/24/26 00:44	01/22/26 08:37
Methylphenol, Total	EPA 8270E	<25.7	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:51
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB03 (5-6')_20260119

Lab ID: HN2600860-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<12.1	U	µg/kg	19.0	1	01/24/26 00:44	01/22/26 08:37
Nitrobenzene	EPA 8270E	<31.9	U	µg/kg	475	1	01/24/26 00:44	01/22/26 08:37
n-Nitrosodi-n-propylamine	EPA 8270E	<15.7	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
N-Nitrosodiphenylamine	EPA 8270E	<55.0	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
Pentachlorophenol	EPA 8270E	<75.5	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
Phenanthrene	EPA 8270E	106		µg/kg	19.0	1	01/24/26 00:44	01/22/26 08:37
Phenol	EPA 8270E	<47.7	U	µg/kg	94.0	1	01/24/26 00:44	01/22/26 08:37
Pyrene	EPA 8270E	224		µg/kg	19.0	1	01/24/26 00:44	01/22/26 08:37
Pyridine	EPA 8270E	<187	U	µg/kg	475	1	01/24/26 00:44	01/22/26 08:37
<i>Surr: 2,4,6-Tribromophenol</i>	<i>EPA 8270E</i>	85.9		<i>%REC</i>	<i>48-94</i>	<i>1</i>	<i>01/24/26 00:44</i>	<i>01/22/26 08:37</i>
<i>Surr: 2-Fluorobiphenyl</i>	<i>EPA 8270E</i>	68.7		<i>%REC</i>	<i>50-103</i>	<i>1</i>	<i>01/24/26 00:44</i>	<i>01/22/26 08:37</i>
<i>Surr: 2-Fluorophenol</i>	<i>EPA 8270E</i>	80.7		<i>%REC</i>	<i>43-105</i>	<i>1</i>	<i>01/24/26 00:44</i>	<i>01/22/26 08:37</i>
<i>Surr: 4-Terphenyl-d14</i>	<i>EPA 8270E</i>	88.9		<i>%REC</i>	<i>55-111</i>	<i>1</i>	<i>01/24/26 00:44</i>	<i>01/22/26 08:37</i>
<i>Surr: Nitrobenzene-d5</i>	<i>EPA 8270E</i>	87.8		<i>%REC</i>	<i>47-100</i>	<i>1</i>	<i>01/24/26 00:44</i>	<i>01/22/26 08:37</i>
<i>Surr: Phenol-d6</i>	<i>EPA 8270E</i>	85.6		<i>%REC</i>	<i>49-110</i>	<i>1</i>	<i>01/24/26 00:44</i>	<i>01/22/26 08:37</i>

Volatile Organic Compounds by GC-MS

1,1,1-Trichloroethane	EPA 8260D	<33.1	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
1,1,2,2-Tetrachloroethane	EPA 8260D	<32.2	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<46.2	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
1,1,2-Trichloroethane	EPA 8260D	<31.0	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
1,1-Dichloroethane	EPA 8260D	<26.6	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
1,1-Dichloroethylene	EPA 8260D	<23.7	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
1,2,3-Trichlorobenzene	EPA 8260D	<87.6	U	µg/kg	243	1	01/22/26 05:46	01/20/26 11:23
1,2,3-Trichloropropane	EPA 8260D	<30.6	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
1,2,4-Trichlorobenzene	EPA 8260D	<82.7	U	µg/kg	243	1	01/22/26 05:46	01/20/26 11:23
1,2,4-Trimethylbenzene	EPA 8260D	<53.5	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<67.2	U	µg/kg	243	1	01/22/26 05:46	01/20/26 11:23
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<42.9	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<27.7	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:51
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB03 (5-6')_20260119

Lab ID: HN2600860-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<42.9	U	µg/kg	243	1	01/22/26 05:46	01/20/26 11:23
1,2-Dichloropropane	EPA 8260D	<53.8	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
1,3,5-Trimethylbenzene	EPA 8260D	<51.6	U	µg/kg	243	1	01/22/26 05:46	01/20/26 11:23
1,3-Dichlorobenzene (m-Dichlorobenzene)	EPA 8260D	<50.4	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
1,3-Dichloropropene	EPA 8260D	<40.8	U	µg/kg	146	1	01/22/26 05:46	01/20/26 11:23
1,4-Dichlorobenzene (p-Dichlorobenzene)	EPA 8260D	<59.3	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<174	U	µg/kg	487	1	01/22/26 05:46	01/20/26 11:23
2-Hexanone	EPA 8260D	<36.2	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<68.0	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Acetone	EPA 8260D	<217	U	µg/kg	243	1	01/22/26 05:46	01/20/26 11:23
Benzene	EPA 8260D	<35.4	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Bromochloromethane	EPA 8260D	<37.1	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Bromodichloromethane	EPA 8260D	<40.9	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Bromoform	EPA 8260D	<30.7	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Carbon disulfide	EPA 8260D	<37.8	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Carbon tetrachloride	EPA 8260D	<28.6	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Chlorobenzene	EPA 8260D	<24.2	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Chlorodibromomethane	EPA 8260D	<41.0	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Chloroethane (Ethyl chloride)	EPA 8260D	<204	U	µg/kg	243	1	01/22/26 05:46	01/20/26 11:23
Chloroform	EPA 8260D	<26.7	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
cis-1,2-Dichloroethylene	EPA 8260D	<46.9	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
cis-1,3-Dichloropropene	EPA 8260D	<55.0	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Cyclohexane	EPA 8260D	<55.9	U	µg/kg	243	1	01/22/26 05:46	01/20/26 11:23
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<88.4	U	µg/kg	243	1	01/22/26 05:46	01/20/26 11:23
Ethylbenzene	EPA 8260D	<51.8	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Isopropylbenzene	EPA 8260D	<46.1	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
m+p-Xylene	EPA 8260D	<97.3	U	µg/kg	146	1	01/22/26 05:46	01/20/26 11:23
Methyl acetate	EPA 8260D	<87.4	U	µg/kg	608	1	01/22/26 05:46	01/20/26 11:23
Methyl bromide (Bromomethane)	EPA 8260D	<140	U	µg/kg	243	1	01/22/26 05:46	01/20/26 11:23

Analytical Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID

Work Order: HN2600860
Date Collected: 01/19/26 11:51
Date Received: 01/20/26 06:00

CLIENT ID: 3729 SB03 (5-6')_20260119

Lab ID: HN2600860-003

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<200	U	µg/kg	243	1	01/22/26 17:09	01/20/26 11:23
Methyl tert-butyl ether (MTBE)	EPA 8260D	<53.2	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Methylcyclohexane	EPA 8260D	<27.8	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Methylene chloride (Dichloromethane)	EPA 8260D	<194	U	µg/kg	608	1	01/22/26 05:46	01/20/26 11:23
o-Xylene	EPA 8260D	<28.2	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Styrene	EPA 8260D	<28.9	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<44.0	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Toluene	EPA 8260D	<60.2	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Total Xylene	EPA 8260D	<28.2	U	µg/kg	219	1	01/22/26 05:46	01/20/26 11:23
trans-1,2-Dichloroethylene	EPA 8260D	<60.2	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
trans-1,3-Dichloropropylene	EPA 8260D	<40.8	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Trichloroethene (Trichloroethylene)	EPA 8260D	<32.7	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<37.3	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
Vinyl chloride (Chloroethene)	EPA 8260D	<48.5	U	µg/kg	73.0	1	01/22/26 05:46	01/20/26 11:23
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>EPA 8260D</i>	97.7		<i>%REC</i>	<i>80-120</i>	<i>1</i>	<i>01/22/26 05:46</i>	<i>01/20/26 11:23</i>
<i>Surr: 4-Bromofluorobenzene</i>	<i>EPA 8260D</i>	91.6		<i>%REC</i>	<i>80-120</i>	<i>1</i>	<i>01/22/26 05:46</i>	<i>01/20/26 11:23</i>
<i>Surr: Dibromofluoromethane</i>	<i>EPA 8260D</i>	92.8		<i>%REC</i>	<i>72-120</i>	<i>1</i>	<i>01/22/26 05:46</i>	<i>01/20/26 11:23</i>
<i>Surr: Toluene-d8</i>	<i>EPA 8260D</i>	97.4		<i>%REC</i>	<i>80-120</i>	<i>1</i>	<i>01/22/26 05:46</i>	<i>01/20/26 11:23</i>



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2425155

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3838453

Chlorinated Herbicides by GC/ECD

MB CLIENT ID: Method Blank Lab ID: QC-2425155-001

Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 01/23/26 17:53
Prep Date: 01/21/26 13:25

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	53.0	µg/kg		50		106	10-116			

LCS CLIENT ID: Laboratory Control Sample Lab ID: QC-2425155-002

Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 01/23/26 18:08
Prep Date: 01/21/26 13:25

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	36.0	µg/kg	5.00	50		72.0	10-119			
2,4,5-TP (Silvex)	34.0	µg/kg	5.00	50		68.0	10-101			
2,4-D	33.0	µg/kg	10.0	50		66.0	10-128			
Surr: DCAA	49.0	µg/kg		50		98.0	10-116			

MS CLIENT ID: Batch QC Lab ID: QC-2425155-005

Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 01/23/26 18:23
Prep Date: 01/21/26 13:25

