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FILL MATERIAL SAMPLING REPORT

18866 GREELEY
DETROIT, WAYNE COUNTY, MICHIGAN 48214

FEBRUARY 12, 2026

PREPARED FOR:

THE CITY OF DETROIT DEMOLITION DEPARTMENT

1301 THIRD STREET, SUITE 606
DETROIT, MICHIGAN 48226

Mannik Smith GROUP

FILL MATERIAL SAMPLING REPORT

18866 GREELEY
DETROIT, WAYNE COUNTY, MICHIGAN 48214

PREPARED BY: _____

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EXECUTIVE SUMMARY

The Mannik & Smith Group, Inc. (MSG) was retained by the City of Detroit (COD) to perform sampling and analysis of fill materials at the property commonly addressed as 18866 Greeley, 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 18866 SB01, 18866 SB02, and 18866 SB03 generally consisted of brown 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 sample 18866 SB01 (1-2')_20260116 in excess of its respective Part 201 groundwater surface water interface protection criteria (GSIPC) and drinking water protection criteria (DWPC).
- Concentrations of 1-methylnaphthalene, 2-methylnaphthalene, acenaphthene, anthracene, arsenic, barium, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, benzo(a)pyrene, bis(2-ethylhexyl) phthahalate, chlordane technical, chloride, chromium (Total), chrysene, copper, fluoranthene, indeno(1,2,3-cd)pyrene, lead, mercury, naphthalene, phenanthrene, pyrene, and zinc were detected in soil samples 18866 SB01 (1-2')_20260116, 18866 SB02 (3-4')_20260116, and/or 18866 SB03 (5-6')_20260116 at concentrations above laboratory method detection limits; however, detected concentrations were below their respective Part 201 GRCC and/or Statewide Default Background Levels.
- VOCs, PCBs, and herbicides were not detected above laboratory method detection reporting limits.
- Groundwater was not encountered during soil boring activities completed as part of this investigation. Groundwater is not utilized as drinking water at or near the Site, as municipal water is supplied via the COD, and the general geology of the Site and surrounding area consists of fill materials underlain by clay overlying bedrock. Therefore, the drinking water (DW) exposure pathway can be considered not applicable. Additionally, groundwater was not encountered during this investigation to transport contaminants to either storm sewers or surface water and the clay layer also inhibits migration. Therefore, the groundwater surface water exposure pathway can be considered not applicable.

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.

TABLE OF CONTENTS

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 18866 Greeley, 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 16, 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 16, 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 18866 SB01, 18866 SB02, and 18866 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 18866 SB01 (1-2')_20260116, 18866 SB02 (3-4')_20260116, and 18866 SB03 (5-6')_20260116, 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 16, 2026.

4.1 Site Geology and Hydrogeology

The stratigraphy encountered during soil boring advancement of 18866 SB01, 18866 SB02, and 18866 SB03 generally consisted of brown 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 18866 SB01 (1-2')_20260116, 18866 SB02 (3-4') _20260116, and 18866 SB03 (5-6') _20260116, were collected from the Site and submitted to ALS for laboratory analysis of VOCs, SVOCs, PCBs, Michigan 10 Metals, chloride, herbicides, and pesticides.

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

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

Chemical	CAS Number	Soil Sample (feet bgs)	Part 201 GRCC Exceeded / Concentration (µg/kg[1])	Maximum Detected Concentration (µg/kg)
Arsenic	7440-38-2	18866 SB01 (1-2)_20260116	GSIPC[2] / 4,600 DWPC[3] / 4,600	6,310

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

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 18866 SB01, 18866 SB02, and 18866 SB03 generally consisted of brown 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 sample 18866 SB01 (1-2')_20260116 in excess of its respective Part 201 groundwater surface water interface protection criteria (GSIPC) and drinking water protection criteria (DWPC).
- Concentrations of 1-methylnaphthalene, 2-methylnaphthalene, acenaphthene, anthracene, arsenic, barium, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(g,h,i)perylene, benzo(a)pyrene, bis(2-ethylhexyl) phthahalate, chlordane technical, chloride, chromium (Total), chrysene, copper, fluoranthene, indeno(1,2,3-cd)pyrene, lead, mercury, naphthalene, phenanthrene, pyrene, and zinc were detected in soil samples 18866 SB01 (1-2')_20260116, 18866 SB02 (3-4')_20260116, and/or 18866 SB03 (5-6')_20260116 at concentrations above laboratory method detection limits; however, detected concentrations were below their respective Part 201 GRCC and/or Statewide Default Background Levels.
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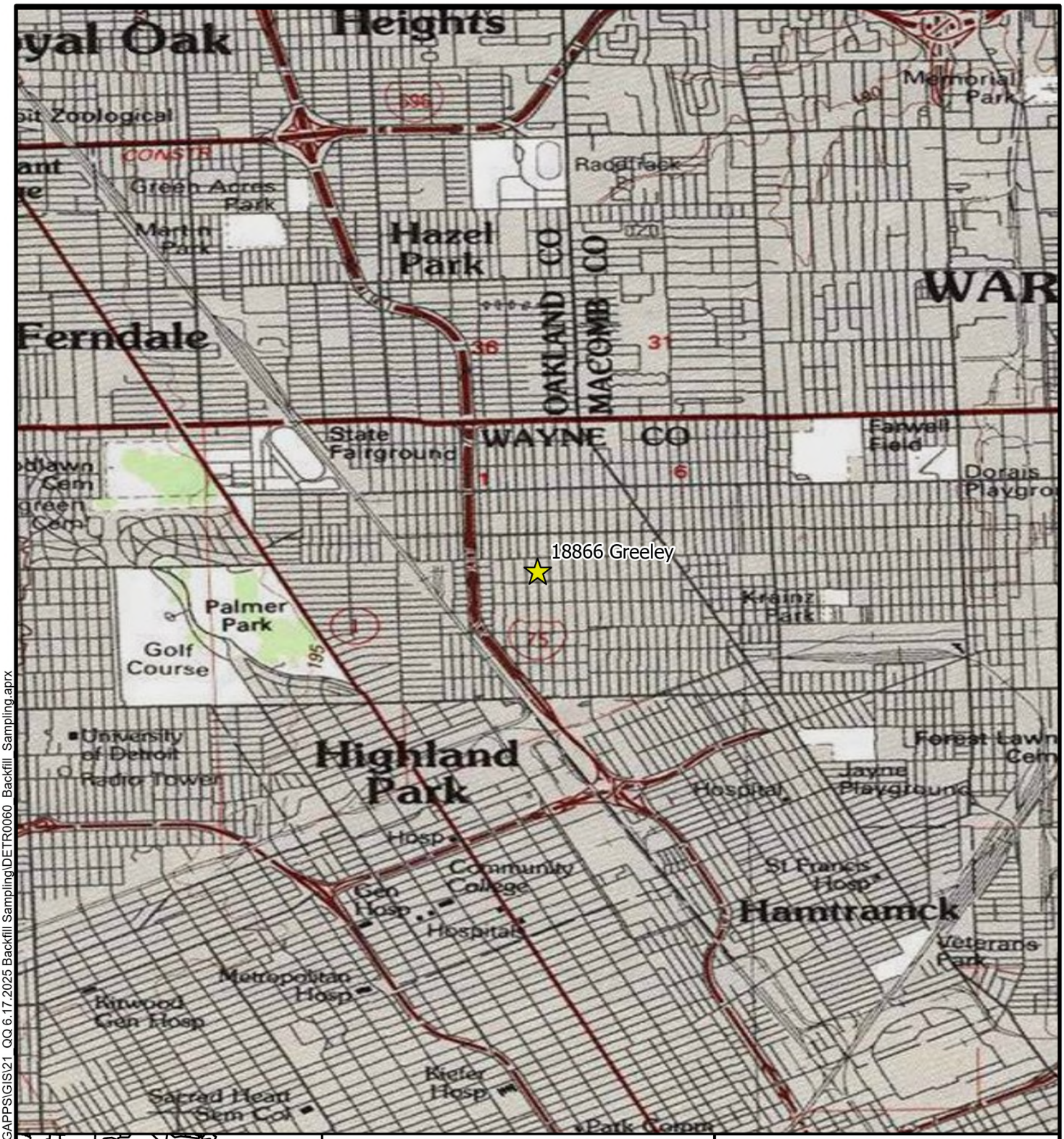
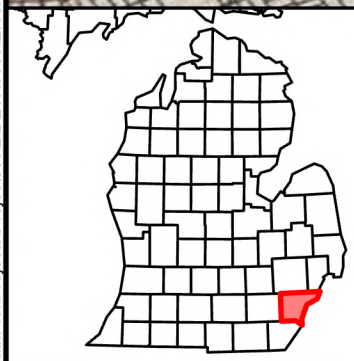
MSG has evaluated the analytical results of the fill material. Based upon the analytical results, we have determined that the material is contaminated above the state's Part 201 GRCC, as applicable.

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

FIGURES





Site Location

MSG

0 0.5 1 Miles

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www.MannikSmithGroup.com

FIGURE 1

SITE LOCATION

18866 Greeley, Detroit, MI

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

Basemap Source: ESRI USA_Topo_Maps Web Service

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

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

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FIGURE 2

Site Layout

18866 Greeley, Detroit, MI

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

Date Saved: 1/6/2026 8:15 PM
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TABLE

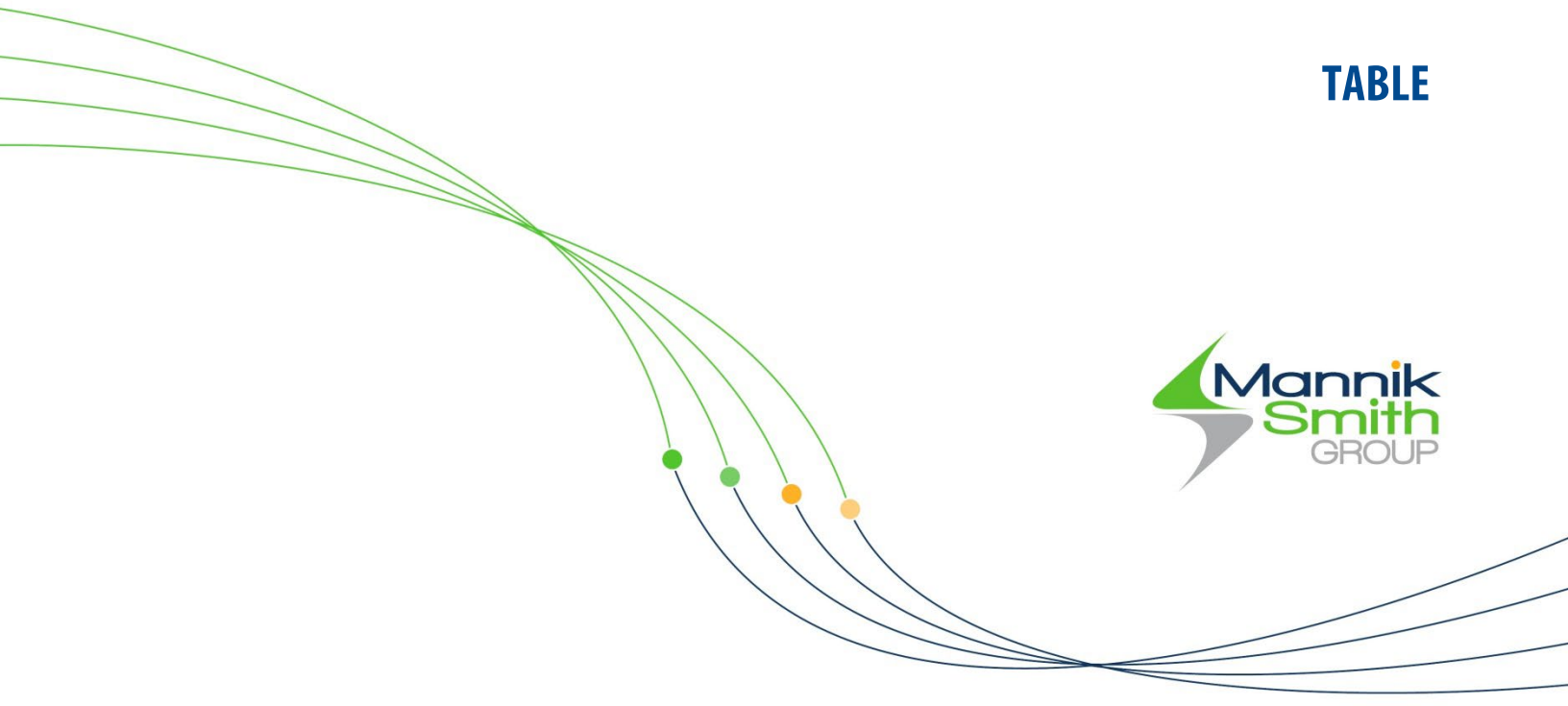

Table 1
Soil Sample Analytical Detection Summary

Detroit Backfill Sampling
18866 Greeley, Detroit, Michigan

SOIL: Part 201/213 Generic Residential Cleanup Criteria Revised October 12, 2023 and Volatilization to Indoor Air Pathway Screening Levels Revised February 26, 2024			Inorganic Anions/Ions	Metals							Pesticides
			Chloride	Arsenic (B)	Barium (B)	Chromium, Total (B)	Copper (B)	Lead (B)	Mercury (B)	Zinc (B)	Chlordane, technical
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	12789-03-6
Units			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
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
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
Soil Volatilization to Indoor Air Inhalation (SVIIC)			NC	NLV	NLV	NC	NLV	NLV	48,000	NC	NC
Soil Volatilization to Indoor Air Pathway (SVIAP)			NC	NC	NC	NC	NC	NC	22(M)	NC	NC
Infinite Source Volatile Soil Inhalation Criteria (VSIC)			NC	NLV	NLV	NC	NLV	NLV	52,000	NC	NC
Finite Source Volatile Soil Inhalation Criteria (5 m) (VSIC 5m)			NC	NLV	NLV	NC	NLV	NLV	52,000	NC	NC
Finite Source Volatile Soil Inhalation Criteria (2 m) (VSIC 2m)			NC	NLV	NLV	NC	NLV	NLV	52,000	NC	NC
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
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
Soil Saturation Concentration Screening Levels (Csat)			NC	NA	NA	NC	NA	NA	NA	NC	NC
Sample ID	Sample Depth (ft)	Sample Date									
18866 SB01	1.0 - 2.0	01/16/2026	**26,400**	**6,310**	**70,300**	**16,100**	**13,800**	**58,500**	**89.3**	**126,000**	**249**
18866 SB02	3.0 - 4.0	01/16/2026	**15,200**	**4,720**	**62,100**	**11,400**	**8,930**	**13,200**	**39.1**	**33,500**	<26.9
18866 SB03	5.0 - 6.0	01/16/2026	**74,100**	**5,300**	**49,700**	**15,300**	**9,920**	**11,600**	**42.7**	**36,500**	<26.1

Notes

Only parameters with one or more detections are shown.

ug/kg = Micrograms per Kilogram.

Exceeds Generic Drinking Water Protection Criteria.

Exceeds Groundwater Surface Water Interface Protection Criteria.

Exceeds Applicable Soil Vapor Inhalation Criteria/Screening Levels.

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

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

Bold indicates concentration above laboratory reporting limits.

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

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

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

Table 1
Soil Sample Analytical Detection Summary

Detroit Backfill Sampling
18866 Greeley, Detroit, Michigan

SOIL: Part 201/213 Generic Residential Cleanup Criteria Revised October 12, 2023 and Volatilization to Indoor Air Pathway Screening Levels Revised February 26, 2024			Semivolatile Organic Compounds (SVOCs)															
			1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Anthracene	Benzo(A)Anthracene	Benzo(A)Pyrene	Benzo(B)Fluoranthene	Benzo(G,H,I)Perylene	Benzo(K)Fluoranthene	Bis(2-ethylhexyl) phthalate	Chrysene	Fluoranthene	Fluorene	Indeno(1,2,3-Cd)Pyrene	Naphthalene	Phenanthrene	Pyrene
CAS Number			90-12-0	91-57-6	83-32-9	120-12-7	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9	117-81-7	218-01-9	206-44-0	86-73-7	193-39-5	91-20-3	85-01-8	129-00-0
Units			ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Statewide Default Background Levels			NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Drinking Water Protection Criteria (DWPC)			NC	57,000	3.00E+05	41,000	NLL	NLL	NLL	NLL	NLL	NLL	NLL	7.30E+05	3.90E+05	NLL	35,000	56,000	4.80E+05
Groundwater Surface Water Interface Protection Criteria (GSIPC)			NC	4,200	8,700	ID	NLL	NLL	NLL	NLL	NLL	NLL	NLL	5,500	5,300	NLL	730	2,100	ID
Soil Volatilization to Indoor Air Inhalation (SVIIC)			NC	2.70E+06	1.90E+08	1.00E+09	NLV	NLV	ID	NLV	NLV	NLV	ID	1.00E+09	5.80E+08	NLV	2.50E+05	2.80E+06	1.00E+09
Soil Volatilization to Indoor Air Pathway (SVIAP)			NC	1,700	2.00E+05	1.30E+07	1.60E+05 (M)	NC	NC	NC	NC	NC	NC	NC	4.70E+05	NC	67 (M)	1,700	2.50E+07
Infinite Source Volatile Soil Inhalation Criteria (VSIC)			NC	1.50E+06	8.10E+07	1.40E+09	NLV	NLV	ID	NLV	NLV	NLV	ID	7.40E+08	1.30E+08	NLV	3.00E+05	1.60E+05	6.50E+08
Finite Source Volatile Soil Inhalation Criteria (5 m) (VSIC 5m)			NC	1.50E+06	8.10E+07	1.40E+09	NLV	NLV	ID	NLV	NLV	NLV	ID	7.40E+08	1.30E+08	NLV	3.00E+05	1.60E+05	6.50E+08
Finite Source Volatile Soil Inhalation Criteria (2 m) (VSIC 2m)			NC	1.50E+06	8.10E+07	1.40E+09	NLV	NLV	ID	NLV	NLV	NLV	ID	7.40E+08	1.30E+08	NLV	3.00E+05	1.60E+05	6.50E+08
Particulate Soil Inhalation Criteria (PSIC)			NC	6.70E+08	1.40E+10	6.70E+10	ID	1.50E+06	ID	8.00E+08	ID	7.00E+08	ID	9.30E+09	9.30E+09	ID	2.00E+08	6.70E+06	6.70E+09
Direct Contact Criteria (DCC)			NC	8.10E+06	4.10E+07	2.30E+08	20,000	2,000	20,000	2.50E+06	2.00E+05	2.80E+06	2.00E+06	4.60E+07	2.70E+07	20,000	1.60E+07	1.60E+06	2.90E+07
Soil Saturation Concentration Screening Levels (Csat)			NC	NA	NA	NA	NA	NA	NA	NA	NA	1.00E+07	NA	NA	NA	NA	NA	NA	NA
Sample ID	Sample Depth (ft)	Sample Date																	
18866 SB01	1.0 - 2.0	01/16/2026	<48	<33.9	<48.2	<47	**79.9**	**99.9**	**113**	**93.3**	**66.6**	**340**	<53.9	**99.9**	<48.4	**113**	<42.6	<31	**93.3**
18866 SB02	3.0 - 4.0	01/16/2026	<13.5	<9.56	<13.6	<13.3	**30.1**	**33.8**	**41.4**	**28.2**	**20.7**	<77.8	**18.8**	**41.4**	<13.7	**37.6**	<12	<8.74	**39.5**
18866 SB03	5.0 - 6.0	01/16/2026	**18.9**	**26.5**	**22.7**	**53**	**157**	**157**	**201**	**116**	**75.8**	<78.3	**138**	**299**	**18.9**	**106**	**18.9**	**157**	**237**

Notes

Only parameters with one or more detections are shown.

ug/kg = Micrograms per Kilogram.