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	30.6	µg/kg	5.14	49.31	<0.907	62.0	10-119			
2,4,5-TP (Silvex)	27.6	µg/kg	5.14	49.31	<1.62	56.0	10-101			
2,4-D	29.6	µg/kg	10.3	49.31	<2.63	60.0	10-128			
Surr: DCAA	43.4	µg/kg		49.31		88.0	10-116			

MSD CLIENT ID: Batch QC Lab ID: QC-2425155-006

Method: EPA 8151A **Dilution:** 1 **Analysis Date:** 01/23/26 18:38
Prep Date: 01/21/26 13:25

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	31.7	µg/kg	5.16	49.48	<0.920	64.0	10-119	3.52	30	
2,4,5-TP (Silvex)	27.7	µg/kg	5.16	49.48	<1.64	56.0	10-101	0.346	30	
2,4-D	31.7	µg/kg	10.3	49.48	<2.67	64.0	10-128	6.80	30	
Surr: DCAA	42.6	µg/kg		49.48		86.0	10-116	1.95	30	

The following samples were analyzed in this batch: HN2600860-001, HN2600860-002, HN2600860-003

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2422993

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3832077

General Chemistry Parameters

MB CLIENT ID: Method Blank Lab ID: QC-2422993-001
Method: EPA 9056A Dilution: 1 Analysis Date: 01/20/26 23:41
 Prep Date: 01/20/26 11:59

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-2422993-002
Method: EPA 9056A Dilution: 1 Analysis Date: 01/20/26 23:49
 Prep Date: 01/20/26 11:59

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	95.1	mg/kg	10.0	100		95.1	87-110			

MS CLIENT ID: Batch QC Lab ID: QC-2422993-004
Method: EPA 9056A Dilution: 1 Analysis Date: 01/21/26 00:05
 Prep Date: 01/20/26 11:59

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	156	mg/kg	12.8	109.21	77.0	82.6	87-110			S

MSD CLIENT ID: Batch QC Lab ID: QC-2422993-005
Method: EPA 9056A Dilution: 1 Analysis Date: 01/21/26 00:13
 Prep Date: 01/20/26 11:59

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	140	mg/kg	13.5	115.08	77.0	64.3	87-110	11.0	15	S

The following samples were analyzed in this batch: HN2600860-001, HN2600860-002, HN2600860-003



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2423452

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3831157

General Chemistry Parameters

MB CLIENT ID: Method Blank Lab ID: QC-2423452-001

Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 01/20/26 15:48
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-2423452-002

Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 01/20/26 15:48
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	98-102			

DUP CLIENT ID: Batch QC Lab ID: QC-2423452-004

Method: EPA 3550C **Dilution:** 1 **Analysis Date:** 01/20/26 15:48
Prep Date: NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	19.8	%	0.1		19.6			0.913	10	

The following samples were analyzed in this batch: HN2600860-001



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2423452

Work Order: HN2600860
Date Collected: 01/19/26 10:02
Date Received: 01/20/26 06:00
Run ID: 3833992

General Chemistry Parameters

DUP CLIENT ID: Batch QC Lab ID: QC-2423452-015

Method: EPA 3550C Dilution: 1 Analysis Date: 01/21/26 13:20
 Prep Date: NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	4.5	%	0.1		<0.1			7.20	10	

The following samples were analyzed in this batch: HN2600860-001



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2423794

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3831791

General Chemistry Parameters

MB CLIENT ID: Method Blank Lab ID: QC-2423794-001

Method: EPA 3550C Dilution: 1 Analysis Date: 01/20/26 17:00
 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-2423794-002

Method: EPA 3550C Dilution: 1 Analysis Date: 01/20/26 17:00
 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	98-102			

DUP CLIENT ID: 3729 SB02 (3-4')_20260119 Lab ID: QC-2423794-004

Method: EPA 3550C Dilution: 1 Analysis Date: 01/20/26 17:00
 Prep Date: NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	14.0	%	0.1		14.2			1.92	10	

The following samples were analyzed in this batch: HN2600860-002, HN2600860-003



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2423794

Work Order: HN2600860
Date Collected: 01/16/26 11:40
Date Received: 01/20/26 06:00
Run ID: 3833992

General Chemistry Parameters

DUP CLIENT ID: Batch QC Lab ID: QC-2423794-015

Method: EPA 3550C Dilution: 1 Analysis Date: 01/21/26 14:07
 Prep Date: NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	16.3	%	0.1		<0.1			5.89	10	

The following samples were analyzed in this batch: HN2600860-002, HN2600860-003



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2427667

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3839311

Metals

MB CLIENT ID: Method Blank Lab ID: QC-2427667-001

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 01/23/26 17:46
Prep Date: 01/23/26 11:13

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-2427667-002

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 01/23/26 17:47
Prep Date: 01/23/26 11:13

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	4.85	mg/kg	0.250	5		97.0	80-120			
Barium	4.93	mg/kg	0.250	5		98.5	80-120			
Cadmium	4.80	mg/kg	0.100	5		96.0	80-120			
Chromium	4.95	mg/kg	0.250	5		99.0	80-120			
Copper	4.96	mg/kg	0.250	5		99.2	80-120			
Lead	4.94	mg/kg	0.250	5		98.8	80-120			
Selenium	4.76	mg/kg	0.250	5		95.2	80-120			
Silver	5.11	mg/kg	0.250	5		102	80-120			
Zinc	4.78	mg/kg	0.500	5		95.7	80-120			

MS CLIENT ID: Batch QC Lab ID: QC-2427667-004

Method: EPA 6020B **Dilution:** 10 **Analysis Date:** 01/23/26 18:10
Prep Date: 01/23/26 11:13

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	9.57	mg/kg	3.07	5.8761	4.32	92.4	75-125			
Barium	16.9	mg/kg	3.07	5.8761	11.4	101	75-125			
Cadmium	5.50	mg/kg	1.23	5.8761	<0.176	92.4	75-125			
Chromium	12.0	mg/kg	3.07	5.8761	6.35	101	75-125			
Copper	12.2	mg/kg	3.07	5.8761	7.10	91.2	75-125			
Lead	9.42	mg/kg	3.07	5.8761	4.35	89.4	75-125			
Selenium	5.95	mg/kg	3.07	5.8761	<2.70	97.8	75-125			
Silver	5.78	mg/kg	3.07	5.8761	<0.388	98.0	75-125			
Zinc	26.8	mg/kg	6.13	5.8761	24.1	63.4	75-125			S

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2427667

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3839311

MSD CLIENT ID: Batch QC Lab ID: QC-2427667-005

Method: EPA 6020B **Dilution:** 10 **Analysis Date:** 01/23/26 18:11
Prep Date: 01/23/26 11:13

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	10.6	mg/kg	2.92	5.5972	4.32	116	75-125	10.3	20	
Barium	18.6	mg/kg	2.92	5.5972	11.4	136	75-125	9.40	20	S
Cadmium	5.75	mg/kg	1.17	5.5972	<0.168	102	75-125	4.55	20	
Chromium	13.4	mg/kg	2.92	5.5972	6.35	131	75-125	10.9	20	S
Copper	13.1	mg/kg	2.92	5.5972	7.10	113	75-125	7.67	20	
Lead	9.87	mg/kg	2.92	5.5972	4.35	102	75-125	4.59	20	
Selenium	5.65	mg/kg	2.92	5.5972	<2.57	97.3	75-125	5.18	20	
Silver	6.24	mg/kg	2.92	5.5972	<0.369	111	75-125	7.76	20	
Zinc	34.5	mg/kg	5.84	5	24.1	NC	75-125	25.1	20	OR

PDS CLIENT ID: Batch QC Lab ID: QC-2427667-007

Method: EPA 6020B **Dilution:** 10 **Analysis Date:** 01/23/26 18:15
Prep Date: 01/23/26 11:13

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	62.2	mg/kg	3.02	57.917	4.32	100	75-125			
Barium	67.1	mg/kg	3.02	57.917	11.4	97.0	75-125			
Cadmium	54.7	mg/kg	1.21	57.917	<0.174	94.4	75-125			
Chromium	63.9	mg/kg	3.02	57.917	6.35	99.8	75-125			
Copper	63.0	mg/kg	3.02	57.917	7.10	97.0	75-125			
Lead	60.7	mg/kg	3.02	57.917	4.35	97.6	75-125			
Selenium	54.9	mg/kg	3.02	57.917	<2.66	94.5	75-125			
Silver	49.4	mg/kg	3.02	57.917	<0.382	85.3	75-125			
Zinc	78.4	mg/kg	6.04	57.917	24.1	95.5	75-125			

The following samples were analyzed in this batch: HN2600860-001, HN2600860-002, HN2600860-003

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2429985

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3843658

Metals

MB CLIENT ID: Method Blank Lab ID: QC-2429985-001

Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 01/27/26 10:11
Prep Date: 01/26/26 14:30

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-2429985-002

Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 01/27/26 12:53
Prep Date: 01/26/26 14:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.151	mg/kg	0.0200	0.1665		90.6	80-120			

MS CLIENT ID: Batch QC Lab ID: QC-2429985-004

Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 01/27/26 10:16
Prep Date: 01/26/26 14:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.117	mg/kg	0.0200	0.14541	<0.0136	73.9	75-125			S