Exceeds Generic Drinking Water Protection Criteria.

Exceeds Groundwater Surface Water Interface Protection Criteria.

Exceeds Applicable Soil Vapor Inhalation Criteria/Screening Levels.

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

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

Bold indicates concentration above laboratory reporting limits.

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

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

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

APPENDIX A

LIMITATIONS

LIMITATIONS

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

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

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

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

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

APPENDIX B

DAILY FIELD REPORT

DAILY FIELD REPORT

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

Date: 01/16/2026 **Day:** Friday
MSG Personnel: EJH, KDW, MW
Personnel: MSG
MSG Hours On-Site: ~ 1 hour

Temp:	24º F	**(AM)**	15º F	**(PM)**
Cloud Cover:	N/A	**(AM)**	0%	**(PM)**
Precip.:	N/A	**(AM)**	Light Snow	**(PM)**

Contractors Information

Contractor:	No. Men and Type:	Equipment Type:
MSG	3; Operator/Helper/Geologist	Geoprobe 7822DT

Summary of Work Performed:

- Advanced three (3) onsite soil borings to a maximum depth of 6 feet below ground surface (bgs)
- Collected soil samples from each soil boring (from the interval with the greatest potential to be impacted based on field indicators).

Field Notes:

- 1242 – EJH, KDW, and MW onsite (18866 Greeley Street)
- 1248 – Unloaded equipment and marked out boring locations and began drilling SB01
- 1255 – Sampled 18866 SB01 (1-2')
- 1259 – Began drilling SB02
- 1303 – Sampled 18866 SB02 (3-4')
- 1306 – Began drilling SB03
- 1310 – Sampled 18866 SB03 (5-6')
- 1324 – MSG off site

Supporting Documentation

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

Problem Identification and Corrective Measures

N/A

Resolved? Yes ☐ No ☐

APPENDIX C

INVESTIGATION PHOTOGRAPHS

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

Photo 2: View of drilling at 18866 SB01, facing east.

Photo 3: Viewing the soil recovery from 18866 SB01, facing east.

APPENDIX D

SOIL BORING LOGS

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

BOREHOLE NUMBER SB01

CLIENT City of Detroit
PROJECT NAME Backfill Soil Sampling
PROJECT NUMBER DETR0060_18866 Greeley
PROJECT LOCATION 18866 Greeley, Detroit, MI
DATE STARTED 01-16-2026 **COMPLETED** 01-16-2026
POSITION
DRILLING CONTRACTOR MSG
SURFACE ELEVATION **FINAL DEPTH** 6.0 ft
DRILLING METHOD Direct Push
LOGGED BY EJH **CHECKED BY** SCD
EQUIPMENT GeoProbe 7822DT **Operator** MW
REMARKS

DEPTH (ft)	SAMPLE INTERVALS	RECOVERY %	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (PPM)	REMARKS
				Brown, Sandy SILT, Dry	0	Collected Soil Sample 18866 SB01 (1-2') _20260116 at 1255
				2.0		
				Brown, CLAY, Dry	0	
	ES	67			0	
					0	
5					0	
				6.0	0	
				Terminated at 6.00 ft.		
10						

LEGEND:

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

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

BOREHOLE NUMBER SB02

CLIENT City of Detroit
PROJECT NAME Backfill Soil Sampling
PROJECT NUMBER DETR0060_18866 Greeley
PROJECT LOCATION 18866 Greeley, Detroit, MI
DATE STARTED 01-16-2026 **COMPLETED** 01-16-2026
POSITION
DRILLING CONTRACTOR MSG
SURFACE ELEVATION
FINAL DEPTH 6.0 ft
DRILLING METHOD Direct Push
LOGGED BY EJH **CHECKED BY** SCD
EQUIPMENT GeoProbe 7822DT **Operator** MW
REMARKS

DEPTH (ft)	SAMPLE INTERVALS	RECOVERY %	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (PPM)	REMARKS
				Brown, Silty CLAY, Dry	0	
					0	
	ES	68			0	Collected Soil Sample 18866 SB02 (3-4') _20260116 at 1303
					0	
5					0	
				6.0	0	
				Terminated at 6.00 ft.		
10						

LEGEND:

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

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

BOREHOLE NUMBER SB03

CLIENT City of Detroit
PROJECT NAME Backfill Soil Sampling
PROJECT NUMBER DETR0060_18866 Greeley
PROJECT LOCATION 18866 Greeley, Detroit, MI
DATE STARTED 01-16-2026 **COMPLETED** 01-16-2026
POSITION
DRILLING CONTRACTOR MSG
SURFACE ELEVATION **FINAL DEPTH** 6.0 ft
DRILLING METHOD Direct Push
LOGGED BY EJH **CHECKED BY** SCD
EQUIPMENT GeoProbe 7822DT **Operator** MW
REMARKS

DEPTH (ft)	SAMPLE INTERVALS	RECOVERY %	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (PPM)	REMARKS
				Brown, Silty CLAY, Dry	0	
					0	
	ES	67		3.0 Brown, CLAY, Dry	0	
					0	
5					0	Collected Soil Sample 18866 SB03 (5-6') _20260116 at 1310
				6.0	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

January 26, 2026

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

Date Received: **01/17/2026**
Work Order: **HN2600834**

Re: **18866 Greeley**

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/ ALEX CSASZAR on behalf of PM listed above

Project Manager

Client: The Mannik & Smith Group, Inc. **Work Order:** HN2600834

Project: 18866 Greeley **Date Received:** 17-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 17-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: HN2600834

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

Run ID: 3830314

Mass reduced due to a high moisture content present within the sample.
Mass reduced due to the presence of high moisture clay within the sample.
Mass reduced due to the presence of a strong odor within the sample.

Run ID: 3827879

HN2600834-001: sample reduced due to clay

HN2600834-002: sample reduced due to clay

HN2600834-003: sample reduced due to clay

Run ID: 3831437

HN2600834-001: sample reduced due to color

HN2600834-003: sample reduced due to clay and pigmentation

Run ID: 3827882

HN2600834-001: sample reduced due to clay

HN2600834-002: sample reduced due to clay

HN2600834-003: sample reduced due to clay

Client: The Mannik & Smith Group, Inc. **Work Order:** HN2600834
Project: 18866 Greeley **Date Received:** 17-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.

Metals

EPA 6020B-3050B-S

Run ID: 3836793

The MSD recovery was outside of the control limit; however, the result in the parent sample is greater than 4x the spike amount. No qualification is required for this analyte: Ba, Cu, Pb Batch 2426113
The MS recovery was outside of the control limit; however, the result in the parent sample is greater than 4x the spike amount. No qualification is required for this analyte: Ba, Cu, Pb Batch 2426113
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: As, Cr Batch 2426113
HN2600834-001: Silver - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. Cd, Se, Ag
HN2600834-001: Selenium - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. Cd, Se, Ag
HN2600834-001: Cadmium - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. Cd, Se, Ag
HN2600834-002: Silver - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. Cd, Se, Ag
HN2600834-002: Cadmium - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. Cd, Se, Ag
HN2600834-002: Selenium - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. Cd, Se, Ag
HN2600834-003: Cadmium - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. Cd, Se, Ag
HN2600834-003: Silver - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. Cd, Se, Ag
HN2600834-003: Selenium - The reporting limit is elevated due to dilution for high concentrations of non-target analytes. Cd, Se, Ag

EPA 7471B-S (Mid)

Run ID: 3842171

The MSD recovery was outside of the control limit. However, the MS recovery and the RPD between the MS and MSD was in control. No qualification is required for this analyte: Hg Batch 2427774
Matrix spike duplicate value was outside upper limit of calibration. Processed at equivalent dilution level as the parent. Hg Batch 2427774
Matrix spike value was outside upper limit of calibration. Processed at equivalent dilution level as the parent. Hg Batch 2427774

Organics

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

Client: The Mannik & Smith Group, Inc. **Work Order:** HN2600834

Project: 18866 Greeley **Date Received:** 17-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.

Run ID: 3833440

QC-2422298-006The MSD recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for the following analyte(s):see qc report
The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification:Chloroethane (Ethyl chloride), Dichlorodifluoromethane (Freon-12), Methyl bromide (Bromomethane), Vinyl chloride (Chloroethene)
QC-2422298-005The MS recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary: tetrachloroethene
QC-2422298-006The RPD between the MS and MSD was outside of the control limit. The corresponding result should be considered estimated for this compound:bromomethane
QC-2422298-005The MS recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for this analyte: see qc report
QC-2422298-006The MSD recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary.tetrachloroethene

Run ID: 3833207

QC-2422019-005The MS recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for this analyte: see qc report
QC-2422019-006The MSD recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary: tetrachloroethene
QC-2422019-006The MSD recovery was below the lower control limit. The corresponding result in the parent sample may be biased low for the following analyte(s):see qc report
The Continuing Calibration Verification did not meet acceptance criteria with low bias. Instrument sensitivity was verified as sufficient through the analysis of a low-level standard. The following non-detects are reported without qualification: Chloroethane (Ethyl chloride), Dichlorodifluoromethane (Freon-12), Methyl bromide (Bromomethane), Trichlorofluoromethane (Fluorotrichloromethane, Freon 11), Vinyl chloride (Chloroethene)
QC-2422019-005The MS recovery was above the upper control limit. The corresponding result in the parent sample was non-detect, therefore no qualification is necessary: tetrachloroethene
QC-2422019-002The 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: tetrachloroethene

EPA 8151A-S

Run ID: 3838451

The RPD between the MS and MSD was outside of the control limit. The corresponding result should be considered estimated for this compound: 2,4-D.

EPA 8270E-FULL HN-3546-S

Run ID: 3835774

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: Atrazine.
The Continuing Calibration Verification did not meet acceptance criteria with high bias, however, the sample results were non-detect for the following analytes: 2,4-Dinitrophenol; 4,6-Dinitro-2-Methylphenol; Benzoic acid; Di-n-octylphthalate.

EPA 8082A-3546-S (High)

Run ID: 3831072

HN2600834-003: One or more surrogate recoveries were below the lower control limits. The sample results may be biased low.

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

EPA 3550C-Moisture

Run ID: 3830353

HN2600834-001: Percent Moisture - The RPD between the sample and its duplicate was out of control. The corresponding sample result should be considered estimated for this analyte.

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: 18866 SB01 (1-2')_20260116			Lab ID: HN2600834-001		
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**
Arsenic	6.31		3.27	mg/kg	EPA 6020B
Barium	70.3		3.27	mg/kg	EPA 6020B
Benzo(a)anthracene	79.9		66.6	µg/kg	EPA 8270E
Benzo(a)pyrene	99.9		66.6	µg/kg	EPA 8270E
Benzo(b)fluoranthene	113		66.6	µg/kg	EPA 8270E
Benzo(g,h,i)perylene	93.3		66.6	µg/kg	EPA 8270E
Benzo(k)fluoranthene	66.6		66.6	µg/kg	EPA 8270E
Chlordane, Technical	249		73.2	µg/kg	EPA 8081B
Chloride	26.4		13.4	mg/kg	EPA 9056A
Chromium	16.1		3.27	mg/kg	EPA 6020B
Copper	13.8		3.27	mg/kg	EPA 6020B
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl) phthalate, DEHP)	340		330	µg/kg	EPA 8270E
Fluoranthene	99.9		66.6	µg/kg	EPA 8270E
Indeno(1,2,3-cd) pyrene	113		66.6	µg/kg	EPA 8270E
Lead	58.5		3.27	mg/kg	EPA 6020B
Mercury	0.0893		0.0204	mg/kg	EPA 7471B
Percent Moisture	18.9		0.1	%	EPA 3550C
Pyrene	93.3		66.6	µg/kg	EPA 8270E
Zinc	126		6.55	mg/kg	EPA 6020B

CLIENT ID: 18866 SB02 (3-4')_20260116			Lab ID: HN2600834-002		
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**
Arsenic	4.72		2.92	mg/kg	EPA 6020B
Barium	62.1		2.92	mg/kg	EPA 6020B
Benzo(a)anthracene	30.1		18.8	µg/kg	EPA 8270E
Benzo(a)pyrene	33.8		18.8	µg/kg	EPA 8270E
Benzo(b)fluoranthene	41.4		18.8	µg/kg	EPA 8270E
Benzo(g,h,i)perylene	28.2		18.8	µg/kg	EPA 8270E
Benzo(k)fluoranthene	20.7		18.8	µg/kg	EPA 8270E
Chloride	15.2		11.4	mg/kg	EPA 9056A
Chromium	11.4		2.92	mg/kg	EPA 6020B
Chrysene	18.8		18.8	µg/kg	EPA 8270E
Copper	8.93		2.92	mg/kg	EPA 6020B
Fluoranthene	41.4		18.8	µg/kg	EPA 8270E
Indeno(1,2,3-cd) pyrene	37.6		18.8	µg/kg	EPA 8270E
Lead	13.2		2.92	mg/kg	EPA 6020B
Mercury	0.0391		0.0200	mg/kg	EPA 7471B
Percent Moisture	11.7		0.1	%	EPA 3550C
Pyrene	39.5		18.8	µg/kg	EPA 8270E
Zinc	33.5		5.84	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: 18866 SB03 (5-6')_20260116			Lab ID: HN2600834-003		
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**
1-Methylnaphthalene	18.9		18.9	µg/kg	EPA 8270E
2-Methylnaphthalene	26.5		18.9	µg/kg	EPA 8270E
Acenaphthene	22.7		18.9	µg/kg	EPA 8270E
Anthracene	53.0		18.9	µg/kg	EPA 8270E
Arsenic	5.30		3.24	mg/kg	EPA 6020B
Barium	49.7		3.24	mg/kg	EPA 6020B
Benzo(a)anthracene	157		18.9	µg/kg	EPA 8270E
Benzo(a)pyrene	157		18.9	µg/kg	EPA 8270E
Benzo(b)fluoranthene	201		18.9	µg/kg	EPA 8270E
Benzo(g,h,i)perylene	116		18.9	µg/kg	EPA 8270E
Benzo(k)fluoranthene	75.8		18.9	µg/kg	EPA 8270E
Chloride	74.1		12.3	mg/kg	EPA 9056A
Chromium	15.3		3.24	mg/kg	EPA 6020B
Chrysene	138		18.9	µg/kg	EPA 8270E
Copper	9.92		3.24	mg/kg	EPA 6020B
Fluoranthene	299		18.9	µg/kg	EPA 8270E
Fluorene	18.9		18.9	µg/kg	EPA 8270E
Indeno(1,2,3-cd) pyrene	106		18.9	µg/kg	EPA 8270E
Lead	11.6		3.24	mg/kg	EPA 6020B
Mercury	0.0427		0.0200	mg/kg	EPA 7471B
Naphthalene	18.9		18.9	µg/kg	EPA 8270E
Percent Moisture	11.9		0.1	%	EPA 3550C
Phenanthrene	157		18.9	µg/kg	EPA 8270E
Pyrene	237		18.9	µg/kg	EPA 8270E
Zinc	36.5		6.48	mg/kg	EPA 6020B

SAMPLE SUMMARY

Client: The Mannik & Smith Group, Inc.
Project: 18866 Greeley
Workorder: HN2600834

Laboratory Sample ID	Client Sample ID	Sample Matrix	Collection Date	Date Received
HN2600834-001	18866 SB01 (1-2')_20260116	SOIL/SOLID	01/16/26 12:55	01/17/26 08:00
HN2600834-002	18866 SB02 (3-4')_20260116	SOIL/SOLID	01/16/26 13:03	01/17/26 08:00
HN2600834-003	18866 SB03 (5-6')_20260116	SOIL/SOLID	01/16/26 13:10	01/17/26 08:00

ALS Environmental

Laboratory location:

Chain of Custody Form

Page ____ of ____

ALS Project Manager: | **Work Order #:**

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	18666 Greeley	A	VOCs (U.S. EPA Method 8260C (or Method 8260))
Work Order		Project Number	DETR0060	B	SVOCs (U.S. EPA Method 8270D (or Method 8270))
Company Name	Mannik Smith Group	Bill To Company	Mannik Smith Group	C	PCBs (U.S. EPA Method 8082)
Send Report To	Ryan Montri and Olivia Mitchell	Invoice Attn.		D	Mi 10 Metals (U.S. EPA 6000/7000 Series Methods)
Address	2365 South Haggerty Road	Address	2365 South Haggerty Road	E	Chorides (U.S. EPA Method 9056A)
				F	Pesticides (U.S. EPA Method 8081B (or Method 8081))
City/State/Zip	Canton, Mi 48188	City/State/Zip	Canton, Mi 48188	G	Herbicides (U.S. EPA Method 8151A (or Method 8151))
Phone	734-397-3100	Phone	734-397-3100	H	
Fax		Fax		I	
e-Mail Address	rmontri@manniksmithgroup.com	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	18666 SB01 (1-2)_2026	1/16/26	1255	Soil	7	3	✓	✓	✓	✓	✓	✓	✓				
2	18666 SB02 (3-4)_2026	1/16/26	1303	Soil	7	3	✓	✓	✓	✓	✓	✓	✓				
3	18666 SB03 (5-6)_2026	1/16/26	1310	Soil	7	3	✓	✓	✓	✓	✓	✓	✓				
4																	
5																	
6																	
7																	
8																	
9																	
10																	

Environmental Division Holland

Work Order Reference

HN2600834

Telephone : +1 616 399 6070

Sampler(s): Please Print & Sign: Eric Haas (MSG) EHaas

Shipment Method:

Required Turnaround Time: ☐ STD 10 Wk Days ☑ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☐ Other ____

Relinquished by: Eric Haas (MSG) EHaas	**Date:** 1/16/26	**Time:** 1515	**Received by:**	1/16 1515
Relinquished by:	**Date:** 1/16	**Time:** 1700	**Received by (Laboratory):**	1/16 1700
Logged by (Laboratory): BS BC	**Date:** 1/17 1/17	**Time:** 05:04 15:20	**Checked by (Laboratory):**	

Notes:

Cooler Temp. 2.1°C 1/17

QC Package: (Check Box Below)

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

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

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

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

https://www.alsglobal.com/ALSGroupUSACorpTC

ALS Holland
3352 128th Ave., Holland MI 49424

ALS Holland Sample Receiving Checklist

Received by:	BC
Date/Time:	1/17/26 08:00
Carrier Name:	GS
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):	2.1°C
Thermometer(s):	IR7
Sample(s) received on ice?	Yes / No
Matrix/Matrices:	Soil
Cooler(s)/Kit(s):	1
Date/Time sample(s) sent to storage:	1/17/26
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 Certifications[1]

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. **Work Order:** HN2600834
Project: 18866 Greeley

Sample Name: 18866 SB01 (1-2')_20260116 **Date Collected:** 01/16/26
Laboratory Code: HN2600834-001 **Date Received:** 01/17/26
Sample Matrix: SOIL/SOLID

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		001-AA	2425158		3833992	Nicole Maleski
EPA 6020B	EPA 3050B	001-AA	2426113	Weston Kotecki	3836793	Hunter Johnson
EPA 7471B	Method	001-AA	2427774	Maxx Richey	3842171	Maxx Richey
EPA 8081B	EPA 3546	001-AA	2421584	Mya Harmer	3833201	Madison VandenBer
EPA 8081B	EPA 3546	001-AA	2421584	Mya Harmer	3842234	Madison VandenBer
EPA 8082A	EPA 3546	001-AA	2421581	Mya Harmer	3831072	Madison VandenBer
EPA 8151A	Method	001-AA	2423622	Willow Julien	3838451	Kathy Malmyga
EPA 8260D	EPA 5035A	001-AB	2422019	Jonathan Vazquez	3833207	John Garvale
EPA 8270E	EPA 3546	001-AA	2422965	Benjamin Farmer	3835774	Taryn Van Wyngarde
EPA 9056A	EPA 9056A	001-AA	2422266	Kelsey Beaudette	3832077	Riley Miller

Sample Name: 18866 SB02 (3-4')_20260116 **Date Collected:** 01/16/26
Laboratory Code: HN2600834-002 **Date Received:** 01/17/26
Sample Matrix: SOIL/SOLID

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		002-AA	2422982		3830353	Nicole Maleski
EPA 6020B	EPA 3050B	002-AA	2426113	Weston Kotecki	3836793	Hunter Johnson
EPA 7471B	Method	002-AA	2427774	Maxx Richey	3842171	Maxx Richey
EPA 8081B	EPA 3546	002-AA	2421584	Mya Harmer	3833201	Madison VandenBer
EPA 8082A	EPA 3546	002-AA	2421581	Mya Harmer	3831072	Madison VandenBer
EPA 8151A	Method	002-AA	2423622	Willow Julien	3838451	Kathy Malmyga
EPA 8260D	EPA 5035A	002-AB	2422019	Jonathan Vazquez	3833207	John Garvale
EPA 8270E	EPA 3546	002-AA	2422965	Benjamin Farmer	3835774	Taryn Van Wyngarde
EPA 9056A	EPA 9056A	002-AA	2422266	Kelsey Beaudette	3832077	Quoc Nguyen

ANALYST SUMMARY

Client: The Mannik & Smith Group, Inc. **Work Order:** HN2600834
Project: 18866 Greeley

Sample Name: 18866 SB03 (5-6')_20260116 **Date Collected:** 01/16/26
Laboratory Code: HN2600834-003 **Date Received:** 01/17/26
Sample Matrix: SOIL/SOLID

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		003-AA	2422982		3830353	Nicole Maleski
EPA 6020B	EPA 3050B	003-AA	2426113	Weston Kotecki	3836793	Hunter Johnson
EPA 7471B	Method	003-AA	2427774	Maxx Richey	3842171	Maxx Richey
EPA 8081B	EPA 3546	003-AA	2421584	Mya Harmer	3833201	Madison VandenBer
EPA 8082A	EPA 3546	003-AA	2421581	Mya Harmer	3831072	Madison VandenBer
EPA 8151A	Method	003-AA	2423622	Willow Julien	3838451	Kathy Malmyga
EPA 8260D	EPA 5035A	003-AB	2422019	Jonathan Vazquez	3833440	John Garvale
EPA 8270E	EPA 3546	003-AA	2422965	Benjamin Farmer	3835774	Taryn Van Wyngarde
EPA 9056A	EPA 9056A	003-AA	2422266	Kelsey Beaudette	3832077	Quoc Nguyen

Analytical Report

Client: The Mannik & Smith Group, Inc.
Project: 18866 Greeley
Matrix: SOIL/SOLID

Work Order: HN2600834
Date Collected: 01/16/26 12:55
Date Received: 01/17/26 08:00

CLIENT ID: 18866 SB01 (1-2')_20260116 **Lab ID: HN2600834-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<2.23	U	µg/kg	12.1	1	01/22/26 20:53	01/20/26 15:08
2,4,5-TP (Silvex)	EPA 8151A	<3.98	U	µg/kg	12.1	1	01/22/26 20:53	01/20/26 15:08
2,4-D	EPA 8151A	<6.48	U	µg/kg	24.3	1	01/22/26 20:53	01/20/26 15:08
Surr: DCAA	*EPA 8151A*	***62.0***		*%REC*	*10-116*	*1*	*01/22/26 20:53*	*01/20/26 15:08*
General Chemistry Parameters								
Percent Moisture	EPA 3550C	**18.9**		%	0.1	1	01/21/26 14:07	NA
Chloride	EPA 9056A	**26.4**		mg/kg	13.4	1	01/20/26 21:15	01/19/26 15:22
Metals								
Arsenic	EPA 6020B	**6.31**		mg/kg	3.27	10	01/22/26 16:56	01/22/26 09:47
Barium	EPA 6020B	**70.3**		mg/kg	3.27	10	01/22/26 16:56	01/22/26 09:47
Cadmium	EPA 6020B	<0.196	U	mg/kg	1.31	10	01/22/26 16:56	01/22/26 09:47
Chromium	EPA 6020B	**16.1**		mg/kg	3.27	10	01/22/26 16:56	01/22/26 09:47
Copper	EPA 6020B	**13.8**		mg/kg	3.27	10	01/22/26 16:56	01/22/26 09:47
Lead	EPA 6020B	**58.5**		mg/kg	3.27	10	01/22/26 16:56	01/22/26 09:47
Selenium	EPA 6020B	<3.01	U	mg/kg	3.27	10	01/22/26 16:56	01/22/26 09:47
Silver	EPA 6020B	<0.432	U	mg/kg	3.27	10	01/22/26 16:56	01/22/26 09:47
Zinc	EPA 6020B	**126**		mg/kg	6.55	10	01/22/26 16:56	01/22/26 09:47
Mercury	EPA 7471B	**0.0893**		mg/kg	0.0204	1	01/26/26 14:06	01/23/26 13:25
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<18.7	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
4,4'-DDE	EPA 8081B	<19.3	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
4,4'-DDT	EPA 8081B	<19.5	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
Aldrin	EPA 8081B	<19.0	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
alpha-BHC	EPA 8081B	<19.3	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
beta-BHC	EPA 8081B	<19.2	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
Chlordane, Technical	EPA 8081B	**249**		µg/kg	73.2	1	01/23/26 23:35	01/19/26 08:04
cis-Chlordane	EPA 8081B	<19.6	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
delta-BHC	EPA 8081B	<19.2	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
Dieldrin	EPA 8081B	<20.5	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 12:55
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB01 (1-2')_20260116 **Lab ID: HN2600834-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<19.7	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
Endosulfan II	EPA 8081B	<19.4	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
Endosulfan sulfate	EPA 8081B	<18.0	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
Endrin	EPA 8081B	<23.7	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
Endrin aldehyde	EPA 8081B	<18.6	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
Endrin ketone	EPA 8081B	<17.8	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
gamma-BHC (Lindane)	EPA 8081B	<19.2	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
Heptachlor	EPA 8081B	<18.9	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
Heptachlor epoxide	EPA 8081B	<19.4	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
Methoxychlor	EPA 8081B	<19.6	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
Toxaphene	EPA 8081B	<31.6	U	µg/kg	176	1	01/21/26 00:33	01/19/26 08:04
trans-Chlordane	EPA 8081B	<19.4	U	µg/kg	29.3	1	01/21/26 00:33	01/19/26 08:04
Surr: Decachlorobiphenyl	*EPA 8081B*	***114***		*%REC*	*53-151*	*1*	*01/21/26 00:33*	*01/19/26 08:04*
Surr: Tetrachloro-m-xylene	*EPA 8081B*	***80.3***		*%REC*	*67-127*	*1*	*01/21/26 00:33*	*01/19/26 08:04*
Polychlorinated Biphenyls (PCBs) by GC/ECD								
Aroclor 1016	EPA 8082A	<66.9	U	µg/kg	195	1	01/20/26 09:34	01/19/26 07:47
Aroclor 1221	EPA 8082A	<66.9	U	µg/kg	195	1	01/20/26 09:34	01/19/26 07:47
Aroclor 1232	EPA 8082A	<66.9	U	µg/kg	195	1	01/20/26 09:34	01/19/26 07:47
Aroclor 1242	EPA 8082A	<66.9	U	µg/kg	195	1	01/20/26 09:34	01/19/26 07:47
Aroclor 1248	EPA 8082A	<66.9	U	µg/kg	195	1	01/20/26 09:34	01/19/26 07:47
Aroclor 1254	EPA 8082A	<54.5	U	µg/kg	195	1	01/20/26 09:34	01/19/26 07:47
Aroclor 1260	EPA 8082A	<54.5	U	µg/kg	195	1	01/20/26 09:34	01/19/26 07:47
Aroclor 1262	EPA 8082A	<54.5	U	µg/kg	195	1	01/20/26 09:34	01/19/26 07:47
Aroclor 1268	EPA 8082A	<54.5	U	µg/kg	195	1	01/20/26 09:34	01/19/26 07:47
Total PCB	EPA 8082A	<54.5	U	µg/kg	195	1	01/20/26 09:34	01/19/26 07:47
Surr: Decachlorobiphenyl	*EPA 8082A*	***124***		*%REC*	*54-146*	*1*	*01/20/26 09:34*	*01/19/26 07:47*
Surr: Tetrachloro-m-xylene	*EPA 8082A*	***103***		*%REC*	*58-140*	*1*	*01/20/26 09:34*	*01/19/26 07:47*
Semivolatile Organic Compounds by GC-MS								
1,1'-Biphenyl (BZ-0)	EPA 8270E	<54.1	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<76.8	U	µg/kg	3330	5	01/22/26 00:13	01/20/26 13:29

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 12:55
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB01 (1-2')_20260116 **Lab ID: HN2600834-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<239	U	µg/kg	1670	5	01/22/26 00:13	01/20/26 13:29
1-Methylnaphthalene	EPA 8270E	<48.0	U	µg/kg	66.6	5	01/22/26 00:13	01/20/26 13:29
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<78.0	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
2,3,4,6-Tetrachlorophenol	EPA 8270E	<244	U	µg/kg	666	5	01/22/26 00:13	01/20/26 13:29
2,4,5-Trichlorophenol	EPA 8270E	<197	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
2,4,6-Trichlorophenol	EPA 8270E	<88.6	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
2,4-Dichlorophenol	EPA 8270E	<179	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
2,4-Dimethylphenol	EPA 8270E	<171	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
2,4-Dinitrophenol	EPA 8270E	<2440	U	µg/kg	3330	5	01/22/26 00:13	01/20/26 13:29
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<216	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<85.0	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
2-Chloronaphthalene	EPA 8270E	<46.6	U	µg/kg	66.6	5	01/22/26 00:13	01/20/26 13:29
2-Chlorophenol	EPA 8270E	<218	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<278	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
2-Methylnaphthalene	EPA 8270E	<33.9	U	µg/kg	66.6	5	01/22/26 00:13	01/20/26 13:29
2-Methylphenol (o-Cresol)	EPA 8270E	<90.0	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
2-Nitroaniline	EPA 8270E	<185	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
2-Nitrophenol	EPA 8270E	<94.9	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
3&4-Methylphenol	EPA 8270E	<182	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
3,3'-Dichlorobenzidine	EPA 8270E	<155	U	µg/kg	1670	5	01/22/26 00:13	01/20/26 13:29
3-Nitroaniline	EPA 8270E	<193	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<182	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
4-Chloro-3-methylphenol	EPA 8270E	<94.9	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
4-Chloroaniline	EPA 8270E	<169	U	µg/kg	666	5	01/22/26 00:13	01/20/26 13:29
4-Chlorophenyl phenylether	EPA 8270E	<92.0	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
4-Nitroaniline	EPA 8270E	<517	U	µg/kg	1670	5	01/22/26 00:13	01/20/26 13:29
4-Nitrophenol	EPA 8270E	<780	U	µg/kg	3330	5	01/22/26 00:13	01/20/26 13:29
Acenaphthene	EPA 8270E	<48.2	U	µg/kg	66.6	5	01/22/26 00:13	01/20/26 13:29

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 12:55
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB01 (1-2')_20260116 **Lab ID: HN2600834-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<57.8	U	µg/kg	66.6	5	01/22/26 00:13	01/20/26 13:29
Acetophenone	EPA 8270E	<52.2	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
Anthracene	EPA 8270E	<47.0	U	µg/kg	66.6	5	01/22/26 00:13	01/20/26 13:29
Atrazine	EPA 8270E	<195	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
Benzaldehyde	EPA 8270E	<512	U	µg/kg	666	5	01/22/26 00:13	01/20/26 13:29
Benzo(a)anthracene	EPA 8270E	**79.9**		µg/kg	66.6	5	01/22/26 00:13	01/20/26 13:29
Benzo(a)pyrene	EPA 8270E	**99.9**		µg/kg	66.6	5	01/22/26 00:13	01/20/26 13:29
Benzo(b)fluoranthene	EPA 8270E	**113**		µg/kg	66.6	5	01/22/26 00:13	01/20/26 13:29
Benzo(g,h,i)perylene	EPA 8270E	**93.3**		µg/kg	66.6	5	01/22/26 00:13	01/20/26 13:29
Benzo(k)fluoranthene	EPA 8270E	**66.6**		µg/kg	66.6	5	01/22/26 00:13	01/20/26 13:29
bis(2-Chloroethoxy) methane	EPA 8270E	<211	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
bis(2-Chloroethyl) ether	EPA 8270E	<94.3	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
Butyl benzyl phthalate	EPA 8270E	<417	U	µg/kg	666	5	01/22/26 00:13	01/20/26 13:29
Caprolactam	EPA 8270E	<301	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
Carbazole	EPA 8270E	<98.1	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
Chrysene	EPA 8270E	<53.9	U	µg/kg	66.6	5	01/22/26 00:13	01/20/26 13:29
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	**340**		µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
Dibenz(a,h) anthracene	EPA 8270E	<36.0	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
Dibenzofuran	EPA 8270E	<49.0	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
Diethyl phthalate	EPA 8270E	<113	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
Dimethyl phthalate	EPA 8270E	<64.9	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
Fluoranthene	EPA 8270E	**99.9**		µg/kg	66.6	5	01/22/26 00:13	01/20/26 13:29
Fluorene	EPA 8270E	<48.4	U	µg/kg	66.6	5	01/22/26 00:13	01/20/26 13:29
Hexachlorobenzene	EPA 8270E	<96.9	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
Hexachlorobutadiene	EPA 8270E	<78.5	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
Hexachlorocyclopentadiene	EPA 8270E	<316	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
Hexachloroethane	EPA 8270E	<138	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
Indeno(1,2,3-cd) pyrene	EPA 8270E	**113**		µg/kg	66.6	5	01/22/26 00:13	01/20/26 13:29
Isophorone	EPA 8270E	<65.0	U	µg/kg	1670	5	01/22/26 00:13	01/20/26 13:29
Methylphenol, Total	EPA 8270E	<90.0	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 12:55
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB01 (1-2')_20260116 **Lab ID: HN2600834-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<42.6	U	µg/kg	66.6	5	01/22/26 00:13	01/20/26 13:29
Nitrobenzene	EPA 8270E	<112	U	µg/kg	1670	5	01/22/26 00:13	01/20/26 13:29
n-Nitrosodi-n-propylamine	EPA 8270E	<55.0	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
N-Nitrosodiphenylamine	EPA 8270E	<193	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
Pentachlorophenol	EPA 8270E	<265	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
Phenanthrene	EPA 8270E	<31.0	U	µg/kg	66.6	5	01/22/26 00:13	01/20/26 13:29
Phenol	EPA 8270E	<167	U	µg/kg	330	5	01/22/26 00:13	01/20/26 13:29
Pyrene	EPA 8270E	**93.3**		µg/kg	66.6	5	01/22/26 00:13	01/20/26 13:29
Pyridine	EPA 8270E	<656	U	µg/kg	1670	5	01/22/26 00:13	01/20/26 13:29
Surr: 2,4,6-Tribromophenol	*EPA 8270E*	***70.0***		*%REC*	*48-94*	*5*	*01/22/26 00:13*	*01/20/26 13:29*
Surr: 2-Fluorobiphenyl	*EPA 8270E*	***68.4***		*%REC*	*50-103*	*5*	*01/22/26 00:13*	*01/20/26 13:29*
Surr: 2-Fluorophenol	*EPA 8270E*	***63.7***		*%REC*	*43-105*	*5*	*01/22/26 00:13*	*01/20/26 13:29*
Surr: 4-Terphenyl-d14	*EPA 8270E*	***75.4***		*%REC*	*55-111*	*5*	*01/22/26 00:13*	*01/20/26 13:29*
Surr: Nitrobenzene-d5	*EPA 8270E*	***73.4***		*%REC*	*47-100*	*5*	*01/22/26 00:13*	*01/20/26 13:29*
Surr: Phenol-d6	*EPA 8270E*	***59.9***		*%REC*	*49-110*	*5*	*01/22/26 00:13*	*01/20/26 13:29*
Volatile Organic Compounds by GC-MS								
1,1,1-Trichloroethane	EPA 8260D	<21.6	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
1,1,2,2-Tetrachloroethane	EPA 8260D	<21.0	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<30.1	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
1,1,2-Trichloroethane	EPA 8260D	<20.2	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
1,1-Dichloroethane	EPA 8260D	<17.4	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
1,1-Dichloroethylene	EPA 8260D	<15.4	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
1,2,3-Trichlorobenzene	EPA 8260D	<57.1	U	µg/kg	159	1	01/20/26 21:31	01/19/26 12:25
1,2,3-Trichloropropane	EPA 8260D	<19.9	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
1,2,4-Trichlorobenzene	EPA 8260D	<53.9	U	µg/kg	159	1	01/20/26 21:31	01/19/26 12:25
1,2,4-Trimethylbenzene	EPA 8260D	<34.9	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<43.8	U	µg/kg	159	1	01/20/26 21:31	01/19/26 12:25
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<28.0	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<18.1	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 12:55
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB01 (1-2')_20260116 **Lab ID: HN2600834-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<28.0	U	µg/kg	159	1	01/20/26 21:31	01/19/26 12:25
1,2-Dichloropropane	EPA 8260D	<35.1	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
1,3,5-Trimethylbenzene	EPA 8260D	<33.6	U	µg/kg	159	1	01/20/26 21:31	01/19/26 12:25
1,3-Dichlorobenzene (m-Dichlorobenzene)	EPA 8260D	<32.9	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
1,3-Dichloropropene	EPA 8260D	<26.6	U	µg/kg	95.2	1	01/20/26 21:31	01/19/26 12:25
1,4-Dichlorobenzene (p-Dichlorobenzene)	EPA 8260D	<38.7	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<113	U	µg/kg	317	1	01/20/26 21:31	01/19/26 12:25
2-Hexanone	EPA 8260D	<23.6	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<44.4	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Acetone	EPA 8260D	<141	U	µg/kg	159	1	01/20/26 21:31	01/19/26 12:25
Benzene	EPA 8260D	<23.0	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Bromochloromethane	EPA 8260D	<24.2	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Bromodichloromethane	EPA 8260D	<26.7	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Bromoform	EPA 8260D	<20.0	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Carbon disulfide	EPA 8260D	<24.6	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Carbon tetrachloride	EPA 8260D	<18.6	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Chlorobenzene	EPA 8260D	<15.8	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Chlorodibromomethane	EPA 8260D	<26.7	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Chloroethane (Ethyl chloride)	EPA 8260D	<133	U	µg/kg	159	1	01/20/26 21:31	01/19/26 12:25
Chloroform	EPA 8260D	<17.4	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
cis-1,2-Dichloroethylene	EPA 8260D	<30.6	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
cis-1,3-Dichloropropene	EPA 8260D	<35.9	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Cyclohexane	EPA 8260D	<36.4	U	µg/kg	159	1	01/20/26 21:31	01/19/26 12:25
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<57.6	U	µg/kg	159	1	01/20/26 21:31	01/19/26 12:25
Ethylbenzene	EPA 8260D	<33.8	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Isopropylbenzene	EPA 8260D	<30.1	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
m+p-Xylene	EPA 8260D	<63.5	U	µg/kg	95.2	1	01/20/26 21:31	01/19/26 12:25
Methyl acetate	EPA 8260D	<57.0	U	µg/kg	397	1	01/20/26 21:31	01/19/26 12:25
Methyl bromide (Bromomethane)	EPA 8260D	<91.0	U	µg/kg	159	1	01/20/26 21:31	01/19/26 12:25