MSD CLIENT ID: Batch QC Lab ID: QC-2429985-005

Method: EPA 7471B **Dilution:** 1 **Analysis Date:** 01/27/26 10:18
Prep Date: 01/26/26 14:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.132	mg/kg	0.0200	0.13855	<0.0136	88.1	75-125	11.7	35	

The following samples were analyzed in this batch: HN2600860-001, HN2600860-002

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2429986

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3843660

Metals

MB CLIENT ID: Method Blank Lab ID: QC-2429986-001

Method: EPA 7471B Dilution: 1 Analysis Date: 01/27/26 11:04
 Prep Date: 01/26/26 13:56

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-2429986-002

Method: EPA 7471B Dilution: 1 Analysis Date: 01/27/26 11:06
 Prep Date: 01/26/26 13:56

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.181	mg/kg	0.0200	0.1665		109	80-120			

MS CLIENT ID: 3729 SB03 (5-6')_20260119 Lab ID: QC-2429986-004

Method: EPA 7471B Dilution: 1 Analysis Date: 01/27/26 11:15
 Prep Date: 01/26/26 13:56

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.184	mg/kg	0.0204	0.1417	0.0951	74.1	75-125			S

MSD CLIENT ID: 3729 SB03 (5-6')_20260119 Lab ID: QC-2429986-005

Method: EPA 7471B Dilution: 1 Analysis Date: 01/27/26 11:17
 Prep Date: 01/26/26 13:56

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.185	mg/kg	0.0200	0.13573	0.0951	77.6	75-125	0.209	35	

The following samples were analyzed in this batch: HN2600860-003



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2426107

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3842916

Organochlorine Pesticides by GC/ECD

MB CLIENT ID: Method Blank Lab ID: QC-2426107-001

Method: EPA 8081B **Dilution:** 1 **Analysis Date:** 01/25/26 22:31
Prep Date: 01/22/26 08:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDD	<6.39	µg/kg	10.0							U
4,4'-DDE	<6.59	µg/kg	10.0							U
4,4'-DDT	<6.65	µg/kg	10.0							U
Aldrin	<6.50	µg/kg	10.0							U
alpha-BHC	<6.58	µg/kg	10.0							U
beta-BHC	<6.57	µg/kg	10.0							U
Chlordane, Technical	<9.92	µg/kg	25.0							U
cis-Chlordane	<6.68	µg/kg	10.0							U
delta-BHC	<6.55	µg/kg	10.0							U
Dieldrin	<6.99	µg/kg	10.0							U
Endosulfan I	<6.72	µg/kg	10.0							U
Endosulfan II	<6.62	µg/kg	10.0							U
Endosulfan sulfate	<6.15	µg/kg	10.0							U
Endrin	<8.09	µg/kg	10.0							U
Endrin aldehyde	<6.34	µg/kg	10.0							U
Endrin ketone	<6.08	µg/kg	10.0							U
gamma-BHC (Lindane)	<6.56	µg/kg	10.0							U
Heptachlor	<6.45	µg/kg	10.0							U
Heptachlor epoxide	<6.62	µg/kg	10.0							U
Methoxychlor	<6.69	µg/kg	10.0							U
Toxaphene	<10.8	µg/kg	60.0							U
trans-Chlordane	<6.64	µg/kg	10.0							U
<i>Surr: Decachlorobiphenyl</i>	37.4	<i>µg/kg</i>		33.33		112	53-151			
<i>Surr: Tetrachloro-m-xylene</i>	25.3	<i>µg/kg</i>		33.33		76.0	67-127			

LCS CLIENT ID: Laboratory Control Sample Lab ID: QC-2426107-002

Method: EPA 8081B **Dilution:** 1 **Analysis Date:** 01/25/26 22:46
Prep Date: 01/22/26 08:38

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	27.9	µg/kg	10.0	33.33		83.7	55-143			
4,4'-DDT	29.4	µg/kg	10.0	33.33		88.4	50-144			
Aldrin	28.6	µg/kg	10.0	33.33		85.9	57-141			
alpha-BHC	28.8	µg/kg	10.0	33.33		86.3	58-144			
beta-BHC	28.2	µg/kg	10.0	33.33		84.8	55-147			
cis-Chlordane	28.4	µg/kg	10.0	33.33		85.1	58-142			
delta-BHC	29.2	µg/kg	10.0	33.33		87.5	59-142			
Dieldrin	26.5	µg/kg	10.0	33.33		79.6	59-142			
Endosulfan I	28.0	µg/kg	10.0	33.33		84.1	57-145			
Endosulfan II	28.8	µg/kg	10.0	33.33		86.4	58-138			
Endosulfan sulfate	29.0	µg/kg	10.0	33.33		87.1	54-136			
Endrin	31.2	µg/kg	10.0	33.33		93.7	45-150			

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2426107

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3842916

LCS CLIENT ID: Laboratory Control Sample Lab ID: QC-2426107-002

Method: EPA 8081B **Dilution:** 1 **Analysis Date:** 01/25/26 22:46
Prep Date: 01/22/26 08:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Endrin aldehyde	33.4	µg/kg	10.0	33.33		100	41-147			
Endrin ketone	29.6	µg/kg	10.0	33.33		88.9	54-146			
gamma-BHC (Lindane)	28.6	µg/kg	10.0	33.33		86.0	58-145			
Heptachlor	35.2	µg/kg	10.0	33.33		106	51-145			
Heptachlor epoxide	28.6	µg/kg	10.0	33.33		85.9	59-143			
Methoxychlor	30.4	µg/kg	10.0	33.33		91.2	43-144			
trans-Chlordane	28.2	µg/kg	10.0	33.33		84.8	56-145			
Surr: Decachlorobiphenyl	35.0	µg/kg		33.33		105	51-151			
Surr: Tetrachloro-m-xylene	23.2	µg/kg		33.33		69.5	67-127			

MS CLIENT ID: Batch QC Lab ID: QC-2426107-005

Method: EPA 8081B **Dilution:** 1 **Analysis Date:** 01/26/26 03:28
Prep Date: 01/22/26 08:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDD	66.6	µg/kg	27.9	80.78	<15.5	82.5	55-141			
4,4'-DDE	69.6	µg/kg	27.9	80.78	<16.0	85.5	55-143			
4,4'-DDT	74.7	µg/kg	27.9	80.78	<16.1	91.6	50-144			
Aldrin	68.4	µg/kg	27.9	80.78	<15.8	84.7	57-141			
alpha-BHC	68.3	µg/kg	27.9	80.78	<16.0	84.5	58-144			
beta-BHC	66.0	µg/kg	27.9	80.78	<15.9	81.7	55-147			
cis-Chlordane	67.7	µg/kg	27.9	80.78	<16.2	83.8	58-142			
delta-BHC	69.0	µg/kg	27.9	80.78	<15.9	85.4	59-142			
Dieldrin	65.0	µg/kg	27.9	80.78	<17.0	80.4	59-142			
Endosulfan I	67.3	µg/kg	27.9	80.78	<16.3	83.3	57-145			
Endosulfan II	69.0	µg/kg	27.9	80.78	<16.1	85.5	58-138			
Endosulfan sulfate	71.4	µg/kg	27.9	80.78	<14.9	88.4	54-135			
Endrin	75.5	µg/kg	27.9	80.78	<19.6	93.5	45-150			
Endrin aldehyde	84.7	µg/kg	27.9	80.78	<15.4	105	41-147			
Endrin ketone	72.3	µg/kg	27.9	80.78	<14.7	89.6	54-146			
gamma-BHC (Lindane)	67.0	µg/kg	27.9	80.78	<15.9	83.0	58-145			
Heptachlor	83.1	µg/kg	27.9	80.78	<15.6	103	51-145			
Heptachlor epoxide	68.7	µg/kg	27.9	80.78	<16.0	85.1	59-143			
Methoxychlor	77.4	µg/kg	27.9	80.78	<16.2	95.8	43-144			
trans-Chlordane	67.4	µg/kg	27.9	80.78	<16.1	83.4	56-145			
Surr: Decachlorobiphenyl	85.5	µg/kg		80.78		106	53-151			
Surr: Tetrachloro-m-xylene	56.6	µg/kg		80.78		70.1	67-127			

MSD CLIENT ID: Batch QC Lab ID: QC-2426107-006

Method: EPA 8081B **Dilution:** 1 **Analysis Date:** 01/26/26 03:43
Prep Date: 01/22/26 08:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDD	65.6	µg/kg	28.0	80.898	<15.5	81.1	55-141	1.57	20	