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 12:55
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB01 (1-2')_20260116 **Lab ID: HN2600834-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<130	U	µg/kg	159	1	01/20/26 21:31	01/19/26 12:25
Methyl tert-butyl ether (MTBE)	EPA 8260D	<34.7	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Methylcyclohexane	EPA 8260D	<18.1	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Methylene chloride (Dichloromethane)	EPA 8260D	<126	U	µg/kg	397	1	01/20/26 21:31	01/19/26 12:25
o-Xylene	EPA 8260D	<18.4	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Styrene	EPA 8260D	<18.9	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<28.7	SU	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Toluene	EPA 8260D	<39.2	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Total Xylene	EPA 8260D	<18.4	U	µg/kg	143	1	01/20/26 21:31	01/19/26 12:25
trans-1,2-Dichloroethylene	EPA 8260D	<39.3	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
trans-1,3-Dichloropropylene	EPA 8260D	<26.6	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Trichloroethene (Trichloroethylene)	EPA 8260D	<21.3	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<24.3	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Vinyl chloride (Chloroethene)	EPA 8260D	<31.6	U	µg/kg	47.6	1	01/20/26 21:31	01/19/26 12:25
Surr: 1,2-Dichloroethane-d4	*EPA 8260D*	***103***		*%REC*	*80-120*	*1*	*01/20/26 21:31*	*01/19/26 12:25*
Surr: 4-Bromofluorobenzene	*EPA 8260D*	***104***		*%REC*	*80-120*	*1*	*01/20/26 21:31*	*01/19/26 12:25*
Surr: Dibromofluoromethane	*EPA 8260D*	***97.8***		*%REC*	*72-120*	*1*	*01/20/26 21:31*	*01/19/26 12:25*
Surr: Toluene-d8	*EPA 8260D*	***98.6***		*%REC*	*80-120*	*1*	*01/20/26 21:31*	*01/19/26 12:25*

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 13:03
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB02 (3-4')_20260116 **Lab ID: HN2600834-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<3.27	U	µg/kg	17.8	1	01/22/26 21:08	01/20/26 15:08
2,4,5-TP (Silvex)	EPA 8151A	<5.84	U	µg/kg	17.8	1	01/22/26 21:08	01/20/26 15:08
2,4-D	EPA 8151A	<9.50	U	µg/kg	35.6	1	01/22/26 21:08	01/20/26 15:08
Surr: DCAA	*EPA 8151A*	***58.0***		*%REC*	*10-116*	*1*	*01/22/26 21:08*	*01/20/26 15:08*
General Chemistry Parameters								
Percent Moisture	EPA 3550C	**11.7**		%	0.1	1	01/20/26 13:16	NA
Chloride	EPA 9056A	**15.2**		mg/kg	11.4	1	01/20/26 21:23	01/19/26 15:22
Metals								
Arsenic	EPA 6020B	**4.72**		mg/kg	2.92	10	01/22/26 16:57	01/22/26 09:47
Barium	EPA 6020B	**62.1**		mg/kg	2.92	10	01/22/26 16:57	01/22/26 09:47
Cadmium	EPA 6020B	<0.175	U	mg/kg	1.17	10	01/22/26 16:57	01/22/26 09:47
Chromium	EPA 6020B	**11.4**		mg/kg	2.92	10	01/22/26 16:57	01/22/26 09:47
Copper	EPA 6020B	**8.93**		mg/kg	2.92	10	01/22/26 16:57	01/22/26 09:47
Lead	EPA 6020B	**13.2**		mg/kg	2.92	10	01/22/26 16:57	01/22/26 09:47
Selenium	EPA 6020B	<2.69	U	mg/kg	2.92	10	01/22/26 16:57	01/22/26 09:47
Silver	EPA 6020B	<0.386	U	mg/kg	2.92	10	01/22/26 16:57	01/22/26 09:47
Zinc	EPA 6020B	**33.5**		mg/kg	5.84	10	01/22/26 16:57	01/22/26 09:47
Mercury	EPA 7471B	**0.0391**		mg/kg	0.0200	1	01/26/26 14:08	01/23/26 13:25
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<17.3	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
4,4'-DDE	EPA 8081B	<17.9	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
4,4'-DDT	EPA 8081B	<18.0	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
Aldrin	EPA 8081B	<17.6	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
alpha-BHC	EPA 8081B	<17.9	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
beta-BHC	EPA 8081B	<17.8	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
Chlordane, Technical	EPA 8081B	<26.9	U	µg/kg	67.8	1	01/21/26 00:48	01/19/26 08:04
cis-Chlordane	EPA 8081B	<18.1	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
delta-BHC	EPA 8081B	<17.8	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
Dieldrin	EPA 8081B	<19.0	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 13:03
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB02 (3-4')_20260116 **Lab ID: HN2600834-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<18.2	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
Endosulfan II	EPA 8081B	<18.0	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
Endosulfan sulfate	EPA 8081B	<16.7	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
Endrin	EPA 8081B	<21.9	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
Endrin aldehyde	EPA 8081B	<17.2	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
Endrin ketone	EPA 8081B	<16.5	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
gamma-BHC (Lindane)	EPA 8081B	<17.8	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
Heptachlor	EPA 8081B	<17.5	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
Heptachlor epoxide	EPA 8081B	<17.9	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
Methoxychlor	EPA 8081B	<18.1	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
Toxaphene	EPA 8081B	<29.3	U	µg/kg	163	1	01/21/26 00:48	01/19/26 08:04
trans-Chlordane	EPA 8081B	<18.0	U	µg/kg	27.1	1	01/21/26 00:48	01/19/26 08:04
Surr: Decachlorobiphenyl	*EPA 8081B*	***107***		*%REC*	*53-151*	*1*	*01/21/26 00:48*	*01/19/26 08:04*
Surr: Tetrachloro-m-xylene	*EPA 8081B*	***79.4***		*%REC*	*67-127*	*1*	*01/21/26 00:48*	*01/19/26 08:04*
Polychlorinated Biphenyls (PCBs) by GC/ECD								
Aroclor 1016	EPA 8082A	<62.0	U	µg/kg	181	1	01/20/26 09:45	01/19/26 07:47
Aroclor 1221	EPA 8082A	<62.0	U	µg/kg	181	1	01/20/26 09:45	01/19/26 07:47
Aroclor 1232	EPA 8082A	<62.0	U	µg/kg	181	1	01/20/26 09:45	01/19/26 07:47
Aroclor 1242	EPA 8082A	<62.0	U	µg/kg	181	1	01/20/26 09:45	01/19/26 07:47
Aroclor 1248	EPA 8082A	<62.0	U	µg/kg	181	1	01/20/26 09:45	01/19/26 07:47
Aroclor 1254	EPA 8082A	<50.5	U	µg/kg	181	1	01/20/26 09:45	01/19/26 07:47
Aroclor 1260	EPA 8082A	<50.5	U	µg/kg	181	1	01/20/26 09:45	01/19/26 07:47
Aroclor 1262	EPA 8082A	<50.5	U	µg/kg	181	1	01/20/26 09:45	01/19/26 07:47
Aroclor 1268	EPA 8082A	<50.5	U	µg/kg	181	1	01/20/26 09:45	01/19/26 07:47
Total PCB	EPA 8082A	<50.5	U	µg/kg	181	1	01/20/26 09:45	01/19/26 07:47
Surr: Decachlorobiphenyl	*EPA 8082A*	***121***		*%REC*	*54-146*	*1*	*01/20/26 09:45*	*01/19/26 07:47*
Surr: Tetrachloro-m-xylene	*EPA 8082A*	***102***		*%REC*	*58-140*	*1*	*01/20/26 09:45*	*01/19/26 07:47*
Semivolatile Organic Compounds by GC-MS								
1,1'-Biphenyl (BZ-0)	EPA 8270E	<15.3	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<21.7	U	µg/kg	939	1	01/21/26 21:47	01/20/26 13:29

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 13:03
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB02 (3-4')_20260116 **Lab ID: HN2600834-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<67.4	U	µg/kg	470	1	01/21/26 21:47	01/20/26 13:29
1-Methylnaphthalene	EPA 8270E	<13.5	U	µg/kg	18.8	1	01/21/26 21:47	01/20/26 13:29
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<22.0	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
2,3,4,6-Tetrachlorophenol	EPA 8270E	<68.9	U	µg/kg	188	1	01/21/26 21:47	01/20/26 13:29
2,4,5-Trichlorophenol	EPA 8270E	<55.7	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
2,4,6-Trichlorophenol	EPA 8270E	<25.0	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
2,4-Dichlorophenol	EPA 8270E	<50.6	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
2,4-Dimethylphenol	EPA 8270E	<48.3	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
2,4-Dinitrophenol	EPA 8270E	<687	U	µg/kg	939	1	01/21/26 21:47	01/20/26 13:29
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<61.1	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<24.0	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
2-Chloronaphthalene	EPA 8270E	<13.1	U	µg/kg	18.8	1	01/21/26 21:47	01/20/26 13:29
2-Chlorophenol	EPA 8270E	<61.5	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<78.5	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
2-Methylnaphthalene	EPA 8270E	<9.56	U	µg/kg	18.8	1	01/21/26 21:47	01/20/26 13:29
2-Methylphenol (o-Cresol)	EPA 8270E	<25.4	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
2-Nitroaniline	EPA 8270E	<52.2	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
2-Nitrophenol	EPA 8270E	<26.8	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
3&4-Methylphenol	EPA 8270E	<51.2	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
3,3'-Dichlorobenzidine	EPA 8270E	<43.9	U	µg/kg	470	1	01/21/26 21:47	01/20/26 13:29
3-Nitroaniline	EPA 8270E	<54.6	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<51.5	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
4-Chloro-3-methylphenol	EPA 8270E	<26.8	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
4-Chloroaniline	EPA 8270E	<47.8	U	µg/kg	188	1	01/21/26 21:47	01/20/26 13:29
4-Chlorophenyl phenylether	EPA 8270E	<26.0	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
4-Nitroaniline	EPA 8270E	<146	U	µg/kg	470	1	01/21/26 21:47	01/20/26 13:29
4-Nitrophenol	EPA 8270E	<220	U	µg/kg	939	1	01/21/26 21:47	01/20/26 13:29
Acenaphthene	EPA 8270E	<13.6	U	µg/kg	18.8	1	01/21/26 21:47	01/20/26 13:29

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 13:03
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB02 (3-4')_20260116 **Lab ID: HN2600834-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<16.3	U	µg/kg	18.8	1	01/21/26 21:47	01/20/26 13:29
Acetophenone	EPA 8270E	<14.7	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
Anthracene	EPA 8270E	<13.3	U	µg/kg	18.8	1	01/21/26 21:47	01/20/26 13:29
Atrazine	EPA 8270E	<55.1	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
Benzaldehyde	EPA 8270E	<144	U	µg/kg	188	1	01/21/26 21:47	01/20/26 13:29
Benzo(a)anthracene	EPA 8270E	**30.1**		µg/kg	18.8	1	01/21/26 21:47	01/20/26 13:29
Benzo(a)pyrene	EPA 8270E	**33.8**		µg/kg	18.8	1	01/21/26 21:47	01/20/26 13:29
Benzo(b)fluoranthene	EPA 8270E	**41.4**		µg/kg	18.8	1	01/21/26 21:47	01/20/26 13:29
Benzo(g,h,i)perylene	EPA 8270E	**28.2**		µg/kg	18.8	1	01/21/26 21:47	01/20/26 13:29
Benzo(k)fluoranthene	EPA 8270E	**20.7**		µg/kg	18.8	1	01/21/26 21:47	01/20/26 13:29
bis(2-Chloroethoxy) methane	EPA 8270E	<59.5	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
bis(2-Chloroethyl) ether	EPA 8270E	<26.6	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
Butyl benzyl phthalate	EPA 8270E	<118	U	µg/kg	188	1	01/21/26 21:47	01/20/26 13:29
Caprolactam	EPA 8270E	<84.8	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
Carbazole	EPA 8270E	<27.7	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
Chrysene	EPA 8270E	**18.8**		µg/kg	18.8	1	01/21/26 21:47	01/20/26 13:29
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	<77.8	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
Dibenz(a,h) anthracene	EPA 8270E	<10.2	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
Dibenzofuran	EPA 8270E	<13.8	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
Diethyl phthalate	EPA 8270E	<32.0	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
Dimethyl phthalate	EPA 8270E	<18.3	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
Fluoranthene	EPA 8270E	**41.4**		µg/kg	18.8	1	01/21/26 21:47	01/20/26 13:29
Fluorene	EPA 8270E	<13.7	U	µg/kg	18.8	1	01/21/26 21:47	01/20/26 13:29
Hexachlorobenzene	EPA 8270E	<27.4	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
Hexachlorobutadiene	EPA 8270E	<22.1	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
Hexachlorocyclopentadiene	EPA 8270E	<89.1	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
Hexachloroethane	EPA 8270E	<38.9	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
Indeno(1,2,3-cd) pyrene	EPA 8270E	**37.6**		µg/kg	18.8	1	01/21/26 21:47	01/20/26 13:29
Isophorone	EPA 8270E	<18.4	U	µg/kg	470	1	01/21/26 21:47	01/20/26 13:29
Methylphenol, Total	EPA 8270E	<25.4	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 13:03
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB02 (3-4')_20260116 **Lab ID: HN2600834-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<12.0	U	µg/kg	18.8	1	01/21/26 21:47	01/20/26 13:29
Nitrobenzene	EPA 8270E	<31.6	U	µg/kg	470	1	01/21/26 21:47	01/20/26 13:29
n-Nitrosodi-n-propylamine	EPA 8270E	<15.5	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
N-Nitrosodiphenylamine	EPA 8270E	<54.4	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
Pentachlorophenol	EPA 8270E	<74.7	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
Phenanthrene	EPA 8270E	<8.74	U	µg/kg	18.8	1	01/21/26 21:47	01/20/26 13:29
Phenol	EPA 8270E	<47.2	U	µg/kg	93.1	1	01/21/26 21:47	01/20/26 13:29
Pyrene	EPA 8270E	**39.5**		µg/kg	18.8	1	01/21/26 21:47	01/20/26 13:29
Pyridine	EPA 8270E	<185	U	µg/kg	470	1	01/21/26 21:47	01/20/26 13:29
Surr: 2,4,6-Tribromophenol	*EPA 8270E*	***75.0***		*%REC*	*48-94*	*1*	*01/21/26 21:47*	*01/20/26 13:29*
Surr: 2-Fluorobiphenyl	*EPA 8270E*	***78.8***		*%REC*	*50-103*	*1*	*01/21/26 21:47*	*01/20/26 13:29*
Surr: 2-Fluorophenol	*EPA 8270E*	***78.6***		*%REC*	*43-105*	*1*	*01/21/26 21:47*	*01/20/26 13:29*
Surr: 4-Terphenyl-d14	*EPA 8270E*	***81.2***		*%REC*	*55-111*	*1*	*01/21/26 21:47*	*01/20/26 13:29*
Surr: Nitrobenzene-d5	*EPA 8270E*	***92.2***		*%REC*	*47-100*	*1*	*01/21/26 21:47*	*01/20/26 13:29*
Surr: Phenol-d6	*EPA 8270E*	***79.7***		*%REC*	*49-110*	*1*	*01/21/26 21:47*	*01/20/26 13:29*
Volatile Organic Compounds by GC-MS								
1,1,1-Trichloroethane	EPA 8260D	<16.6	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
1,1,2,2-Tetrachloroethane	EPA 8260D	<16.1	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<23.2	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
1,1,2-Trichloroethane	EPA 8260D	<15.5	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
1,1-Dichloroethane	EPA 8260D	<13.3	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
1,1-Dichloroethylene	EPA 8260D	<11.9	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
1,2,3-Trichlorobenzene	EPA 8260D	<43.9	U	µg/kg	122	1	01/20/26 21:51	01/19/26 12:25
1,2,3-Trichloropropane	EPA 8260D	<15.3	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
1,2,4-Trichlorobenzene	EPA 8260D	<41.5	U	µg/kg	122	1	01/20/26 21:51	01/19/26 12:25
1,2,4-Trimethylbenzene	EPA 8260D	<26.8	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<33.7	U	µg/kg	122	1	01/20/26 21:51	01/19/26 12:25
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<21.5	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<13.9	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 13:03
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB02 (3-4')_20260116 **Lab ID: HN2600834-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<21.5	U	µg/kg	122	1	01/20/26 21:51	01/19/26 12:25
1,2-Dichloropropane	EPA 8260D	<27.0	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
1,3,5-Trimethylbenzene	EPA 8260D	<25.8	U	µg/kg	122	1	01/20/26 21:51	01/19/26 12:25
1,3-Dichlorobenzene (m-Dichlorobenzene)	EPA 8260D	<25.3	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
1,3-Dichloropropene	EPA 8260D	<20.4	U	µg/kg	73.2	1	01/20/26 21:51	01/19/26 12:25
1,4-Dichlorobenzene (p-Dichlorobenzene)	EPA 8260D	<29.7	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<87.1	U	µg/kg	244	1	01/20/26 21:51	01/19/26 12:25
2-Hexanone	EPA 8260D	<18.1	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<34.1	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Acetone	EPA 8260D	<109	U	µg/kg	122	1	01/20/26 21:51	01/19/26 12:25
Benzene	EPA 8260D	<17.7	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Bromochloromethane	EPA 8260D	<18.6	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Bromodichloromethane	EPA 8260D	<20.5	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Bromoform	EPA 8260D	<15.4	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Carbon disulfide	EPA 8260D	<18.9	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Carbon tetrachloride	EPA 8260D	<14.3	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Chlorobenzene	EPA 8260D	<12.1	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Chlorodibromomethane	EPA 8260D	<20.5	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Chloroethane (Ethyl chloride)	EPA 8260D	<102	U	µg/kg	122	1	01/20/26 21:51	01/19/26 12:25
Chloroform	EPA 8260D	<13.4	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
cis-1,2-Dichloroethylene	EPA 8260D	<23.5	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
cis-1,3-Dichloropropene	EPA 8260D	<27.6	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Cyclohexane	EPA 8260D	<28.0	U	µg/kg	122	1	01/20/26 21:51	01/19/26 12:25
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<44.3	U	µg/kg	122	1	01/20/26 21:51	01/19/26 12:25
Ethylbenzene	EPA 8260D	<25.9	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Isopropylbenzene	EPA 8260D	<23.1	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
m+p-Xylene	EPA 8260D	<48.8	U	µg/kg	73.2	1	01/20/26 21:51	01/19/26 12:25
Methyl acetate	EPA 8260D	<43.8	U	µg/kg	305	1	01/20/26 21:51	01/19/26 12:25
Methyl bromide (Bromomethane)	EPA 8260D	<70.0	U	µg/kg	122	1	01/20/26 21:51	01/19/26 12:25