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2426107

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3842916

MSD CLIENT ID: Batch QC Lab ID: QC-2426107-006

Method: EPA 8081B **Dilution:** 1 **Analysis Date:** 01/26/26 03:43
Prep Date: 01/22/26 08:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDE	65.7	µg/kg	28.0	80.898	<16.0	80.6	55-143	5.77	20	
4,4'-DDT	72.4	µg/kg	28.0	80.898	<16.1	88.6	50-144	3.15	20	
Aldrin	66.9	µg/kg	28.0	80.898	<15.8	82.8	57-141	2.18	20	
alpha-BHC	67.2	µg/kg	28.0	80.898	<16.0	83.1	58-144	1.53	20	
beta-BHC	65.0	µg/kg	28.0	80.898	<15.9	80.4	55-147	1.40	20	
cis-Chlordane	66.3	µg/kg	28.0	80.898	<16.2	82.0	58-142	1.97	20	
delta-BHC	67.8	µg/kg	28.0	80.898	<15.9	83.8	59-142	1.69	20	
Dieldrin	65.0	µg/kg	28.0	80.898	<17.0	80.4	59-142	0.0833	20	
Endosulfan I	65.7	µg/kg	28.0	80.898	<16.3	81.3	57-145	2.35	20	
Endosulfan II	67.2	µg/kg	28.0	80.898	<16.1	83.1	58-138	2.64	20	
Endosulfan sulfate	69.4	µg/kg	28.0	80.898	<14.9	85.8	54-135	2.84	20	
Endrin	74.7	µg/kg	28.0	80.898	<19.6	92.4	45-150	1.09	20	
Endrin aldehyde	81.9	µg/kg	28.0	80.898	<15.4	101	41-147	3.35	20	
Endrin ketone	70.2	µg/kg	28.0	80.898	<14.8	86.8	54-146	2.97	20	
gamma-BHC (Lindane)	66.5	µg/kg	28.0	80.898	<15.9	82.3	58-145	0.702	20	
Heptachlor	82.5	µg/kg	28.0	80.898	<15.7	102	51-145	0.685	20	
Heptachlor epoxide	67.5	µg/kg	28.0	80.898	<16.1	83.4	59-143	1.81	20	
Methoxychlor	75.8	µg/kg	28.0	80.898	<16.2	93.7	43-144	2.02	20	
trans-Chlordane	66.1	µg/kg	28.0	80.898	<16.1	81.8	56-145	1.85	20	
Surr: Decachlorobiphenyl	82.8	µg/kg		80.898		102	53-151	3.22	30	
Surr: Tetrachloro-m-xylene	56.2	µg/kg		80.898		69.5	67-127	0.714	30	

The following samples were analyzed in this batch: HN2600860-001, HN2600860-002, HN2600860-003



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2426109

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3842885

Polychlorinated Biphenyls (PCBs) by GC/ECD

MB CLIENT ID: Method Blank Lab ID: QC-2426109-001

Method: EPA 8082A **Dilution:** 1 **Analysis Date:** 01/23/26 23:04
Prep Date: 01/22/26 08:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	<22.9	µg/kg	66.7							U
Aroclor 1221	<22.9	µg/kg	66.7							U
Aroclor 1232	<22.9	µg/kg	66.7							U
Aroclor 1242	<22.9	µg/kg	66.7							U
Aroclor 1248	<22.9	µg/kg	66.7							U
Aroclor 1254	<18.6	µg/kg	66.7							U
Aroclor 1260	<18.6	µg/kg	66.7							U
Aroclor 1262	<18.6	µg/kg	66.7							U
Aroclor 1268	<18.6	µg/kg	66.7							U
Total PCB	<18.6	µg/kg	66.7							U
Surr: Decachlorobiphenyl	35.8	µg/kg		33.3		108	54-146			
Surr: Tetrachloro-m-xylene	31.3	µg/kg		33.3		94.0	58-140			

LCS CLIENT ID: Laboratory Control Sample Lab ID: QC-2426109-002

Method: EPA 8082A **Dilution:** 1 **Analysis Date:** 01/23/26 23:16
Prep Date: 01/22/26 08:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	777	µg/kg	66.7	833		93.3	71-135			
Aroclor 1260	818	µg/kg	66.7	833		98.2	67-135			
Surr: Decachlorobiphenyl	38.3	µg/kg		33.3		115	54-146			
Surr: Tetrachloro-m-xylene	31.0	µg/kg		33.3		93.0	58-140			

MS CLIENT ID: Batch QC Lab ID: QC-2426109-005

Method: EPA 8082A **Dilution:** 1 **Analysis Date:** 01/24/26 04:57
Prep Date: 01/22/26 08:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	1710	µg/kg	181	1968	<54.0	86.8	71-135			
Aroclor 1260	1690	µg/kg	181	1968	<44.0	86.0	67-135			
Surr: Decachlorobiphenyl	82.1	µg/kg		78.674		104	54-146			
Surr: Tetrachloro-m-xylene	67.1	µg/kg		78.674		85.2	58-140			

MSD CLIENT ID: Batch QC Lab ID: QC-2426109-006

Method: EPA 8082A **Dilution:** 1 **Analysis Date:** 01/24/26 05:09
Prep Date: 01/22/26 08:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	1720	µg/kg	182	1969	<54.0	87.3	71-135	0.672	20	
Aroclor 1260	1710	µg/kg	182	1969	<44.0	86.7	67-135	0.901	20	
Surr: Decachlorobiphenyl	81.9	µg/kg		78.711		104	54-146	0.289	30	
Surr: Tetrachloro-m-xylene	67.4	µg/kg		78.711		85.6	58-140	0.516	30	

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2426109

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3842885

The following samples were analyzed in this batch: HN2600860-001, HN2600860-002, HN2600860-003



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2426141

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3839821

Semivolatile Organic Compounds by GC-MS

MB CLIENT ID: Method Blank Lab ID: QC-2426141-001

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/23/26 15:51
Prep Date: 01/22/26 08:38

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



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2426141

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3839821

MB CLIENT ID: Method Blank Lab ID: QC-2426141-001

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/23/26 15:51
Prep Date: 01/22/26 08:38

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		81.4	48-94			
Surr: 2-Fluorobiphenyl	2420	µg/kg		3333		72.7	50-103			
Surr: 2-Fluorophenol	2760	µg/kg		3333		82.7	43-105			
Surr: 4-Terphenyl-d14	3100	µg/kg		3333		93.1	55-111			
Surr: Nitrobenzene-d5	3070	µg/kg		3333		92.1	47-100			
Surr: Phenol-d6	2920	µg/kg		3333		87.6	49-110			

LCS CLIENT ID: Laboratory Control Sample Lab ID: QC-2426141-002

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/23/26 16:19
Prep Date: 01/22/26 08:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	1280	µg/kg	33.0	1333		95.8	57-101			
1,2,4,5-Tetrachlorobenzene	1230	µg/kg	333	1333		92.1	54-98			
1-Methylnaphthalene	1270	µg/kg	6.67	1333		95.2	56-100			
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1440	µg/kg	33.0	1333		108	50-101			S
2,3,4,6-Tetrachlorophenol	1380	µg/kg	67.0	1333		103	48-103			



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2426141

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3839821

LCS CLIENT ID: Laboratory Control Sample Lab ID: QC-2426141-002

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/23/26 16:19
Prep Date: 01/22/26 08:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Dimethyl phthalate	1180	µg/kg	33.0	1333		88.5	64-104			
Fluoranthene	1260	µg/kg	6.67	1333		94.2	66-105			
Fluorene	1150	µg/kg	6.67	1333		85.9	62-101			
Hexachlorobenzene	1280	µg/kg	33.0	1333		95.7	61-104			
Hexachlorobutadiene	1150	µg/kg	33.0	1333		86.2	52-99			
Hexachlorocyclopentadiene	1150	µg/kg	33.0	1333		86.6	39-106			
Hexachloroethane	1150	µg/kg	33.0	1333		86.1	59-99			
Indeno(1,2,3-cd) pyrene	1320	µg/kg	6.67	1333		99.0	57-114			
Isophorone	1360	µg/kg	167	1333		102	55-101			S
Methylphenol, Total	2480	µg/kg	67.0	2667		92.9	54-103			
Naphthalene	1170	µg/kg	6.67	1333		87.6	54-99			
Nitrobenzene	1300	µg/kg	167	1333		97.4	53-100			
n-Nitrosodi-n-propylamine	1280	µg/kg	33.0	1333		96.2	52-104			
N-Nitrosodiphenylamine	1180	µg/kg	33.0	1333		88.8	61-104			
Pentachlorophenol	1120	µg/kg	33.0	1333		84.2	35-100			
Phenanthrene	1170	µg/kg	6.67	1333		87.5	64-101			
Phenol	1270	µg/kg	33.0	1333		95.6	51-107			
Pyrene	1360	µg/kg	6.67	1333		102	62-114			
Pyridine	951	µg/kg	167	1333		71.3	40-84			
Surr: 2,4,6-Tribromophenol	3160	µg/kg		3333		94.9	48-94			S
Surr: 2-Fluorobiphenyl	2570	µg/kg		3333		77.1	50-103			
Surr: 2-Fluorophenol	2870	µg/kg		3333		86.2	43-105			
Surr: 4-Terphenyl-d14	3140	µg/kg		3333		94.2	55-111			
Surr: Nitrobenzene-d5	3480	µg/kg		3333		105	47-100			S
Surr: Phenol-d6	3180	µg/kg		3333		95.4	49-110			

MS CLIENT ID: Batch QC Lab ID: QC-2426141-005

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/23/26 16:47
Prep Date: 01/22/26 08:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	1300	µg/kg	37.8	1311.1	<5.32	98.9	57-101			
1,2,4,5-Tetrachlorobenzene	1240	µg/kg	382	1311.1	<7.56	94.5	54-98			
1-Methylnaphthalene	1290	µg/kg	7.64	1311.1	<4.72	98.1	56-100			
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1440	µg/kg	37.8	1311.1	<7.68	110	50-101			S
2,3,4,6-Tetrachlorophenol	1320	µg/kg	76.4	1311.1	<24.0	101	48-103			
2,4,5-Trichlorophenol	1200	µg/kg	37.8	1311.1	<19.4	91.7	54-98			
2,4,6-Trichlorophenol	1080	µg/kg	37.8	1311.1	<8.72	82.6	56-97			
2,4-Dichlorophenol	1250	µg/kg	37.8	1311.1	<17.6	95.0	54-99			
2,4-Dimethylphenol	1190	µg/kg	37.8	1311.1	<16.9	90.6	47-102			
2,4-Dinitrophenol	<240	µg/kg	382	1311.1	<240	16.6	10-100			U
2,4-Dinitrotoluene (2,4-DNT)	1190	µg/kg	37.8	1311.1	<21.3	91.1	62-105			
2,6-Dinitrotoluene (2,6-DNT)	1210	µg/kg	37.8	1311.1	<8.37	92.6	62-103			
2-Chloronaphthalene	1020	µg/kg	7.64	1311.1	<4.58	77.6	57-101			



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2426141

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3839821

MS CLIENT ID: Batch QC Lab ID: QC-2426141-005

Method: EPA 8270E

Dilution: 1

Analysis Date: 01/23/26 16:47

Prep Date: 01/22/26 08:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	
								RPD	Limit Qual
2-Chlorophenol	1200	µg/kg	37.8	1311.1	<21.5	91.4	52-102		
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	910	µg/kg	37.8	1311.1	<27.4	69.4	42-104		
2-Methylnaphthalene	1270	µg/kg	7.64	1311.1	<3.33	96.5	55-102		
2-Methylphenol (o-Cresol)	1270	µg/kg	37.8	1311.1	<8.86	97.1	54-103		
2-Nitroaniline	1070	µg/kg	37.8	1311.1	<18.2	81.8	57-103		
2-Nitrophenol	1350	µg/kg	37.8	1311.1	<9.34	103	52-102		S
3&4-Methylphenol	1250	µg/kg	37.8	1311.1	<17.9	95.4	56-103		
3,3'-Dichlorobenzidine	929	µg/kg	191	1311.1	<15.3	70.9	41-91		
3-Nitroaniline	767	µg/kg	37.8	1311.1	<19.0	58.5	35-107		
4-Bromophenyl phenyl ether (BDE-3)	1280	µg/kg	37.8	1311.1	<18.0	97.5	63-104		
4-Chloro-3-methylphenol	1410	µg/kg	37.8	1311.1	<9.34	107	57-103		S
4-Chloroaniline	1300	µg/kg	76.4	1311.1	<16.7	99.5	32-99		S
4-Chlorophenyl phenylether	1180	µg/kg	37.8	1311.1	<9.06	90.3	62-100		
4-Nitroaniline	502	µg/kg	191	1311.1	<50.9	38.3	19-124		
4-Nitrophenol	923	µg/kg	382	1311.1	<76.8	70.4	44-106		
Acenaphthene	1150	µg/kg	7.64	1311.1	<4.74	87.8	60-101		
Acenaphthylene	1180	µg/kg	7.64	1311.1	<5.69	89.9	59-101		
Acetophenone	1260	µg/kg	37.8	1311.1	<5.13	95.8	54-102		
Anthracene	1250	µg/kg	7.64	1311.1	<4.62	95.1	63-96		
Atrazine	1330	µg/kg	37.8	1311.1	<19.2	101	60-110		
Benzaldehyde	245	µg/kg	76.4	1311.1	<50.4	18.7	10-143		
Benzo(a)anthracene	1220	µg/kg	7.64	1311.1	<5.67	93.1	66-102		
Benzo(a)pyrene	1300	µg/kg	7.64	1311.1	<4.02	98.9	66-105		
Benzo(b)fluoranthene	1090	µg/kg	7.64	1311.1	<4.89	83.4	67-105		
Benzo(g,h,i)perylene	1290	µg/kg	7.64	1311.1	<5.03	98.7	59-110		
Benzo(k)fluoranthene	1200	µg/kg	7.64	1311.1	<4.97	91.2	68-106		
bis(2-Chloroethoxy)methane	1440	µg/kg	37.8	1311.1	<20.8	110	54-102		S
bis(2-Chloroethyl) ether	1250	µg/kg	37.8	1311.1	<9.29	95.0	51-101		
Butyl benzyl phthalate	1340	µg/kg	76.4	1311.1	<41.0	102	59-107		
Caprolactam	1260	µg/kg	37.8	1311.1	<29.6	95.9	49-103		
Carbazole	1230	µg/kg	37.8	1311.1	<9.66	93.5	63-103		
Chrysene	1380	µg/kg	7.64	1311.1	<5.60	105	66-105		
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	1470	µg/kg	37.8	1311.1	<27.1	112	63-101		S
Dibenz(a,h) anthracene	1270	µg/kg	37.8	1311.1	<3.54	97.2	61-109		
Dibenzofuran	1150	µg/kg	37.8	1311.1	<4.82	87.8	61-101		
Diethyl phthalate	1230	µg/kg	37.8	1311.1	<11.2	94.2	63-105		
Dimethyl phthalate	1190	µg/kg	37.8	1311.1	<6.39	90.4	64-104		
Fluoranthene	1260	µg/kg	7.64	1311.1	<3.15	95.9	66-105		
Fluorene	1150	µg/kg	7.64	1311.1	<4.76	87.8	62-101		
Hexachlorobenzene	1280	µg/kg	37.8	1311.1	<9.54	97.7	61-104		
Hexachlorobutadiene	1190	µg/kg	37.8	1311.1	<7.72	91.1	52-99		
Hexachlorocyclopentadiene	1180	µg/kg	37.8	1311.1	<32.1	90.3	39-106		
Hexachloroethane	1140	µg/kg	37.8	1311.1	<13.6	86.8	59-99		
Indeno(1,2,3-cd) pyrene	1300	µg/kg	7.64	1311.1	<4.56	99.4	57-114		

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2426141

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3839821

MS CLIENT ID: Batch QC Lab ID: QC-2426141-005

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/23/26 16:47
Prep Date: 01/22/26 08:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Isophorone	1380	µg/kg	191	1311.1	<6.40	105	55-101			S
Methylphenol, Total	2520	µg/kg	37.8	2623.3	<8.86	96.2	54-103			
Naphthalene	1200	µg/kg	7.64	1311.1	<4.19	91.4	54-99			
Nitrobenzene	1320	µg/kg	191	1311.1	<11.0	101	53-100			S
n-Nitrosodi-n-propylamine	1270	µg/kg	37.8	1311.1	<5.41	97.0	52-104			
N-Nitrosodiphenylamine	1200	µg/kg	37.8	1311.1	<19.0	91.4	61-104			
Pentachlorophenol	1020	µg/kg	37.8	1311.1	<26.0	77.7	35-100			
Phenanthrene	1180	µg/kg	7.64	1311.1	<3.05	90.0	64-101			
Phenol	1280	µg/kg	37.8	1311.1	<16.5	97.9	51-107			
Pyrene	1350	µg/kg	7.64	1311.1	<3.27	103	52-114			
Pyridine	1140	µg/kg	191	1311.1	<64.5	86.6	40-84			S
Surr: 2,4,6-Tribromophenol	3130	µg/kg		3278.4		95.5	48-94			S
Surr: 2-Fluorobiphenyl	2590	µg/kg		3278.4		79.1	50-103			
Surr: 2-Fluorophenol	2870	µg/kg		3278.4		87.4	43-105			
Surr: 4-Terphenyl-d14	3080	µg/kg		3278.4		93.9	55-111			
Surr: Nitrobenzene-d5	3520	µg/kg		3278.4		107	47-100			S
Surr: Phenol-d6	3150	µg/kg		3278.4		96.1	49-110			

MSD CLIENT ID: Batch QC Lab ID: QC-2426141-006

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/23/26 17:15
Prep Date: 01/22/26 08:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	1280	µg/kg	37.9	1312.9	<5.41	97.3	57-101	1.45	30	
1,2,4,5-Tetrachlorobenzene	1220	µg/kg	382	1312.9	<7.69	92.9	54-98	1.58	30	
1-Methylnaphthalene	1260	µg/kg	7.65	1312.9	<4.80	96.1	56-100	1.93	30	
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1410	µg/kg	37.9	1312.9	<7.81	107	50-101	2.31	30	S
2,3,4,6-Tetrachlorophenol	1360	µg/kg	76.5	1312.9	<24.4	104	48-103	3.41	30	S
2,4,5-Trichlorophenol	1170	µg/kg	37.9	1312.9	<19.8	88.8	54-98	3.08	30	
2,4,6-Trichlorophenol	1070	µg/kg	37.9	1312.9	<8.87	81.2	56-97	1.52	30	
2,4-Dichlorophenol	1210	µg/kg	37.9	1312.9	<17.9	92.1	54-99	2.92	30	
2,4-Dimethylphenol	1120	µg/kg	37.9	1312.9	<17.1	85.6	47-102	5.54	30	
2,4-Dinitrophenol	<244	µg/kg	382	1312.9	<244	19.7	10-100	NC		U
2,4-Dinitrotoluene (2,4-DNT)	1200	µg/kg	37.9	1312.9	<21.6	91.0	62-105	0.0214	30	
2,6-Dinitrotoluene (2,6-DNT)	1210	µg/kg	37.9	1312.9	<8.51	91.9	62-103	0.628	30	
2-Chloronaphthalene	968	µg/kg	7.65	1312.9	<4.66	73.7	57-101	4.96	30	
2-Chlorophenol	1180	µg/kg	37.9	1312.9	<21.8	89.6	52-102	1.86	30	
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	966	µg/kg	37.9	1312.9	<27.8	73.6	42-104	5.94	30	
2-Methylnaphthalene	1240	µg/kg	7.65	1312.9	<3.39	94.2	55-102	2.28	30	
2-Methylphenol (o-Cresol)	1230	µg/kg	37.9	1312.9	<9.01	93.4	54-103	3.76	30	
2-Nitroaniline	1060	µg/kg	37.9	1312.9	<18.5	80.7	57-103	1.28	30	
2-Nitrophenol	1330	µg/kg	37.9	1312.9	<9.50	101	52-102	1.54	30	
3&4-Methylphenol	1230	µg/kg	37.9	1312.9	<18.2	93.3	56-103	2.04	30	
3,3'-Dichlorobenzidine	915	µg/kg	191	1312.9	<15.6	69.7	41-91	1.51	30	