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 13:03
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB02 (3-4')_20260116 **Lab ID: HN2600834-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<100.0	U	µg/kg	122	1	01/20/26 21:51	01/19/26 12:25
Methyl tert-butyl ether (MTBE)	EPA 8260D	<26.7	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Methylcyclohexane	EPA 8260D	<13.9	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Methylene chloride (Dichloromethane)	EPA 8260D	<97.1	U	µg/kg	305	1	01/20/26 21:51	01/19/26 12:25
o-Xylene	EPA 8260D	<14.1	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Styrene	EPA 8260D	<14.5	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<22.0	SU	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Toluene	EPA 8260D	<30.2	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Total Xylene	EPA 8260D	<14.1	U	µg/kg	110	1	01/20/26 21:51	01/19/26 12:25
trans-1,2-Dichloroethylene	EPA 8260D	<30.2	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
trans-1,3-Dichloropropylene	EPA 8260D	<20.4	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Trichloroethene (Trichloroethylene)	EPA 8260D	<16.4	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<18.7	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Vinyl chloride (Chloroethene)	EPA 8260D	<24.3	U	µg/kg	36.6	1	01/20/26 21:51	01/19/26 12:25
Surr: 1,2-Dichloroethane-d4	*EPA 8260D*	***100.0***		*%REC*	*80-120*	*1*	*01/20/26 21:51*	*01/19/26 12:25*
Surr: 4-Bromofluorobenzene	*EPA 8260D*	***103***		*%REC*	*80-120*	*1*	*01/20/26 21:51*	*01/19/26 12:25*
Surr: Dibromofluoromethane	*EPA 8260D*	***97.7***		*%REC*	*72-120*	*1*	*01/20/26 21:51*	*01/19/26 12:25*
Surr: Toluene-d8	*EPA 8260D*	***96.4***		*%REC*	*80-120*	*1*	*01/20/26 21:51*	*01/19/26 12:25*

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 13:10
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB03 (5-6')_20260116 **Lab ID: HN2600834-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<2.60	U	µg/kg	14.1	1	01/22/26 21:24	01/20/26 15:08
2,4,5-TP (Silvex)	EPA 8151A	<4.64	U	µg/kg	14.1	1	01/22/26 21:24	01/20/26 15:08
2,4-D	EPA 8151A	<7.55	U	µg/kg	28.3	1	01/22/26 21:24	01/20/26 15:08
Surr: DCAA	*EPA 8151A*	***62.0***		*%REC*	*10-116*	*1*	*01/22/26 21:24*	*01/20/26 15:08*
General Chemistry Parameters								
Percent Moisture	EPA 3550C	**11.9**		%	0.1	1	01/20/26 13:16	NA
Chloride	EPA 9056A	**74.1**		mg/kg	12.3	1	01/20/26 21:31	01/19/26 15:22
Metals								
Arsenic	EPA 6020B	**5.30**		mg/kg	3.24	10	01/22/26 16:59	01/22/26 09:47
Barium	EPA 6020B	**49.7**		mg/kg	3.24	10	01/22/26 16:59	01/22/26 09:47
Cadmium	EPA 6020B	<0.194	U	mg/kg	1.30	10	01/22/26 16:59	01/22/26 09:47
Chromium	EPA 6020B	**15.3**		mg/kg	3.24	10	01/22/26 16:59	01/22/26 09:47
Copper	EPA 6020B	**9.92**		mg/kg	3.24	10	01/22/26 16:59	01/22/26 09:47
Lead	EPA 6020B	**11.6**		mg/kg	3.24	10	01/22/26 16:59	01/22/26 09:47
Selenium	EPA 6020B	<2.98	U	mg/kg	3.24	10	01/22/26 16:59	01/22/26 09:47
Silver	EPA 6020B	<0.427	U	mg/kg	3.24	10	01/22/26 16:59	01/22/26 09:47
Zinc	EPA 6020B	**36.5**		mg/kg	6.48	10	01/22/26 16:59	01/22/26 09:47
Mercury	EPA 7471B	**0.0427**		mg/kg	0.0200	1	01/26/26 14:09	01/23/26 13:25
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<16.8	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
4,4'-DDE	EPA 8081B	<17.3	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
4,4'-DDT	EPA 8081B	<17.5	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
Aldrin	EPA 8081B	<17.1	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
alpha-BHC	EPA 8081B	<17.3	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
beta-BHC	EPA 8081B	<17.3	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
Chlordane, Technical	EPA 8081B	<26.1	U	µg/kg	65.8	1	01/21/26 01:02	01/19/26 08:04
cis-Chlordane	EPA 8081B	<17.6	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
delta-BHC	EPA 8081B	<17.2	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
Dieldrin	EPA 8081B	<18.4	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04

Client: The Mannik & Smith Group, Inc. **Work Order:** HN2600834
Project: 18866 Greeley **Date Collected:** 01/16/26 13:10
Matrix: SOIL/SOLID **Date Received:** 01/17/26 08:00

CLIENT ID: 18866 SB03 (5-6')_20260116 **Lab ID: HN2600834-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<17.7	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
Endosulfan II	EPA 8081B	<17.4	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
Endosulfan sulfate	EPA 8081B	<16.2	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
Endrin	EPA 8081B	<21.3	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
Endrin aldehyde	EPA 8081B	<16.7	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
Endrin ketone	EPA 8081B	<16.0	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
gamma-BHC (Lindane)	EPA 8081B	<17.3	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
Heptachlor	EPA 8081B	<17.0	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
Heptachlor epoxide	EPA 8081B	<17.4	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
Methoxychlor	EPA 8081B	<17.6	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
Toxaphene	EPA 8081B	<28.4	U	µg/kg	158	1	01/21/26 01:02	01/19/26 08:04
trans-Chlordane	EPA 8081B	<17.5	U	µg/kg	26.3	1	01/21/26 01:02	01/19/26 08:04
Surr: Decachlorobiphenyl	*EPA 8081B*	***102***		*%REC*	*53-151*	*1*	*01/21/26 01:02*	*01/19/26 08:04*
Surr: Tetrachloro-m-xylene	*EPA 8081B*	***73.1***		*%REC*	*67-127*	*1*	*01/21/26 01:02*	*01/19/26 08:04*
Polychlorinated Biphenyls (PCBs) by GC/ECD								
Aroclor 1016	EPA 8082A	<60.1	U	µg/kg	175	1	01/20/26 09:57	01/19/26 07:47
Aroclor 1221	EPA 8082A	<60.1	U	µg/kg	175	1	01/20/26 09:57	01/19/26 07:47
Aroclor 1232	EPA 8082A	<60.1	U	µg/kg	175	1	01/20/26 09:57	01/19/26 07:47
Aroclor 1242	EPA 8082A	<60.1	U	µg/kg	175	1	01/20/26 09:57	01/19/26 07:47
Aroclor 1248	EPA 8082A	<60.1	U	µg/kg	175	1	01/20/26 09:57	01/19/26 07:47
Aroclor 1254	EPA 8082A	<49.0	U	µg/kg	175	1	01/20/26 09:57	01/19/26 07:47
Aroclor 1260	EPA 8082A	<49.0	U	µg/kg	175	1	01/20/26 09:57	01/19/26 07:47
Aroclor 1262	EPA 8082A	<49.0	U	µg/kg	175	1	01/20/26 09:57	01/19/26 07:47
Aroclor 1268	EPA 8082A	<49.0	U	µg/kg	175	1	01/20/26 09:57	01/19/26 07:47
Total PCB	EPA 8082A	<49.0	U	µg/kg	175	1	01/20/26 09:57	01/19/26 07:47
Surr: Decachlorobiphenyl	*EPA 8082A*	***64.0***		*%REC*	*54-146*	*1*	*01/20/26 09:57*	*01/19/26 07:47*
Surr: Tetrachloro-m-xylene	*EPA 8082A*	***49.1***	*S*	*%REC*	*58-140*	*1*	*01/20/26 09:57*	*01/19/26 07:47*
Semivolatile Organic Compounds by GC-MS								
1,1'-Biphenyl (BZ-0)	EPA 8270E	<15.4	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<21.8	U	µg/kg	946	1	01/21/26 22:08	01/20/26 13:29

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 13:10
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB03 (5-6')_20260116 **Lab ID: HN2600834-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<67.9	U	µg/kg	474	1	01/21/26 22:08	01/20/26 13:29
1-Methylnaphthalene	EPA 8270E	**18.9**		µg/kg	18.9	1	01/21/26 22:08	01/20/26 13:29
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<22.2	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
2,3,4,6-Tetrachlorophenol	EPA 8270E	<69.4	U	µg/kg	189	1	01/21/26 22:08	01/20/26 13:29
2,4,5-Trichlorophenol	EPA 8270E	<56.1	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
2,4,6-Trichlorophenol	EPA 8270E	<25.2	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
2,4-Dichlorophenol	EPA 8270E	<51.0	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
2,4-Dimethylphenol	EPA 8270E	<48.7	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
2,4-Dinitrophenol	EPA 8270E	<692	U	µg/kg	946	1	01/21/26 22:08	01/20/26 13:29
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<61.5	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<24.2	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
2-Chloronaphthalene	EPA 8270E	<13.2	U	µg/kg	18.9	1	01/21/26 22:08	01/20/26 13:29
2-Chlorophenol	EPA 8270E	<62.0	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<79.1	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
2-Methylnaphthalene	EPA 8270E	**26.5**		µg/kg	18.9	1	01/21/26 22:08	01/20/26 13:29
2-Methylphenol (o-Cresol)	EPA 8270E	<25.6	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
2-Nitroaniline	EPA 8270E	<52.6	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
2-Nitrophenol	EPA 8270E	<27.0	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
3&4-Methylphenol	EPA 8270E	<51.6	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
3,3'-Dichlorobenzidine	EPA 8270E	<44.2	U	µg/kg	474	1	01/21/26 22:08	01/20/26 13:29
3-Nitroaniline	EPA 8270E	<55.0	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<51.9	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
4-Chloro-3-methylphenol	EPA 8270E	<27.0	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
4-Chloroaniline	EPA 8270E	<48.1	U	µg/kg	189	1	01/21/26 22:08	01/20/26 13:29
4-Chlorophenyl phenylether	EPA 8270E	<26.2	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
4-Nitroaniline	EPA 8270E	<147	U	µg/kg	474	1	01/21/26 22:08	01/20/26 13:29
4-Nitrophenol	EPA 8270E	<222	U	µg/kg	946	1	01/21/26 22:08	01/20/26 13:29
Acenaphthene	EPA 8270E	**22.7**		µg/kg	18.9	1	01/21/26 22:08	01/20/26 13:29

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 13:10
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB03 (5-6')_20260116 **Lab ID: HN2600834-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<16.4	U	µg/kg	18.9	1	01/21/26 22:08	01/20/26 13:29
Acetophenone	EPA 8270E	<14.8	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
Anthracene	EPA 8270E	**53.0**		µg/kg	18.9	1	01/21/26 22:08	01/20/26 13:29
Atrazine	EPA 8270E	<55.5	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
Benzaldehyde	EPA 8270E	<145	U	µg/kg	189	1	01/21/26 22:08	01/20/26 13:29
Benzo(a)anthracene	EPA 8270E	**157**		µg/kg	18.9	1	01/21/26 22:08	01/20/26 13:29
Benzo(a)pyrene	EPA 8270E	**157**		µg/kg	18.9	1	01/21/26 22:08	01/20/26 13:29
Benzo(b)fluoranthene	EPA 8270E	**201**		µg/kg	18.9	1	01/21/26 22:08	01/20/26 13:29
Benzo(g,h,i)perylene	EPA 8270E	**116**		µg/kg	18.9	1	01/21/26 22:08	01/20/26 13:29
Benzo(k)fluoranthene	EPA 8270E	**75.8**		µg/kg	18.9	1	01/21/26 22:08	01/20/26 13:29
bis(2-Chloroethoxy) methane	EPA 8270E	<60.0	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
bis(2-Chloroethyl) ether	EPA 8270E	<26.8	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
Butyl benzyl phthalate	EPA 8270E	<119	U	µg/kg	189	1	01/21/26 22:08	01/20/26 13:29
Caprolactam	EPA 8270E	<85.5	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
Carbazole	EPA 8270E	<27.9	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
Chrysene	EPA 8270E	**138**		µg/kg	18.9	1	01/21/26 22:08	01/20/26 13:29
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	<78.3	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
Dibenz(a,h) anthracene	EPA 8270E	<10.2	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
Dibenzofuran	EPA 8270E	<13.9	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
Diethyl phthalate	EPA 8270E	<32.2	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
Dimethyl phthalate	EPA 8270E	<18.5	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
Fluoranthene	EPA 8270E	**299**		µg/kg	18.9	1	01/21/26 22:08	01/20/26 13:29
Fluorene	EPA 8270E	**18.9**		µg/kg	18.9	1	01/21/26 22:08	01/20/26 13:29
Hexachlorobenzene	EPA 8270E	<27.6	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
Hexachlorobutadiene	EPA 8270E	<22.3	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
Hexachlorocyclopentadiene	EPA 8270E	<89.8	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
Hexachloroethane	EPA 8270E	<39.2	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
Indeno(1,2,3-cd) pyrene	EPA 8270E	**106**		µg/kg	18.9	1	01/21/26 22:08	01/20/26 13:29
Isophorone	EPA 8270E	<18.5	U	µg/kg	474	1	01/21/26 22:08	01/20/26 13:29
Methylphenol, Total	EPA 8270E	<25.6	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 13:10
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB03 (5-6')_20260116 **Lab ID: HN2600834-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	**18.9**		µg/kg	18.9	1	01/21/26 22:08	01/20/26 13:29
Nitrobenzene	EPA 8270E	<31.8	U	µg/kg	474	1	01/21/26 22:08	01/20/26 13:29
n-Nitrosodi-n-propylamine	EPA 8270E	<15.6	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
N-Nitrosodiphenylamine	EPA 8270E	<54.8	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
Pentachlorophenol	EPA 8270E	<75.2	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
Phenanthrene	EPA 8270E	**157**		µg/kg	18.9	1	01/21/26 22:08	01/20/26 13:29
Phenol	EPA 8270E	<47.6	U	µg/kg	93.8	1	01/21/26 22:08	01/20/26 13:29
Pyrene	EPA 8270E	**237**		µg/kg	18.9	1	01/21/26 22:08	01/20/26 13:29
Pyridine	EPA 8270E	<186	U	µg/kg	474	1	01/21/26 22:08	01/20/26 13:29
Surr: 2,4,6-Tribromophenol	*EPA 8270E*	***71.6***		*%REC*	*48-94*	*1*	*01/21/26 22:08*	*01/20/26 13:29*
Surr: 2-Fluorobiphenyl	*EPA 8270E*	***69.6***		*%REC*	*50-103*	*1*	*01/21/26 22:08*	*01/20/26 13:29*
Surr: 2-Fluorophenol	*EPA 8270E*	***72.1***		*%REC*	*43-105*	*1*	*01/21/26 22:08*	*01/20/26 13:29*
Surr: 4-Terphenyl-d14	*EPA 8270E*	***73.8***		*%REC*	*55-111*	*1*	*01/21/26 22:08*	*01/20/26 13:29*
Surr: Nitrobenzene-d5	*EPA 8270E*	***81.2***		*%REC*	*47-100*	*1*	*01/21/26 22:08*	*01/20/26 13:29*
Surr: Phenol-d6	*EPA 8270E*	***70.1***		*%REC*	*49-110*	*1*	*01/21/26 22:08*	*01/20/26 13:29*
Volatile Organic Compounds by GC-MS								
1,1,1-Trichloroethane	EPA 8260D	<18.2	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
1,1,2,2-Tetrachloroethane	EPA 8260D	<17.7	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<25.4	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
1,1,2-Trichloroethane	EPA 8260D	<17.0	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
1,1-Dichloroethane	EPA 8260D	<14.6	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
1,1-Dichloroethylene	EPA 8260D	<13.0	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
1,2,3-Trichlorobenzene	EPA 8260D	<48.1	U	µg/kg	134	1	01/21/26 02:58	01/19/26 12:25
1,2,3-Trichloropropane	EPA 8260D	<16.8	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
1,2,4-Trichlorobenzene	EPA 8260D	<45.4	U	µg/kg	134	1	01/21/26 02:58	01/19/26 12:25
1,2,4-Trimethylbenzene	EPA 8260D	<29.4	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<36.9	U	µg/kg	134	1	01/21/26 02:58	01/19/26 12:25
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<23.6	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<15.2	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 13:10
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB03 (5-6')_20260116 **Lab ID: HN2600834-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<23.6	U	µg/kg	134	1	01/21/26 02:58	01/19/26 12:25
1,2-Dichloropropane	EPA 8260D	<29.5	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
1,3,5-Trimethylbenzene	EPA 8260D	<28.3	U	µg/kg	134	1	01/21/26 02:58	01/19/26 12:25
1,3-Dichlorobenzene (m-Dichlorobenzene)	EPA 8260D	<27.7	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
1,3-Dichloropropene	EPA 8260D	<22.4	U	µg/kg	80.1	1	01/21/26 02:58	01/19/26 12:25
1,4-Dichlorobenzene (p-Dichlorobenzene)	EPA 8260D	<32.6	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<95.4	U	µg/kg	267	1	01/21/26 02:58	01/19/26 12:25
2-Hexanone	EPA 8260D	<19.9	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<37.3	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Acetone	EPA 8260D	<119	U	µg/kg	134	1	01/21/26 02:58	01/19/26 12:25
Benzene	EPA 8260D	<19.4	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Bromochloromethane	EPA 8260D	<20.4	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Bromodichloromethane	EPA 8260D	<22.4	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Bromoform	EPA 8260D	<16.9	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Carbon disulfide	EPA 8260D	<20.7	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Carbon tetrachloride	EPA 8260D	<15.7	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Chlorobenzene	EPA 8260D	<13.3	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Chlorodibromomethane	EPA 8260D	<22.5	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Chloroethane (Ethyl chloride)	EPA 8260D	<112	U	µg/kg	134	1	01/21/26 02:58	01/19/26 12:25
Chloroform	EPA 8260D	<14.7	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
cis-1,2-Dichloroethylene	EPA 8260D	<25.8	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
cis-1,3-Dichloropropene	EPA 8260D	<30.2	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Cyclohexane	EPA 8260D	<30.7	U	µg/kg	134	1	01/21/26 02:58	01/19/26 12:25
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<48.5	U	µg/kg	134	1	01/21/26 02:58	01/19/26 12:25
Ethylbenzene	EPA 8260D	<28.4	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Isopropylbenzene	EPA 8260D	<25.3	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
m+p-Xylene	EPA 8260D	<53.4	U	µg/kg	80.1	1	01/21/26 02:58	01/19/26 12:25
Methyl acetate	EPA 8260D	<48.0	U	µg/kg	334	1	01/21/26 02:58	01/19/26 12:25
Methyl bromide (Bromomethane)	EPA 8260D	<76.6	U	µg/kg	134	1	01/21/26 02:58	01/19/26 12:25