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2426141

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3839821

MSD CLIENT ID: Batch QC Lab ID: QC-2426141-006

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/23/26 17:15
Prep Date: 01/22/26 08:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
3-Nitroaniline	770	µg/kg	37.9	1312.9	<19.4	58.7	35-107	0.387	30	
4-Bromophenyl phenyl ether (BDE-3)	1220	µg/kg	37.9	1312.9	<18.3	92.6	63-104	5.03	30	
4-Chloro-3-methylphenol	1390	µg/kg	37.9	1312.9	<9.50	106	57-103	1.56	30	S
4-Chloroaniline	1320	µg/kg	76.5	1312.9	<16.9	101	32-99	1.33	30	S
4-Chlorophenyl phenylether	1160	µg/kg	37.9	1312.9	<9.21	88.5	62-100	1.88	30	
4-Nitroaniline	497	µg/kg	191	1312.9	<51.7	37.9	19-124	1.05	30	
4-Nitrophenol	907	µg/kg	382	1312.9	<78.1	69.1	44-106	1.73	30	
Acenaphthene	1110	µg/kg	7.65	1312.9	<4.82	84.3	60-101	3.88	30	
Acenaphthylene	1140	µg/kg	7.65	1312.9	<5.78	86.9	59-101	3.26	30	
Acetophenone	1220	µg/kg	37.9	1312.9	<5.22	92.6	54-102	3.27	30	
Anthracene	1200	µg/kg	7.65	1312.9	<4.70	91.4	63-96	3.84	30	
Atrazine	1340	µg/kg	37.9	1312.9	<19.5	102	60-110	1.41	30	
Benzaldehyde	232	µg/kg	76.5	1312.9	<51.2	17.7	10-143	5.10	30	
Benzo(a)anthracene	1180	µg/kg	7.65	1312.9	<5.76	90.0	66-102	3.26	30	
Benzo(a)pyrene	1260	µg/kg	7.65	1312.9	<4.09	95.8	66-105	3.11	30	
Benzo(b)fluoranthene	1130	µg/kg	7.65	1312.9	<4.97	85.8	67-105	2.97	30	
Benzo(g,h,i)perylene	1240	µg/kg	7.65	1312.9	<5.11	94.3	59-110	4.38	30	
Benzo(k)fluoranthene	1110	µg/kg	7.65	1312.9	<5.05	84.5	68-106	7.55	30	
bis(2-Chloroethoxy)methane	1410	µg/kg	37.9	1312.9	<21.1	107	54-102	2.31	30	S
bis(2-Chloroethyl) ether	1210	µg/kg	37.9	1312.9	<9.44	92.0	51-101	3.08	30	
Butyl benzyl phthalate	1300	µg/kg	76.5	1312.9	<41.7	99.1	59-107	3.10	30	
Caprolactam	1300	µg/kg	37.9	1312.9	<30.1	99.1	49-103	3.36	30	
Carbazole	1200	µg/kg	37.9	1312.9	<9.82	91.3	63-103	2.30	30	
Chrysene	1320	µg/kg	7.65	1312.9	<5.69	100	66-105	4.45	30	
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	1420	µg/kg	37.9	1312.9	<27.6	108	63-101	3.46	30	S
Dibenz(a,h) anthracene	1240	µg/kg	37.9	1312.9	<3.60	94.2	61-109	2.95	30	
Dibenzofuran	1130	µg/kg	37.9	1312.9	<4.90	86.3	61-101	1.59	30	
Diethyl phthalate	1220	µg/kg	37.9	1312.9	<11.3	92.9	63-105	1.21	30	
Dimethyl phthalate	1150	µg/kg	37.9	1312.9	<6.50	87.9	64-104	2.73	30	
Fluoranthene	1230	µg/kg	7.65	1312.9	<3.20	93.7	66-105	2.19	30	
Fluorene	1130	µg/kg	7.65	1312.9	<4.84	86.4	62-101	1.48	30	
Hexachlorobenzene	1220	µg/kg	37.9	1312.9	<9.70	92.7	61-104	5.12	30	
Hexachlorobutadiene	1160	µg/kg	37.9	1312.9	<7.85	88.5	52-99	2.71	30	
Hexachlorocyclopentadiene	1150	µg/kg	37.9	1312.9	<32.6	87.2	39-106	3.36	30	
Hexachloroethane	1140	µg/kg	37.9	1312.9	<13.8	86.5	59-99	0.215	30	
Indeno(1,2,3-cd) pyrene	1270	µg/kg	7.65	1312.9	<4.64	96.4	57-114	2.88	30	
Isophorone	1350	µg/kg	191	1312.9	<6.51	103	55-101	2.17	30	S
Methylphenol, Total	2450	µg/kg	67.0	2626.7	<9.01	93.3	54-103	2.90	30	
Naphthalene	1170	µg/kg	7.65	1312.9	<4.26	88.8	54-99	2.81	30	
Nitrobenzene	1290	µg/kg	191	1312.9	<11.2	98.6	53-100	2.23	30	
n-Nitrosodi-n-propylamine	1250	µg/kg	37.9	1312.9	<5.50	95.2	52-104	1.69	30	
N-Nitrosodiphenylamine	1170	µg/kg	37.9	1312.9	<19.3	89.0	61-104	2.59	30	
Pentachlorophenol	1040	µg/kg	37.9	1312.9	<26.5	79.2	35-100	2.04	30	
Phenanthrene	1140	µg/kg	7.65	1312.9	<3.10	86.6	64-101	3.72	30	
Phenol	1250	µg/kg	37.9	1312.9	<16.7	95.1	51-107	2.77	30	

QA/QC Report



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2426141

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3839821

MSD CLIENT ID: Batch QC Lab ID: QC-2426141-006

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/23/26 17:15
Prep Date: 01/22/26 08:38

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Pyrene	1320	µg/kg	7.65	1312.9	<3.33	100	52-114	2.53	30	
Pyridine	1100	µg/kg	191	1312.9	<65.6	84.1	40-84	2.74	30	S
<i>Surr: 2,4,6-Tribromophenol</i>	3010	µg/kg		3282.7		91.8	48-94	3.86	30	
<i>Surr: 2-Fluorobiphenyl</i>	2490	µg/kg		3282.7		75.9	50-103	3.95	30	
<i>Surr: 2-Fluorophenol</i>	2800	µg/kg		3282.7		85.3	43-105	2.30	30	
<i>Surr: 4-Terphenyl-d14</i>	3010	µg/kg		3282.7		91.8	55-111	2.13	30	
<i>Surr: Nitrobenzene-d5</i>	3380	µg/kg		3282.7		103	47-100	3.88	30	S
<i>Surr: Phenol-d6</i>	3060	µg/kg		3282.7		93.1	49-110	3.00	30	

The following samples were analyzed in this batch: HN2600860-001, HN2600860-002, HN2600860-003



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2423185

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3835822

Volatile Organic Compounds by GC-MS

MB CLIENT ID: Method Blank Lab ID: QC-2423185-001

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/21/26 14:31

Prep Date: 01/20/26 11:24

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	<13.6	µg/kg	30.0							U
1,1,2,2-Tetrachloroethane	<13.2	µg/kg	30.0							U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	<19.0	µg/kg	30.0							U
1,1,2-Trichloroethane	<12.8	µg/kg	30.0							U
1,1-Dichloroethane	<10.9	µg/kg	30.0							U
1,1-Dichloroethylene	<9.72	µg/kg	30.0							U
1,2,3-Trichlorobenzene	<36.0	µg/kg	100							U
1,2,3-Trichloropropane	<12.6	µg/kg	30.0							U
1,2,4-Trichlorobenzene	<34.0	µg/kg	100							U
1,2,4-Trimethylbenzene	<22.0	µg/kg	30.0							U
1,2-Dibromo-3-chloropropane (DBCP)	<27.6	µg/kg	100							U
1,2-Dibromoethane (EDB, Ethylene dibromide)	<17.6	µg/kg	30.0							U
1,2-Dichlorobenzene (o-Dichlorobenzene)	<11.4	µg/kg	30.0							U
1,2-Dichloroethane (Ethylene dichloride)	<26.3	µg/kg	100							U
1,2-Dichloropropane	<22.1	µg/kg	30.0							U
1,3,5-Trimethylbenzene	<21.2	µg/kg	100							U
1,3-Dichlorobenzene (m-Dichlorobenzene)	<20.7	µg/kg	30.0							U
1,3-Dichloropropene	<16.8	µg/kg	60.0							U
1,4-Dichlorobenzene (p-Dichlorobenzene)	<24.4	µg/kg	30.0							U
2-Butanone (Methyl ethyl ketone, MEK)	<71.4	µg/kg	200							U
2-Hexanone	<14.9	µg/kg	30.0							U
4-Methyl-2-pentanone (MIBK)	<28.0	µg/kg	30.0							U
Acetone	<89.0	µg/kg	100							U
Benzene	<14.5	µg/kg	30.0							U
Bromochloromethane	<15.3	µg/kg	30.0							U
Bromodichloromethane	<16.8	µg/kg	30.0							U
Bromoform	<12.6	µg/kg	30.0							U
Carbon disulfide	<15.5	µg/kg	30.0							U
Carbon tetrachloride	<11.7	µg/kg	30.0							U
Chlorobenzene	<9.96	µg/kg	30.0							U
Chlorodibromomethane	<16.8	µg/kg	30.0							U
Chloroethane (Ethyl chloride)	<84.0	µg/kg	100							U
Chloroform	<11.0	µg/kg	30.0							U
cis-1,2-Dichloroethylene	<19.3	µg/kg	30.0							U
cis-1,3-Dichloropropene	<22.6	µg/kg	30.0							U
Cyclohexane	<23.0	µg/kg	100							U
Dichlorodifluoromethane (Freon-12)	<36.3	µg/kg	100							U
Ethylbenzene	<21.3	µg/kg	30.0							U



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2423185

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3835822

MB CLIENT ID: Method Blank Lab ID: QC-2423185-001

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/21/26 14:31
Prep Date: 01/20/26 11:24

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	<15.3	µg/kg	30.0							U
(Fluorotrichloromethane, Freon 11)										
Vinyl chloride (Chloroethene)	<19.9	µg/kg	30.0							U
Surr: 1,2-Dichloroethane-d4	998	µg/kg		1000		99.8	80-120			
Surr: 4-Bromofluorobenzene	1020	µg/kg		1000		102	80-120			
Surr: Dibromofluoromethane	966	µg/kg		1000		96.6	72-120			
Surr: Toluene-d8	979	µg/kg		1000		97.9	80-120			

LCS CLIENT ID: Laboratory Control Sample Lab ID: QC-2423185-002

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/21/26 13:32
Prep Date: 01/20/26 11:24

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	930	µg/kg	30.0	1000		93.0	75-121			
1,1,2,2-Tetrachloroethane	912	µg/kg	30.0	1000		91.2	79-125			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	966	µg/kg	30.0	1000		96.6	62-129			
1,1,2-Trichloroethane	894	µg/kg	30.0	1000		89.4	80-123			
1,1-Dichloroethane	890	µg/kg	30.0	1000		89.0	74-124			
1,1-Dichloroethylene	903	µg/kg	30.0	1000		90.3	68-131			
1,2,3-Trichlorobenzene	938	µg/kg	100	1000		93.8	60-135			
1,2,3-Trichloropropane	906	µg/kg	30.0	1000		90.6	77-121			
1,2,4-Trichlorobenzene	962	µg/kg	100	1000		96.2	63-130			
1,2,4-Trimethylbenzene	954	µg/kg	30.0	1000		95.4	64-126			
1,2-Dibromo-3-chloropropane (DBCP)	863	µg/kg	100	1000		86.3	55-135			
1,2-Dibromoethane (EDB, Ethylene dibromide)	938	µg/kg	30.0	1000		93.8	63-155			
1,2-Dichlorobenzene (o-Dichlorobenzene)	944	µg/kg	30.0	1000		94.4	77-122			



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2423185

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3835822

LCS CLIENT ID: Laboratory Control Sample Lab ID: QC-2423185-002

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/21/26 13:32
Prep Date: 01/20/26 11:24

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	964	µg/kg		1000		96.4	80-120			
Surr: 4-Bromofluorobenzene	971	µg/kg		1000		97.1	80-120			
Surr: Dibromofluoromethane	951	µg/kg		1000		95.1	72-120			
Surr: Toluene-d8	988	µg/kg		1000		98.8	80-120			

MS CLIENT ID: Batch QC Lab ID: QC-2423185-005

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/21/26 21:42
Prep Date: 01/20/26 11:24

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	1830	µg/kg	60.4	1886.8	<25.7	96.8	75-121			
1,1,2,2-Tetrachloroethane	1320	µg/kg	60.4	1886.8	<25.0	69.8	79-125			S
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1770	µg/kg	60.4	1886.8	<35.8	93.6	62-129			
1,1,2-Trichloroethane	1660	µg/kg	60.4	1886.8	<24.1	88.1	80-123			
1,1-Dichloroethane	1750	µg/kg	60.4	1886.8	<20.6	92.8	74-124			
1,1-Dichloroethylene	1760	µg/kg	60.4	1886.8	<18.3	93.1	68-131			
1,2,3-Trichlorobenzene	1490	µg/kg	201	1886.8	<67.9	79.1	60-135			
1,2,3-Trichloropropane	1640	µg/kg	60.4	1886.8	<23.7	86.8	77-121			
1,2,4-Trichlorobenzene	1510	µg/kg	201	1886.8	<64.2	80.0	63-130			
1,2,4-Trimethylbenzene	1750	µg/kg	60.4	1886.8	<41.5	92.6	64-126			
1,2-Dibromo-3-chloropropane (DBCP)	1280	µg/kg	201	1886.8	<52.1	67.6	55-135			
1,2-Dibromoethane (EDB, Ethylene dibromide)	1740	µg/kg	60.4	1886.8	<33.3	92.3	63-155			
1,2-Dichlorobenzene (o-Dichlorobenzene)	1560	µg/kg	60.4	1886.8	<21.5	82.9	77-122			
1,2-Dichloroethane (Ethylene dichloride)	1770	µg/kg	201	1886.8	<49.7	93.8	70-130			
1,2-Dichloropropane	1700	µg/kg	60.4	1886.8	<41.7	90.0	71-130			
1,3,5-Trimethylbenzene	1820	µg/kg	201	1886.8	<40.0	96.2	66-130			
1,3-Dichlorobenzene (m-Dichlorobenzene)	1570	µg/kg	60.4	1886.8	<39.1	83.4	78-121			
1,3-Dichloropropene	3190	µg/kg	121	3773.6	<31.6	84.6	62-124			
1,4-Dichlorobenzene (p-Dichlorobenzene)	1570	µg/kg	60.4	1886.8	<46.0	83.4	78-122			
2-Butanone (Methyl ethyl ketone, MEK)	1930	µg/kg	402	1886.8	<135	102	47-164			
2-Hexanone	2050	µg/kg	60.4	1886.8	<28.1	109	70-137			
4-Methyl-2-pentanone (MIBK)	2350	µg/kg	60.4	1886.8	<52.8	125	57-200			
Acetone	3100	µg/kg	201	1886.8	<168	164	52-190			
Benzene	1830	µg/kg	60.4	1886.8	<27.4	97.2	78-122			
Bromochloromethane	1720	µg/kg	60.4	1886.8	<28.8	91.0	68-130			
Bromodichloromethane	1710	µg/kg	60.4	1886.8	<31.7	90.8	75-125			
Bromoform	1570	µg/kg	60.4	1886.8	<23.8	83.0	59-120			
Carbon disulfide	1840	µg/kg	60.4	1886.8	<29.3	97.7	60-163			
Carbon tetrachloride	1790	µg/kg	60.4	1886.8	<22.2	94.8	69-123			
Chlorobenzene	1730	µg/kg	60.4	1886.8	<18.8	91.6	79-120			



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2423185

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3835822

MS CLIENT ID: Batch QC Lab ID: QC-2423185-005

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/21/26 21:42
Prep Date: 01/20/26 11:24

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chlorodibromomethane	1620	µg/kg	60.4	1886.8	<31.8	86.0	57-123			
Chloroethane (Ethyl chloride)	<159	µg/kg	201	1886.8	<159	4.20	38-132			SU
Chloroform	1730	µg/kg	60.4	1886.8	<20.7	91.4	72-122			
cis-1,2-Dichloroethylene	1770	µg/kg	60.4	1886.8	<36.4	93.8	74-125			
cis-1,3-Dichloropropene	1640	µg/kg	60.4	1886.8	<42.6	87.1	62-124			
Dichlorodifluoromethane (Freon-12)	894	µg/kg	201	1886.8	<68.5	47.4	28-137			
Ethylbenzene	1830	µg/kg	60.4	1886.8	<40.2	97.0	75-121			
Isopropylbenzene	1850	µg/kg	60.4	1886.8	<35.8	98.2	74-121			
m+p-Xylene	3720	µg/kg	121	3773.6	<75.5	98.4	67-129			
Methyl acetate	1920	µg/kg	503	1886.8	<67.8	102	61-125			
Methyl bromide (Bromomethane)	469	µg/kg	201	1886.8	<108	24.8	31-169			S
Methyl chloride (Chloromethane)	1140	µg/kg	201	1886.8	<155	60.6	24-119			
Methyl tert-butyl ether (MTBE)	1640	µg/kg	60.4	1886.8	<41.3	86.9	79-139			
Methylene chloride (Dichloromethane)	1750	µg/kg	503	1886.8	<150	92.8	62-135			
o-Xylene	1810	µg/kg	60.4	1886.8	<21.9	95.9	75-120			
Styrene	1770	µg/kg	60.4	1886.8	<22.4	94.0	74-126			
Tetrachloroethylene (Perchloroethylene)	3370	µg/kg	60.4	1886.8	<34.1	178	76-128			S
Toluene	1760	µg/kg	60.4	1886.8	<46.7	93.1	76-120			
Total Xylene	5520	µg/kg	181	5660.4	<21.9	97.6	67-129			
trans-1,2-Dichloroethylene	1770	µg/kg	60.4	1886.8	<46.7	93.6	72-127			
trans-1,3-Dichloropropylene	1550	µg/kg	60.4	1886.8	<31.6	82.2	66-120			
Trichloroethene (Trichloroethylene)	2070	µg/kg	60.4	1886.8	<25.4	110	75-122			
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	1270	µg/kg	60.4	1886.8	<28.9	67.4	51-115			
Vinyl chloride (Chloroethene)	1090	µg/kg	60.4	1886.8	<37.6	57.6	43-128			
Surr: 1,2-Dichloroethane-d4	1840	µg/kg		1886.8		97.4	80-120			
Surr: 4-Bromofluorobenzene	1960	µg/kg		1886.8		104	80-120			
Surr: Dibromofluoromethane	1780	µg/kg		1886.8		94.4	72-120			
Surr: Toluene-d8	1810	µg/kg		1886.8		95.8	80-120			