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 13:10
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00

CLIENT ID: 18866 SB03 (5-6')_20260116 **Lab ID: HN2600834-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<110	U	µg/kg	134	1	01/21/26 02:58	01/19/26 12:25
Methyl tert-butyl ether (MTBE)	EPA 8260D	<29.2	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Methylcyclohexane	EPA 8260D	<15.3	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Methylene chloride (Dichloromethane)	EPA 8260D	<106	U	µg/kg	334	1	01/21/26 02:58	01/19/26 12:25
o-Xylene	EPA 8260D	<15.5	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Styrene	EPA 8260D	<15.9	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<24.1	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Toluene	EPA 8260D	<33.0	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Total Xylene	EPA 8260D	<15.5	U	µg/kg	120	1	01/21/26 02:58	01/19/26 12:25
trans-1,2-Dichloroethylene	EPA 8260D	<33.1	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
trans-1,3-Dichloropropylene	EPA 8260D	<22.4	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Trichloroethene (Trichloroethylene)	EPA 8260D	<18.0	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<20.5	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Vinyl chloride (Chloroethene)	EPA 8260D	<26.6	U	µg/kg	40.1	1	01/21/26 02:58	01/19/26 12:25
Surr: 1,2-Dichloroethane-d4	*EPA 8260D*	***98.3***		*%REC*	*80-120*	*1*	*01/21/26 02:58*	*01/19/26 12:25*
Surr: 4-Bromofluorobenzene	*EPA 8260D*	***103***		*%REC*	*80-120*	*1*	*01/21/26 02:58*	*01/19/26 12:25*
Surr: Dibromofluoromethane	*EPA 8260D*	***96.4***		*%REC*	*72-120*	*1*	*01/21/26 02:58*	*01/19/26 12:25*
Surr: Toluene-d8	*EPA 8260D*	***95.5***		*%REC*	*80-120*	*1*	*01/21/26 02:58*	*01/19/26 12:25*

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2423622	**Run ID:**	3838451

Chlorinated Herbicides by GC/ECD

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2423622-001**

Method: EPA 8151A | **Dilution:** 1 | **Analysis Date:** 01/22/26 18:06 | **Prep Date:** 01/20/26 15:09

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	<1.23	µg/kg	6.67							U
2,4,5-TP (Silvex)	<2.19	µg/kg	6.67							U
2,4-D	<3.56	µg/kg	13.3							U
Surr: DCAA	***53.3***	*µg/kg*		50		80.0	*10-116*			

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2423622-002**

Method: EPA 8151A | **Dilution:** 1 | **Analysis Date:** 01/22/26 18:21 | **Prep Date:** 01/20/26 15:09

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	46.7	µg/kg	6.67	66.667		70.0	10-119			
2,4,5-TP (Silvex)	41.3	µg/kg	6.67	66.667		62.0	10-101			
2,4-D	44.0	µg/kg	13.3	66.667		66.0	10-128			
Surr: DCAA	***50.7***	*µg/kg*		66.667		76.0	*10-116*			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2423622-005**

Method: EPA 8151A | **Dilution:** 1 | **Analysis Date:** 01/22/26 18:36 | **Prep Date:** 01/20/26 15:09

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	23.8	µg/kg	5.39	49.643	<0.913	48.0	10-119			
2,4,5-TP (Silvex)	17.9	µg/kg	5.39	49.643	<1.63	36.0	10-101			
2,4-D	25.8	µg/kg	10.8	49.643	<2.65	52.0	10-128			
Surr: DCAA	***31.8***	*µg/kg*		49.643		64.0	*10-116*			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2423622-006**

Method: EPA 8151A | **Dilution:** 1 | **Analysis Date:** 01/22/26 18:51 | **Prep Date:** 01/20/26 15:09

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	24.8	µg/kg	5.39	49.665	<0.920	50.0	10-119	4.13	30	
2,4,5-TP (Silvex)	22.8	µg/kg	5.39	49.665	<1.64	46.0	10-101	24.4	30	
2,4-D	47.7	µg/kg	10.8	49.665	<2.67	96.0	10-128	59.5	30	R
Surr: DCAA	***33.8***	*µg/kg*		49.665		68.0	*10-116*	6.11	30	

The following samples were analyzed in this batch: HN2600834-001, HN2600834-002, HN2600834-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2422266	**Run ID:**	3832077

General Chemistry Parameters

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2422266-001**

Method: EPA 9056A | **Dilution:** 1 | **Analysis Date:** 01/20/26 19:37 | **Prep Date:** 01/19/26 15:23

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

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2422266-002**

Method: EPA 9056A | **Dilution:** 1 | **Analysis Date:** 01/20/26 19:46 | **Prep Date:** 01/19/26 15:23

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

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2422266-004**

Method: EPA 9056A | **Dilution:** 1 | **Analysis Date:** 01/20/26 20:02 | **Prep Date:** 01/19/26 15:23

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	170	mg/kg	12.0	103.75	70.6	105	87-110			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2422266-005**

Method: EPA 9056A | **Dilution:** 1 | **Analysis Date:** 01/20/26 20:10 | **Prep Date:** 01/19/26 15:23

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	170	mg/kg	11.9	102.83	70.6	106	87-110	0.119	15	

The following samples were analyzed in this batch: HN2600834-001, HN2600834-002, HN2600834-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2422982	**Run ID:**	3830353

General Chemistry Parameters

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2422982-001**

Method: EPA 3550C | **Dilution:** 1 | **Analysis Date:** 01/20/26 13:16 | **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-2422982-002**

Method: EPA 3550C | **Dilution:** 1 | **Analysis Date:** 01/20/26 13:16 | **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-2422982-015**

Method: EPA 3550C | **Dilution:** 1 | **Analysis Date:** 01/20/26 13:16 | **Prep Date:** NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	20.0	%	0.1		19.2			4.29	10	

The following samples were analyzed in this batch: HN2600834-002, HN2600834-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 12:55
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00
QC Lot:	2422982	**Run ID:**	3833992

General Chemistry Parameters

DUP	CLIENT ID: 18866 SB01 (1-2')_20260116	Lab ID: QC-2422982-004

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	17.6	%	0.1		18.9			7.56	10	

The following samples were analyzed in this batch: HN2600834-001, HN2600834-002, HN2600834-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2425158	**Run ID:**	3833992

General Chemistry Parameters

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2425158-001**

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	<0.1	%	0.1							U

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2425158-002**

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	100	%	0.1	100		100	98-102			

The following samples were analyzed in this batch: HN2600834-001

QA/QC Report

Client: The Mannik & Smith Group, Inc.
Project: 18866 Greeley
Matrix: SOIL/SOLID
QC Lot: 2426113

Work Order: HN2600834
Date Collected: NA
Date Received: NA
Run ID: 3836793

Metals

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2426113-001**

Method: EPA 6020B | **Dilution:** 1 | **Analysis Date:** 01/22/26 16:32 | **Prep Date:** 01/22/26 09:48

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-2426113-002**

Method: EPA 6020B | **Dilution:** 1 | **Analysis Date:** 01/22/26 16:33 | **Prep Date:** 01/22/26 09:48

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	4.80	mg/kg	0.250	5		95.9	80-120			
Barium	5.18	mg/kg	0.250	5		104	80-120			
Cadmium	4.78	mg/kg	0.100	5		95.6	80-120			
Chromium	4.79	mg/kg	0.250	5		95.8	80-120			
Copper	4.73	mg/kg	0.250	5		94.5	80-120			
Lead	5.05	mg/kg	0.250	5		101	80-120			
Selenium	4.80	mg/kg	0.250	5		96.0	80-120			
Silver	4.82	mg/kg	0.250	5		96.4	80-120			
Zinc	4.70	mg/kg	0.500	5		93.9	80-120			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2426113-004**

Method: EPA 6020B | **Dilution:** 10 | **Analysis Date:** 01/22/26 16:37 | **Prep Date:** 01/22/26 09:48

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	9.70	mg/kg	3.37	5.8207	6.33	72.6	75-125			S
Barium	77.9	mg/kg	3.37	5	80.1	NC	75-125			O
Cadmium	5.40	mg/kg	1.35	5.8207	0.510	85.2	75-125			
Chromium	15.2	mg/kg	3.37	5.8207	15.2	35.5	75-125			S
Copper	17.3	mg/kg	3.37	5	30.1	NC	75-125			O
Lead	39.2	mg/kg	3.37	5	93.2	NC	75-125			O
Selenium	5.37	mg/kg	3.37	5.8207	<2.68	81.0	75-125			
Silver	5.14	mg/kg	3.37	5.8207	<0.384	86.3	75-125			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2426113	**Run ID:**	3836793

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2426113-005**

Method: EPA 6020B **Dilution:** 10 **Analysis Date:** 01/22/26 16:38

Prep Date: 01/22/26 09:48

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	9.97	mg/kg	3.43	5.9312	6.33	75.8	75-125	2.76	20	
Barium	72.8	mg/kg	3.43	5	80.1	NC	75-125	6.85	20	O
Cadmium	5.55	mg/kg	1.37	5.9312	0.510	86.1	75-125	2.64	20	
Chromium	17.7	mg/kg	3.43	5.9312	15.2	77.9	75-125	15.5	20	
Copper	18.2	mg/kg	3.43	5	30.1	NC	75-125	5.28	20	O
Lead	43.5	mg/kg	3.43	5	93.2	NC	75-125	10.4	20	O
Selenium	5.69	mg/kg	3.43	5.9312	<2.73	85.0	75-125	5.88	20	
Silver	5.23	mg/kg	3.43	5.9312	<0.391	86.1	75-125	1.60	20	

PDS | **CLIENT ID: Batch QC** | **Lab ID: QC-2426113-007**

Method: EPA 6020B **Dilution:** 10 **Analysis Date:** 01/22/26 16:42

Prep Date: 01/22/26 09:48

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	60.3	mg/kg	3.36	58.005	6.33	94.5	75-125			
Barium	126	mg/kg	3.36	58.005	80.1	98.4	75-125			
Cadmium	52.6	mg/kg	1.34	58.005	0.510	89.9	75-125			
Chromium	65.0	mg/kg	3.36	58.005	15.2	89.4	75-125			
Copper	76.3	mg/kg	3.36	58.005	30.1	86.7	75-125			
Lead	135	mg/kg	3.36	58.005	93.2	93.6	75-125			
Selenium	53.4	mg/kg	3.36	58.005	<2.67	91.0	75-125			
Silver	42.5	mg/kg	3.36	58.005	<0.383	73.1	75-125			S

The following samples were analyzed in this batch: HN2600834-001, HN2600834-002, HN2600834-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 09:15
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00
QC Lot:	2426113	**Run ID:**	3838280

Metals

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2426113-004**

Method: EPA 6020B **Dilution:** 100 **Analysis Date:** 01/23/26 12:46

Prep Date: 01/22/26 09:48

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Zinc	<57.0	mg/kg	67.4	5	125	NC	75-125			OU

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2426113-005**

Method: EPA 6020B **Dilution:** 100 **Analysis Date:** 01/23/26 12:47

Prep Date: 01/22/26 09:48

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Zinc	79.9	mg/kg	68.7	5	125	NC	75-125	NC		O

The following samples were analyzed in this batch: HN2600834-001, HN2600834-002, HN2600834-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2427774	**Run ID:**	3842171

Metals

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2427774-001**

Method: EPA 7471B | **Dilution:** 1 | **Analysis Date:** 01/26/26 15:30 | **Prep Date:** 01/23/26 13:26

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-2427774-002**

Method: EPA 7471B | **Dilution:** 1 | **Analysis Date:** 01/26/26 15:32 | **Prep Date:** 01/23/26 13:26

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

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2427774-004**

Method: EPA 7471B | **Dilution:** 1 | **Analysis Date:** 01/26/26 13:28 | **Prep Date:** 01/23/26 13:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.383	mg/kg	0.0200	0.13647	0.316	85.9	75-125			E

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2427774-005**

Method: EPA 7471B | **Dilution:** 1 | **Analysis Date:** 01/26/26 13:31 | **Prep Date:** 01/23/26 13:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.307	mg/kg	0.0200	0.13179	0.316	31.4	75-125	22.0	35	ES

The following samples were analyzed in this batch: HN2600834-001, HN2600834-002, HN2600834-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2421584	**Run ID:**	3833270

Organochlorine Pesticides by GC/ECD

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2421584-001**

Method: EPA 8081B | **Dilution:** 1 | **Analysis Date:** 01/20/26 05:01 | **Prep Date:** 01/19/26 08:05

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDD	<6.39	µg/kg	10.0							U
4,4'-DDE	<6.59	µg/kg	10.0							U
4,4'-DDT	<6.65	µg/kg	10.0							U
Aldrin	<6.50	µg/kg	10.0							U
alpha-BHC	<6.58	µg/kg	10.0							U
beta-BHC	<6.57	µg/kg	10.0							U
Chlordane, Technical	<9.92	µg/kg	25.0							U
cis-Chlordane	<6.68	µg/kg	10.0							U
delta-BHC	<6.55	µg/kg	10.0							U
Dieldrin	<6.99	µg/kg	10.0							U
Endosulfan I	<6.72	µg/kg	10.0							U
Endosulfan II	<6.62	µg/kg	10.0							U
Endosulfan sulfate	<6.15	µg/kg	10.0							U
Endrin	<8.09	µg/kg	10.0							U
Endrin aldehyde	<6.34	µg/kg	10.0							U
Endrin ketone	<6.08	µg/kg	10.0							U
gamma-BHC (Lindane)	<6.56	µg/kg	10.0							U
Heptachlor	<6.45	µg/kg	10.0							U
Heptachlor epoxide	<6.62	µg/kg	10.0							U
Methoxychlor	<6.69	µg/kg	10.0							U
Toxaphene	<10.8	µg/kg	60.0							U
trans-Chlordane	<6.64	µg/kg	10.0							U
Surr: Decachlorobiphenyl	***45.6***	*µg/kg*		33.33		137	*53-151*			
Surr: Tetrachloro-m-xylene	***34.4***	*µg/kg*		33.33		103	*67-127*			

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2421584-002**

Method: EPA 8081B | **Dilution:** 1 | **Analysis Date:** 01/20/26 05:16 | **Prep Date:** 01/19/26 08:05

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDD	31.0	µg/kg	10.0	33.33		92.9	55-141			
4,4'-DDE	30.6	µg/kg	10.0	33.33		92.0	55-143			
4,4'-DDT	31.1	µg/kg	10.0	33.33		93.3	50-144			
Aldrin	33.0	µg/kg	10.0	33.33		99.0	57-141			
alpha-BHC	31.9	µg/kg	10.0	33.33		95.6	58-144			
beta-BHC	32.9	µg/kg	10.0	33.33		98.7	55-147			
cis-Chlordane	31.3	µg/kg	10.0	33.33		94.0	58-142			
delta-BHC	33.0	µg/kg	10.0	33.33		99.2	59-142			
Dieldrin	31.3	µg/kg	10.0	33.33		93.8	59-142			
Endosulfan I	28.1	µg/kg	10.0	33.33		84.3	57-145			
Endosulfan II	31.4	µg/kg	10.0	33.33		94.2	58-138			
Endosulfan sulfate	30.6	µg/kg	10.0	33.33		91.8	54-136			
Endrin	31.8	µg/kg	10.0	33.33		95.5	45-150			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2421584	**Run ID:**	3833270

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2421584-002**

Method: EPA 8081B | **Dilution:** 1 | **Analysis Date:** 01/20/26 05:16 | **Prep Date:** 01/19/26 08:05