MSD CLIENT ID: Batch QC Lab ID: QC-2423185-006

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/21/26 22:02
Prep Date: 01/20/26 11:24

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	1900	µg/kg	60.4	1886.8	<25.7	101	75-121	4.00	30	
1,1,2,2-Tetrachloroethane	1370	µg/kg	60.4	1886.8	<25.0	72.6	79-125	3.93	30	S
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1830	µg/kg	60.4	1886.8	<35.8	97.2	62-129	3.72	30	
1,1,2-Trichloroethane	1740	µg/kg	60.4	1886.8	<24.1	92.0	80-123	4.39	30	
1,1-Dichloroethane	1810	µg/kg	60.4	1886.8	<20.6	95.8	74-124	3.23	30	
1,1-Dichloroethylene	1790	µg/kg	60.4	1886.8	<18.3	94.7	68-131	1.70	30	
1,2,3-Trichlorobenzene	1640	µg/kg	201	1886.8	<67.9	87.2	60-135	9.68	30	
1,2,3-Trichloropropane	1710	µg/kg	60.4	1886.8	<23.7	90.8	77-121	4.56	30	
1,2,4-Trichlorobenzene	1650	µg/kg	201	1886.8	<64.2	87.6	63-130	9.07	30	



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2423185

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3835822

MSD	CLIENT ID: Batch QC	Lab ID: QC-2423185-006
------------	----------------------------	-------------------------------

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/21/26 22:02
Prep Date: 01/20/26 11:24

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	1840	µg/kg	60.4	1886.8	<41.5	97.8	64-126	5.41	30	
1,2-Dibromo-3-chloropropane (DBCP)	1430	µg/kg	201	1886.8	<52.1	75.8	55-135	11.4	30	
1,2-Dibromoethane (EDB, Ethylene dibromide)	1790	µg/kg	60.4	1886.8	<33.3	94.8	63-155	2.73	30	
1,2-Dichlorobenzene (o-Dichlorobenzene)	1710	µg/kg	60.4	1886.8	<21.5	90.8	77-122	9.04	30	
1,2-Dichloroethane (Ethylene dichloride)	1830	µg/kg	201	1886.8	<49.7	97.0	70-130	3.41	30	
1,2-Dichloropropane	1770	µg/kg	60.4	1886.8	<41.7	93.8	71-130	4.19	30	
1,3,5-Trimethylbenzene	1920	µg/kg	201	1886.8	<40.0	102	66-130	5.36	30	
1,3-Dichlorobenzene (m-Dichlorobenzene)	1720	µg/kg	60.4	1886.8	<39.1	91.0	78-121	8.77	30	
1,3-Dichloropropene	3350	µg/kg	121	3773.6	<31.6	88.9	62-124	4.90	30	
1,4-Dichlorobenzene (p-Dichlorobenzene)	1710	µg/kg	60.4	1886.8	<46.0	90.7	78-122	8.39	30	
2-Butanone (Methyl ethyl ketone, MEK)	2090	µg/kg	402	1886.8	<135	111	47-164	7.74	30	
2-Hexanone	2150	µg/kg	60.4	1886.8	<28.1	114	70-137	4.98	30	
4-Methyl-2-pentanone (MIBK)	2490	µg/kg	60.4	1886.8	<52.8	132	57-200	5.42	30	
Acetone	3100	µg/kg	201	1886.8	<168	164	52-190	0.0304	30	
Benzene	1920	µg/kg	60.4	1886.8	<27.4	102	78-122	4.48	30	
Bromochloromethane	1800	µg/kg	60.4	1886.8	<28.8	95.6	68-130	4.88	30	
Bromodichloromethane	1780	µg/kg	60.4	1886.8	<31.7	94.2	75-125	3.78	30	
Bromoform	1640	µg/kg	60.4	1886.8	<23.8	87.2	59-120	4.88	30	
Carbon disulfide	1900	µg/kg	60.4	1886.8	<29.3	101	60-163	3.02	30	
Carbon tetrachloride	1810	µg/kg	60.4	1886.8	<22.2	95.8	69-123	1.05	30	
Chlorobenzene	1820	µg/kg	60.4	1886.8	<18.8	96.2	79-120	5.01	30	
Chlorodibromomethane	1690	µg/kg	60.4	1886.8	<31.8	89.7	57-123	4.15	30	
Chloroethane (Ethyl chloride)	<159	µg/kg	201	1886.8	<159	5.05	38-132	0.00	30	US
Chloroform	1830	µg/kg	60.4	1886.8	<20.7	97.2	72-122	6.10	30	
cis-1,2-Dichloroethylene	1850	µg/kg	60.4	1886.8	<36.4	97.9	74-125	4.28	30	
cis-1,3-Dichloropropene	1710	µg/kg	60.4	1886.8	<42.6	90.8	62-124	4.21	30	
Dichlorodifluoromethane (Freon-12)	908	µg/kg	201	1886.8	<68.5	48.1	28-137	1.47	30	
Ethylbenzene	1920	µg/kg	60.4	1886.8	<40.2	102	75-121	4.59	30	
Isopropylbenzene	1950	µg/kg	60.4	1886.8	<35.8	103	74-121	5.16	30	
m+p-Xylene	3880	µg/kg	121	3773.6	<75.5	103	67-129	4.44	30	
Methyl acetate	1850	µg/kg	503	1886.8	<67.8	98.1	61-125	3.70	30	
Methyl bromide (Bromomethane)	504	µg/kg	201	1886.8	<108	26.7	31-169	7.18	30	S
Methyl chloride (Chloromethane)	1030	µg/kg	201	1886.8	<155	54.6	24-119	10.2	30	
Methyl tert-butyl ether (MTBE)	1700	µg/kg	60.4	1886.8	<41.3	90.2	79-139	3.73	30	
Methylene chloride (Dichloromethane)	1820	µg/kg	503	1886.8	<150	96.6	62-135	4.06	30	
o-Xylene	1900	µg/kg	60.4	1886.8	<21.9	101	75-120	4.93	30	
Styrene	1840	µg/kg	60.4	1886.8	<22.4	97.4	74-126	3.50	30	
Tetrachloroethylene (Perchloroethylene)	3560	µg/kg	60.4	1886.8	<34.1	189	76-128	5.53	30	S
Toluene	1870	µg/kg	60.4	1886.8	<46.7	98.9	76-120	6.04	30	
Total Xylene	5780	µg/kg	181	5660.4	<21.9	102	67-129	4.60	30	



Client: The Mannik & Smith Group, Inc.
Project: 3729 E Nevada
Matrix: SOIL/SOLID
QC Lot: 2423185

Work Order: HN2600860
Date Collected: NA
Date Received: NA
Run ID: 3835822

MSD CLIENT ID: Batch QC Lab ID: QC-2423185-006

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/21/26 22:02
Prep Date: 01/20/26 11:24

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
trans-1,2-Dichloroethylene	1850	µg/kg	60.4	1886.8	<46.7	98.0	72-127	4.54	30	
trans-1,3-Dichloropropylene	1640	µg/kg	60.4	1886.8	<31.6	86.9	66-120	5.62	30	
Trichloroethene (Trichloroethylene)	2160	µg/kg	60.4	1886.8	<25.4	114	75-122	4.29	30	
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	1310	µg/kg	60.4	1886.8	<28.9	69.2	51-115	2.63	30	
Vinyl chloride (Chloroethene)	1120	µg/kg	60.4	1886.8	<37.6	59.2	43-128	2.83	30	
Surr: 1,2-Dichloroethane-d4	1860	µg/kg		1886.8		98.4	80-120	1.12	30	
Surr: 4-Bromofluorobenzene	1920	µg/kg		1886.8		102	80-120	2.14	30	
Surr: Dibromofluoromethane	1800	µg/kg		1886.8		95.2	72-120	0.897	30	
Surr: Toluene-d8	1820	µg/kg		1886.8		96.4	80-120	0.520	30	

The following samples were analyzed in this batch: HN2600860-001, HN2600860-002, HN2600860-003