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Endrin aldehyde	35.7	µg/kg	10.0	33.33		107	41-147			
Endrin ketone	32.5	µg/kg	10.0	33.33		97.6	54-146			
gamma-BHC (Lindane)	32.4	µg/kg	10.0	33.33		97.2	58-145			
Heptachlor	39.0	µg/kg	10.0	33.33		117	51-145			
Heptachlor epoxide	31.9	µg/kg	10.0	33.33		95.8	59-143			
Methoxychlor	30.6	µg/kg	10.0	33.33		91.9	43-144			
trans-Chlordane	31.7	µg/kg	10.0	33.33		95.1	56-145			
Surr: Decachlorobiphenyl	***37.5***	*µg/kg*		33.33		113	*51-151*			
Surr: Tetrachloro-m-xylene	***30.3***	*µg/kg*		33.33		90.9	*67-127*			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2421584-005**

Method: EPA 8081B | **Dilution:** 1 | **Analysis Date:** 01/20/26 07:59 | **Prep Date:** 01/19/26 08:05

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDD	73.7	µg/kg	25.6	78.485	<15.0	94.0	55-141			
4,4'-DDE	74.0	µg/kg	25.6	78.485	<15.5	94.3	55-143			
4,4'-DDT	76.0	µg/kg	25.6	78.485	<15.7	96.8	50-144			
Aldrin	74.9	µg/kg	25.6	78.485	<15.3	95.4	57-141			
alpha-BHC	73.4	µg/kg	25.6	78.485	<15.5	93.6	58-144			
beta-BHC	75.4	µg/kg	25.6	78.485	<15.5	96.0	55-147			
cis-Chlordane	75.6	µg/kg	25.6	78.485	<15.7	96.4	58-142			
delta-BHC	75.9	µg/kg	25.6	78.485	<15.4	96.7	59-142			
Dieldrin	75.4	µg/kg	25.6	78.485	<16.5	96.1	59-142			
Endosulfan I	65.8	µg/kg	25.6	78.485	<15.8	83.8	57-145			
Endosulfan II	75.0	µg/kg	25.6	78.485	<15.6	95.6	58-138			
Endosulfan sulfate	73.0	µg/kg	25.6	78.485	<14.5	93.0	54-135			
Endrin	78.6	µg/kg	25.6	78.485	<19.1	100	45-150			
Endrin aldehyde	88.9	µg/kg	25.6	78.485	<14.9	113	41-147			
Endrin ketone	77.4	µg/kg	25.6	78.485	<14.3	98.6	54-146			
gamma-BHC (Lindane)	74.3	µg/kg	25.6	78.485	<15.5	94.7	58-145			
Heptachlor	90.2	µg/kg	25.6	78.485	<15.2	115	51-145			
Heptachlor epoxide	75.7	µg/kg	25.6	78.485	<15.6	96.5	59-143			
Methoxychlor	76.6	µg/kg	25.6	78.485	<15.7	97.6	43-144			
trans-Chlordane	75.3	µg/kg	25.6	78.485	<15.6	96.0	56-145			
Surr: Decachlorobiphenyl	***88.3***	*µg/kg*		78.485		113	*53-151*			
Surr: Tetrachloro-m-xylene	***70.6***	*µg/kg*		78.485		90.0	*67-127*			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2421584-006**

Method: EPA 8081B | **Dilution:** 1 | **Analysis Date:** 01/20/26 08:14 | **Prep Date:** 01/19/26 08:05

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDD	69.9	µg/kg	25.3	77.512	<14.9	90.2	55-141	5.38	20	

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2421584	**Run ID:**	3833270

MSD	**CLIENT ID: Batch QC**	**Lab ID: QC-2421584-006**

Method: EPA 8081B **Dilution:** 1 **Analysis Date:** 01/20/26 08:14

Prep Date: 01/19/26 08:05

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDE	70.5	µg/kg	25.3	77.512	<15.3	91.0	55-143	4.81	20	
4,4'-DDT	72.8	µg/kg	25.3	77.512	<15.5	93.9	50-144	4.34	20	
Aldrin	72.3	µg/kg	25.3	77.512	<15.1	93.3	57-141	3.53	20	
alpha-BHC	69.1	µg/kg	25.3	77.512	<15.3	89.2	58-144	6.06	20	
beta-BHC	71.9	µg/kg	25.3	77.512	<15.3	92.7	55-147	4.75	20	
cis-Chlordane	71.8	µg/kg	25.3	77.512	<15.5	92.6	58-142	5.22	20	
delta-BHC	72.3	µg/kg	25.3	77.512	<15.2	93.3	59-142	4.83	20	
Dieldrin	71.2	µg/kg	25.3	77.512	<16.3	91.9	59-142	5.72	20	
Endosulfan I	63.3	µg/kg	25.3	77.512	<15.6	81.6	57-145	3.91	20	
Endosulfan II	70.9	µg/kg	25.3	77.512	<15.4	91.5	58-138	5.63	20	
Endosulfan sulfate	70.4	µg/kg	25.3	77.512	<14.3	90.8	54-135	3.64	20	
Endrin	74.4	µg/kg	25.3	77.512	<18.8	96.0	45-150	5.48	20	
Endrin aldehyde	82.9	µg/kg	25.3	77.512	<14.7	107	41-147	6.97	20	
Endrin ketone	74.1	µg/kg	25.3	77.512	<14.1	95.6	54-146	4.34	20	
gamma-BHC (Lindane)	70.5	µg/kg	25.3	77.512	<15.3	90.9	58-145	5.29	20	
Heptachlor	86.8	µg/kg	25.3	77.512	<15.0	112	51-145	3.85	20	
Heptachlor epoxide	71.6	µg/kg	25.3	77.512	<15.4	92.4	59-143	5.64	20	
Methoxychlor	75.1	µg/kg	25.3	77.512	<15.5	96.9	43-144	1.97	20	
trans-Chlordane	72.3	µg/kg	25.3	77.512	<15.4	93.3	56-145	4.10	20	
Surr: Decachlorobiphenyl	***84.7***	*µg/kg*		77.512		109	*53-151*	4.18	30	
Surr: Tetrachloro-m-xylene	***66.4***	*µg/kg*		77.512		85.7	*67-127*	6.20	30	

The following samples were analyzed in this batch: HN2600834-001, HN2600834-002, HN2600834-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	01/16/26 13:43
Matrix:	SOIL/SOLID	**Date Received:**	01/17/26 08:00
QC Lot:	2421581	**Run ID:**	3831072

Polychlorinated Biphenyls (PCBs) by GC/ECD

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2421581-005**

Method: EPA 8082A | **Dilution:** 1 | **Analysis Date:** 01/20/26 05:27 | **Prep Date:** 01/19/26 07:48

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	1890	µg/kg	187	1977.1	<54.3	95.5	71-135			
Aroclor 1260	1810	µg/kg	187	1977.1	<44.2	91.7	67-135			
Surr: Decachlorobiphenyl	***90.8***	*µg/kg*		79.035		115	*54-146*			
Surr: Tetrachloro-m-xylene	***76.1***	*µg/kg*		79.035		96.2	*58-140*			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2421581-006**

Method: EPA 8082A | **Dilution:** 1 | **Analysis Date:** 01/20/26 05:38 | **Prep Date:** 01/19/26 07:48

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	1980	µg/kg	185	1958.5	<53.7	101	71-135	4.86	20	
Aroclor 1260	1820	µg/kg	185	1958.5	<43.8	92.7	67-135	0.120	20	
Surr: Decachlorobiphenyl	***90.7***	*µg/kg*		78.292		116	*54-146*	0.120	30	
Surr: Tetrachloro-m-xylene	***79.6***	*µg/kg*		78.292		102	*58-140*	4.52	30	

The following samples were analyzed in this batch: HN2600834-001, HN2600834-002, HN2600834-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2421581	**Run ID:**	3833598

Polychlorinated Biphenyls (PCBs) by GC/ECD

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2421581-001**

Method: EPA 8082A | **Dilution:** 1 | **Analysis Date:** 01/20/26 17:38 | **Prep Date:** 01/19/26 07:48

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	***54.1***	*µg/kg*		33.3		163	*54-146*			S
Surr: Tetrachloro-m-xylene	***37.8***	*µg/kg*		33.3		114	*58-140*			

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2421581-002**

Method: EPA 8082A | **Dilution:** 1 | **Analysis Date:** 01/20/26 17:50 | **Prep Date:** 01/19/26 07:48

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	814	µg/kg	66.7	833		97.7	71-135			
Aroclor 1260	857	µg/kg	66.7	833		103	67-135			
Surr: Decachlorobiphenyl	***49.9***	*µg/kg*		33.3		150	*54-146*			S
Surr: Tetrachloro-m-xylene	***33.3***	*µg/kg*		33.3		99.9	*58-140*			

The following samples were analyzed in this batch: HN2600834-001, HN2600834-002, HN2600834-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2422965	**Run ID:**	3835774

Semivolatile Organic Compounds by GC-MS

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2422965-001**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/21/26 16:32

Prep Date: 01/20/26 13:30

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

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2422965	**Run ID:**	3835774

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2422965-001**

Method: EPA 8270E | **Dilution:** 1 | **Analysis Date:** 01/21/26 16:32 | **Prep Date:** 01/20/26 13:30

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	***2570***	*µg/kg*		3333		77.1	*48-94*			
Surr: 2-Fluorobiphenyl	***2640***	*µg/kg*		3333		79.2	*50-103*			
Surr: 2-Fluorophenol	***2590***	*µg/kg*		3333		77.7	*43-105*			
Surr: 4-Terphenyl-d14	***2860***	*µg/kg*		3333		85.8	*55-111*			
Surr: Nitrobenzene-d5	***3020***	*µg/kg*		3333		90.5	*47-100*			
Surr: Phenol-d6	***2610***	*µg/kg*		3333		78.3	*49-110*			

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2422965-002**

Method: EPA 8270E | **Dilution:** 1 | **Analysis Date:** 01/21/26 16:53 | **Prep Date:** 01/20/26 13:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	1040	µg/kg	33.0	1333		78.3	57-101			
1,2,4,5-Tetrachlorobenzene	1070	µg/kg	333	1333		80.2	54-98			
1-Methylnaphthalene	1060	µg/kg	6.67	1333		79.8	56-100			
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1060	µg/kg	33.0	1333		79.9	50-101			
2,3,4,6-Tetrachlorophenol	1080	µg/kg	67.0	1333		81.1	48-103			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2422965	**Run ID:**	3835774

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2422965-002

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/21/26 16:53

Prep Date: 01/20/26 13:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	1110	µg/kg	33.0	1333		83.5	54-98			
2,4,6-Trichlorophenol	1090	µg/kg	33.0	1333		81.4	56-97			
2,4-Dichlorophenol	1080	µg/kg	33.0	1333		81.2	54-99			
2,4-Dimethylphenol	979	µg/kg	33.0	1333		73.4	47-102			
2,4-Dinitrophenol	1110	µg/kg	333	1333		83.6	10-100			
2,4-Dinitrotoluene (2,4-DNT)	1110	µg/kg	33.0	1333		83.2	62-105			
2,6-Dinitrotoluene (2,6-DNT)	1080	µg/kg	33.0	1333		81.3	62-103			
2-Chloronaphthalene	1050	µg/kg	6.67	1333		78.6	57-101			
2-Chlorophenol	1040	µg/kg	33.0	1333		77.7	52-102			
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	1210	µg/kg	33.0	1333		91.0	42-104			
2-Methylnaphthalene	1060	µg/kg	6.67	1333		79.4	55-102			
2-Methylphenol (o-Cresol)	1010	µg/kg	33.0	1333		76.0	54-103			
2-Nitroaniline	1200	µg/kg	33.0	1333		89.9	57-103			
2-Nitrophenol	1220	µg/kg	33.0	1333		91.4	52-102			
3&4-Methylphenol	990	µg/kg	33.0	1333		74.3	56-103			
3,3'-Dichlorobenzidine	856	µg/kg	167	1333		64.2	41-91			
3-Nitroaniline	707	µg/kg	33.0	1333		53.0	35-107			
4-Bromophenyl phenyl ether (BDE-3)	1090	µg/kg	33.0	1333		81.7	63-104			
4-Chloro-3-methylphenol	1100	µg/kg	33.0	1333		82.7	57-103			
4-Chloroaniline	1140	µg/kg	67.0	1333		85.9	32-99			
4-Chlorophenyl phenylether	1030	µg/kg	33.0	1333		77.5	62-100			
4-Nitroaniline	507	µg/kg	167	1333		38.0	19-124			
4-Nitrophenol	1060	µg/kg	333	1333		79.6	44-106			
Acenaphthene	1040	µg/kg	6.67	1333		78.4	60-101			
Acenaphthylene	1080	µg/kg	6.67	1333		80.8	59-101			
Acetophenone	1030	µg/kg	33.0	1333		77.0	54-102			
Anthracene	1070	µg/kg	6.67	1333		80.3	63-96			
Atrazine	1090	µg/kg	33.0	1333		82.0	60-110			
Benzaldehyde	177	µg/kg	67.0	1333		13.3	10-143			
Benzo(a)anthracene	1100	µg/kg	6.67	1333		82.7	66-102			
Benzo(a)pyrene	1140	µg/kg	6.67	1333		85.5	66-105			
Benzo(b)fluoranthene	1140	µg/kg	6.67	1333		85.6	67-105			
Benzo(g,h,i)perylene	1150	µg/kg	6.67	1333		86.4	59-110			
Benzo(k)fluoranthene	1090	µg/kg	6.67	1333		81.6	68-106			
bis(2-Chloroethoxy)methane	1060	µg/kg	33.0	1333		79.9	54-102			
bis(2-Chloroethyl) ether	1050	µg/kg	33.0	1333		79.0	51-101			
Butyl benzyl phthalate	1160	µg/kg	67.0	1333		86.9	59-107			
Caprolactam	1070	µg/kg	33.0	1333		80.0	49-103			
Carbazole	1090	µg/kg	33.0	1333		81.7	63-103			
Chrysene	1110	µg/kg	6.67	1333		83.3	66-105			
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	1230	µg/kg	33.0	1333		92.4	63-101			
Dibenz(a,h) anthracene	1170	µg/kg	33.0	1333		88.0	61-109			
Dibenzofuran	1060	µg/kg	33.0	1333		79.6	61-101			
Diethyl phthalate	1090	µg/kg	33.0	1333		81.5	63-105			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2422965	**Run ID:**	3835774

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2422965-002**

Method: EPA 8270E | **Dilution:** 1 | **Analysis Date:** 01/21/26 16:53 | **Prep Date:** 01/20/26 13:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Dimethyl phthalate	1060	µg/kg	33.0	1333		79.3	64-104			
Fluoranthene	1100	µg/kg	6.67	1333		82.3	66-105			
Fluorene	1060	µg/kg	6.67	1333		79.5	62-101			
Hexachlorobenzene	1110	µg/kg	33.0	1333		83.6	61-104			
Hexachlorobutadiene	1090	µg/kg	33.0	1333		81.7	52-99			
Hexachlorocyclopentadiene	945	µg/kg	33.0	1333		70.9	39-106			
Hexachloroethane	1050	µg/kg	33.0	1333		79.0	59-99			
Indeno(1,2,3-cd) pyrene	1220	µg/kg	6.67	1333		91.6	57-114			
Isophorone	1080	µg/kg	167	1333		81.3	55-101			
Methylphenol, Total	2000	µg/kg	67.0	2667		75.1	54-103			
Naphthalene	1090	µg/kg	6.67	1333		81.6	54-99			
Nitrobenzene	1150	µg/kg	167	1333		86.4	53-100			
n-Nitrosodi-n-propylamine	1060	µg/kg	33.0	1333		79.2	52-104			
N-Nitrosodiphenylamine	1090	µg/kg	33.0	1333		81.6	61-104			
Pentachlorophenol	1060	µg/kg	33.0	1333		79.2	35-100			
Phenanthrene	1120	µg/kg	6.67	1333		84.0	64-101			
Phenol	1010	µg/kg	33.0	1333		75.8	51-107			
Pyrene	1110	µg/kg	6.67	1333		83.3	62-114			
Pyridine	803	µg/kg	167	1333		60.2	40-84			
Surr: 2,4,6-Tribromophenol	***2590***	*µg/kg*		3333		77.6	*48-94*			
Surr: 2-Fluorobiphenyl	***2540***	*µg/kg*		3333		76.2	*50-103*			
Surr: 2-Fluorophenol	***2520***	*µg/kg*		3333		75.6	*43-105*			
Surr: 4-Terphenyl-d14	***2710***	*µg/kg*		3333		81.4	*55-111*			
Surr: Nitrobenzene-d5	***3140***	*µg/kg*		3333		94.3	*47-100*			
Surr: Phenol-d6	***2600***	*µg/kg*		3333		77.9	*49-110*			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2422965-005**

Method: EPA 8270E | **Dilution:** 1 | **Analysis Date:** 01/21/26 17:14 | **Prep Date:** 01/20/26 13:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	1760	µg/kg	60.0	2180.5	<8.85	80.8	57-101			
1,2,4,5-Tetrachlorobenzene	1810	µg/kg	605	2180.5	<12.6	83.0	54-98			
1-Methylnaphthalene	1830	µg/kg	12.1	2180.5	<7.85	83.9	56-100			
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1770	µg/kg	60.0	2180.5	<12.8	81.2	50-101			
2,3,4,6-Tetrachlorophenol	1900	µg/kg	121	2180.5	<39.9	87.2	48-103			
2,4,5-Trichlorophenol	1930	µg/kg	60.0	2180.5	<32.3	88.7	54-98			
2,4,6-Trichlorophenol	1800	µg/kg	60.0	2180.5	<14.5	82.6	56-97			
2,4-Dichlorophenol	1870	µg/kg	60.0	2180.5	<29.3	85.6	54-99			
2,4-Dimethylphenol	1510	µg/kg	60.0	2180.5	<28.0	69.1	47-102			
2,4-Dinitrophenol	925	µg/kg	605	2180.5	<399	42.4	10-100			
2,4-Dinitrotoluene (2,4-DNT)	1850	µg/kg	60.0	2180.5	<35.4	84.6	62-105			
2,6-Dinitrotoluene (2,6-DNT)	1860	µg/kg	60.0	2180.5	<13.9	85.2	62-103			
2-Chloronaphthalene	1760	µg/kg	12.1	2180.5	<7.62	80.8	57-101			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2422965	**Run ID:**	3835774

MS	**CLIENT ID: Batch QC**	**Lab ID: QC-2422965-005**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/21/26 17:14

Prep Date: 01/20/26 13:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2-Chlorophenol	1740	µg/kg	60.0	2180.5	<35.7	79.8	52-102			
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	1870	µg/kg	60.0	2180.5	<45.5	85.6	42-104			
2-Methylnaphthalene	1780	µg/kg	12.1	2180.5	<5.55	81.8	55-102			
2-Methylphenol (o-Cresol)	1640	µg/kg	60.0	2180.5	<14.7	75.2	54-103			
2-Nitroaniline	2060	µg/kg	60.0	2180.5	<30.3	94.6	57-103			
2-Nitrophenol	2090	µg/kg	60.0	2180.5	<15.5	95.9	52-102			
3&4-Methylphenol	1620	µg/kg	60.0	2180.5	<29.7	74.5	56-103			
3,3'-Dichlorobenzidine	1520	µg/kg	303	2180.5	<25.5	69.6	41-91			
3-Nitroaniline	1150	µg/kg	60.0	2180.5	<31.7	52.8	35-107			
4-Bromophenyl phenyl ether (BDE-3)	1860	µg/kg	60.0	2180.5	<29.9	85.5	63-104			
4-Chloro-3-methylphenol	1850	µg/kg	60.0	2180.5	<15.5	84.8	57-103			
4-Chloroaniline	1930	µg/kg	121	2180.5	<27.7	88.3	32-99			
4-Chlorophenyl phenylether	1700	µg/kg	60.0	2180.5	<15.1	78.0	62-100			
4-Nitroaniline	844	µg/kg	303	2180.5	<84.6	38.7	19-124			
4-Nitrophenol	1790	µg/kg	605	2180.5	<128	82.2	44-106			
Acenaphthene	1770	µg/kg	12.1	2180.5	<7.88	81.1	60-101			
Acenaphthylene	1810	µg/kg	12.1	2180.5	<9.45	83.1	59-101			
Acetophenone	1690	µg/kg	60.0	2180.5	<8.54	77.4	54-102			
Anthracene	1850	µg/kg	12.1	2180.5	<7.69	84.8	63-96			
Atrazine	1850	µg/kg	60.0	2180.5	<31.9	84.9	60-110			
Benzaldehyde	257	µg/kg	121	2180.5	<83.8	11.8	10-143			
Benzo(a)anthracene	1880	µg/kg	12.1	2180.5	<9.42	86.1	66-102			
Benzo(a)pyrene	1950	µg/kg	12.1	2180.5	<6.69	89.4	66-105			
Benzo(b)fluoranthene	1900	µg/kg	12.1	2180.5	<8.13	87.0	67-105			
Benzo(g,h,i)perylene	1970	µg/kg	12.1	2180.5	<8.36	90.1	59-110			
Benzo(k)fluoranthene	1860	µg/kg	12.1	2180.5	<8.26	85.5	68-106			
bis(2-Chloroethoxy)methane	1770	µg/kg	60.0	2180.5	<34.5	81.2	54-102			
bis(2-Chloroethyl) ether	1720	µg/kg	60.0	2180.5	<15.4	79.0	51-101			
Butyl benzyl phthalate	1950	µg/kg	121	2180.5	<68.3	89.3	59-107			
Caprolactam	1930	µg/kg	60.0	2180.5	<49.2	88.7	49-103			
Carbazole	1820	µg/kg	60.0	2180.5	<16.1	83.6	63-103			
Chrysene	1900	µg/kg	12.1	2180.5	<9.31	87.2	66-105			
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	2050	µg/kg	60.0	2180.5	<45.1	94.2	63-101			
Dibenz(a,h) anthracene	1970	µg/kg	60.0	2180.5	<5.89	90.1	61-109			
Dibenzofuran	1770	µg/kg	60.0	2180.5	<8.02	81.2	61-101			
Diethyl phthalate	1800	µg/kg	60.0	2180.5	<18.5	82.6	63-105			
Dimethyl phthalate	1770	µg/kg	60.0	2180.5	<10.6	81.4	64-104			
Fluoranthene	1850	µg/kg	12.1	2180.5	<5.23	85.0	66-105			
Fluorene	1770	µg/kg	12.1	2180.5	<7.92	81.3	62-101			
Hexachlorobenzene	1830	µg/kg	60.0	2180.5	<15.9	83.8	61-104			
Hexachlorobutadiene	1800	µg/kg	60.0	2180.5	<12.8	82.7	52-99			
Hexachlorocyclopentadiene	1580	µg/kg	60.0	2180.5	<53.3	72.5	39-106			
Hexachloroethane	1730	µg/kg	60.0	2180.5	<22.6	79.5	59-99			
Indeno(1,2,3-cd) pyrene	2020	µg/kg	12.1	2180.5	<7.59	92.6	57-114			

QA/QC Report

Client: The Mannik & Smith Group, Inc.
Project: 18866 Greeley
Matrix: SOIL/SOLID
QC Lot: 2422965

Work Order: HN2600834
Date Collected: NA
Date Received: NA
Run ID: 3835774

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2422965-005**

Method: EPA 8270E | **Dilution:** 1 | **Analysis Date:** 01/21/26 17:14 | **Prep Date:** 01/20/26 13:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Isophorone	1840	µg/kg	303	2180.5	<10.6	84.2	55-101			
Methylphenol, Total	3260	µg/kg	60.0	4362.6	<14.7	74.8	54-103			
Naphthalene	1820	µg/kg	12.1	2180.5	<6.97	83.4	54-99			
Nitrobenzene	1970	µg/kg	303	2180.5	<18.3	90.5	53-100			
n-Nitrosodi-n-propylamine	1710	µg/kg	60.0	2180.5	<9.00	78.2	52-104			
N-Nitrosodiphenylamine	1880	µg/kg	60.0	2180.5	<31.6	86.3	61-104			
Pentachlorophenol	1850	µg/kg	60.0	2180.5	<43.3	85.1	35-100			
Phenanthrene	1860	µg/kg	12.1	2180.5	<5.07	85.5	64-101			
Phenol	1650	µg/kg	60.0	2180.5	<27.4	75.5	51-107			
Pyrene	1910	µg/kg	12.1	2180.5	<5.44	87.4	52-114			
Pyridine	1600	µg/kg	303	2180.5	<107	73.2	40-84			
Surr: 2,4,6-Tribromophenol	***4370***	*µg/kg*		5452		80.1	*48-94*			
Surr: 2-Fluorobiphenyl	***4250***	*µg/kg*		5452		78.0	*50-103*			
Surr: 2-Fluorophenol	***4280***	*µg/kg*		5452		78.5	*43-105*			
Surr: 4-Terphenyl-d14	***4560***	*µg/kg*		5452		83.7	*55-111*			
Surr: Nitrobenzene-d5	***5330***	*µg/kg*		5452		97.8	*47-100*			
Surr: Phenol-d6	***4260***	*µg/kg*		5452		78.2	*49-110*			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2422965-006**

Method: EPA 8270E | **Dilution:** 1 | **Analysis Date:** 01/21/26 17:35 | **Prep Date:** 01/20/26 13:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	1790	µg/kg	59.9	2178.1	<8.84	82.3	57-101	1.73	30	
1,2,4,5-Tetrachlorobenzene	1820	µg/kg	604	2178.1	<12.6	83.7	54-98	0.731	30	
1-Methylnaphthalene	1870	µg/kg	12.1	2178.1	<7.84	86.0	56-100	2.30	30	
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1860	µg/kg	59.9	2178.1	<12.8	85.5	50-101	5.05	30	
2,3,4,6-Tetrachlorophenol	1940	µg/kg	121	2178.1	<39.9	89.1	48-103	2.05	30	
2,4,5-Trichlorophenol	1990	µg/kg	59.9	2178.1	<32.3	91.5	54-98	2.94	30	
2,4,6-Trichlorophenol	1840	µg/kg	59.9	2178.1	<14.5	84.3	56-97	1.87	30	
2,4-Dichlorophenol	1930	µg/kg	59.9	2178.1	<29.3	88.8	54-99	3.62	30	
2,4-Dimethylphenol	1450	µg/kg	59.9	2178.1	<28.0	66.5	47-102	3.87	30	
2,4-Dinitrophenol	902	µg/kg	604	2178.1	<398	41.4	10-100	2.50	30	
2,4-Dinitrotoluene (2,4-DNT)	1860	µg/kg	59.9	2178.1	<35.4	85.2	62-105	0.598	30	
2,6-Dinitrotoluene (2,6-DNT)	1800	µg/kg	59.9	2178.1	<13.9	82.7	62-103	3.09	30	
2-Chloronaphthalene	1780	µg/kg	12.1	2178.1	<7.61	81.8	57-101	1.06	30	
2-Chlorophenol	1810	µg/kg	59.9	2178.1	<35.6	83.2	52-102	4.13	30	
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	1940	µg/kg	59.9	2178.1	<45.5	89.1	42-104	3.84	30	
2-Methylnaphthalene	1840	µg/kg	12.1	2178.1	<5.54	84.4	55-102	3.02	30	
2-Methylphenol (o-Cresol)	1630	µg/kg	59.9	2178.1	<14.7	74.9	54-103	0.509	30	
2-Nitroaniline	2060	µg/kg	59.9	2178.1	<30.2	94.7	57-103	0.0032	30	
								8		
2-Nitrophenol	2190	µg/kg	59.9	2178.1	<15.5	101	52-102	4.77	30	
3&4-Methylphenol	1640	µg/kg	59.9	2178.1	<29.7	75.3	56-103	1.03	30	

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2422965	**Run ID:**	3835774

MSD	**CLIENT ID: Batch QC**	**Lab ID: QC-2422965-006**
Method: EPA 8270E	**Dilution:** 1	**Analysis Date:** 01/21/26 17:35
		Prep Date: 01/20/26 13:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
3,3'-Dichlorobenzidine	1590	µg/kg	302	2178.1	<25.4	72.9	41-91	4.53	30	
3-Nitroaniline	1040	µg/kg	59.9	2178.1	<31.6	47.9	35-107	9.85	30	
4-Bromophenyl phenyl ether (BDE-3)	1880	µg/kg	59.9	2178.1	<29.8	86.5	63-104	1.05	30	
4-Chloro-3-methylphenol	1900	µg/kg	59.9	2178.1	<15.5	87.1	57-103	2.57	30	
4-Chloroaniline	1940	µg/kg	121	2178.1	<27.7	89.1	32-99	0.737	30	
4-Chlorophenyl phenylether	1730	µg/kg	59.9	2178.1	<15.0	79.3	62-100	1.61	30	
4-Nitroaniline	781	µg/kg	302	2178.1	<84.5	35.9	19-124	7.75	30	
4-Nitrophenol	1820	µg/kg	604	2178.1	<128	83.6	44-106	1.58	30	
Acenaphthene	1800	µg/kg	12.1	2178.1	<7.88	82.7	60-101	1.84	30	
Acenaphthylene	1850	µg/kg	12.1	2178.1	<9.44	84.8	59-101	1.98	30	
Acetophenone	1730	µg/kg	59.9	2178.1	<8.53	79.3	54-102	2.25	30	
Anthracene	1880	µg/kg	12.1	2178.1	<7.68	86.1	63-96	1.47	30	
Atrazine	1850	µg/kg	59.9	2178.1	<31.9	84.9	60-110	0.109	30	
Benzaldehyde	260	µg/kg	121	2178.1	<83.7	12.0	10-143	1.15	30	
Benzo(a)anthracene	1870	µg/kg	12.1	2178.1	<9.41	85.7	66-102	0.517	30	
Benzo(a)pyrene	1970	µg/kg	12.1	2178.1	<6.68	90.5	66-105	1.11	30	
Benzo(b)fluoranthene	1910	µg/kg	12.1	2178.1	<8.12	87.6	67-105	0.578	30	
Benzo(g,h,i)perylene	2010	µg/kg	12.1	2178.1	<8.35	92.4	59-110	2.41	30	
Benzo(k)fluoranthene	1890	µg/kg	12.1	2178.1	<8.25	86.6	68-106	1.23	30	
bis(2-Chloroethoxy)methane	1860	µg/kg	59.9	2178.1	<34.5	85.5	54-102	5.05	30	
bis(2-Chloroethyl) ether	1810	µg/kg	59.9	2178.1	<15.4	82.9	51-101	4.71	30	
Butyl benzyl phthalate	1970	µg/kg	121	2178.1	<68.2	90.5	59-107	1.23	30	
Caprolactam	1950	µg/kg	59.9	2178.1	<49.2	89.3	49-103	0.622	30	
Carbazole	1850	µg/kg	59.9	2178.1	<16.1	84.8	63-103	1.32	30	
Chrysene	1910	µg/kg	12.1	2178.1	<9.30	87.7	66-105	0.463	30	
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	2070	µg/kg	59.9	2178.1	<45.0	95.2	63-101	0.947	30	
Dibenz(a,h) anthracene	2020	µg/kg	59.9	2178.1	<5.88	92.7	61-109	2.74	30	
Dibenzofuran	1790	µg/kg	59.9	2178.1	<8.01	82.0	61-101	0.871	30	
Diethyl phthalate	1820	µg/kg	59.9	2178.1	<18.5	83.5	63-105	0.975	30	
Dimethyl phthalate	1840	µg/kg	59.9	2178.1	<10.6	84.3	64-104	3.39	30	
Fluoranthene	1870	µg/kg	12.1	2178.1	<5.23	86.1	66-105	1.12	30	
Fluorene	1780	µg/kg	12.1	2178.1	<7.91	81.9	62-101	0.627	30	
Hexachlorobenzene	1860	µg/kg	59.9	2178.1	<15.8	85.2	61-104	1.55	30	
Hexachlorobutadiene	1830	µg/kg	59.9	2178.1	<12.8	83.8	52-99	1.21	30	
Hexachlorocyclopentadiene	1580	µg/kg	59.9	2178.1	<53.3	72.7	39-106	0.0977	30	
Hexachloroethane	1810	µg/kg	59.9	2178.1	<22.5	83.1	59-99	4.26	30	
Indeno(1,2,3-cd) pyrene	2090	µg/kg	12.1	2178.1	<7.58	96.2	57-114	3.71	30	
Isophorone	1890	µg/kg	302	2178.1	<10.6	86.9	55-101	2.99	30	
Methylphenol, Total	3270	µg/kg	67.0	4357.8	<14.7	75.1	54-103	0.258	30	
Naphthalene	1840	µg/kg	12.1	2178.1	<6.96	84.3	54-99	0.964	30	
Nitrobenzene	1970	µg/kg	302	2178.1	<18.3	90.5	53-100	0.109	30	
n-Nitrosodi-n-propylamine	1840	µg/kg	59.9	2178.1	<8.99	84.6	52-104	7.75	30	
N-Nitrosodiphenylamine	1890	µg/kg	59.9	2178.1	<31.5	86.6	61-104	0.180	30	
Pentachlorophenol	1790	µg/kg	59.9	2178.1	<43.3	82.0	35-100	3.76	30	
Phenanthrene	1880	µg/kg	12.1	2178.1	<5.07	86.5	64-101	0.996	30	

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2422965	**Run ID:**	3835774

MSD	**CLIENT ID: Batch QC**	**Lab ID: QC-2422965-006**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 01/21/26 17:35

Prep Date: 01/20/26 13:30

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Phenol	1740	µg/kg	59.9	2178.1	<27.4	79.7	51-107	5.30	30	
Pyrene	1900	µg/kg	12.1	2178.1	<5.43	87.2	52-114	0.281	30	
Pyridine	1650	µg/kg	302	2178.1	<107	75.6	40-84	3.05	30	
Surr: 2,4,6-Tribromophenol	***4400***	*µg/kg*		5446.1		80.8	*48-94*	0.686	30	
Surr: 2-Fluorobiphenyl	***4290***	*µg/kg*		5446.1		78.7	*50-103*	0.835	30	
Surr: 2-Fluorophenol	***4300***	*µg/kg*		5446.1		79.0	*43-105*	0.526	30	
Surr: 4-Terphenyl-d14	***4530***	*µg/kg*		5446.1		83.1	*55-111*	0.828	30	
Surr: Nitrobenzene-d5	***5300***	*µg/kg*		5446.1		97.3	*47-100*	0.601	30	
Surr: Phenol-d6	***4460***	*µg/kg*		5446.1		81.9	*49-110*	4.54	30	

The following samples were analyzed in this batch: HN2600834-001, HN2600834-002, HN2600834-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2422019	**Run ID:**	3833207

Volatile Organic Compounds by GC-MS

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2422019-001**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/20/26 15:20

Prep Date: 01/19/26 12:26

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

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2422019	**Run ID:**	3833207

MB **CLIENT ID: Method Blank** **Lab ID: QC-2422019-001**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/20/26 15:20

Prep Date: 01/19/26 12:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Isopropylbenzene	<19.0	µg/kg	30.0							U
m+p-Xylene	<40.0	µg/kg	60.0							U
Methyl acetate	<35.9	µg/kg	250							U
Methyl bromide (Bromomethane)	<57.4	µg/kg	100							U
Methyl chloride (Chloromethane)	<82.0	µg/kg	100							U
Methyl tert-butyl ether (MTBE)	<21.9	µg/kg	30.0							U
Methylcyclohexane	<11.4	µg/kg	30.0							U
Methylene chloride (Dichloromethane)	<79.6	µg/kg	250							U
o-Xylene	<11.6	µg/kg	30.0							U
Styrene	<11.9	µg/kg	30.0							U
Tetrachloroethylene (Perchloroethylene)	<18.1	µg/kg	30.0							U
Toluene	<24.7	µg/kg	30.0							U
Total Xylene	<11.6	µg/kg	90.0							U
trans-1,2-Dichloroethylene	<24.8	µg/kg	30.0							U
trans-1,3-Dichloropropylene	<16.8	µg/kg	30.0							U
Trichloroethene (Trichloroethylene)	<13.4	µg/kg	30.0							U
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	<15.3	µg/kg	30.0							U
Vinyl chloride (Chloroethene)	<19.9	µg/kg	30.0							U
Surr: 1,2-Dichloroethane-d4	***1040***	*µg/kg*		1000		104	*80-120*			
Surr: 4-Bromofluorobenzene	***1030***	*µg/kg*		1000		103	*80-120*			
Surr: Dibromofluoromethane	***1020***	*µg/kg*		1000		102	*72-120*			
Surr: Toluene-d8	***958***	*µg/kg*		1000		95.8	*80-120*			

LCS **CLIENT ID: Laboratory Control Sample** **Lab ID: QC-2422019-002**

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

Prep Date: 01/19/26 12:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	923	µg/kg	30.0	1000		92.3	75-121			
1,1,2,2-Tetrachloroethane	930	µg/kg	30.0	1000		93.0	79-125			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	956	µg/kg	30.0	1000		95.6	62-129			
1,1,2-Trichloroethane	936	µg/kg	30.0	1000		93.6	80-123			
1,1-Dichloroethane	873	µg/kg	30.0	1000		87.3	74-124			
1,1-Dichloroethylene	880	µg/kg	30.0	1000		88.0	68-131			
1,2,3-Trichlorobenzene	906	µg/kg	100	1000		90.6	60-135			
1,2,3-Trichloropropane	936	µg/kg	30.0	1000		93.6	77-121			
1,2,4-Trichlorobenzene	923	µg/kg	100	1000		92.3	63-130			
1,2,4-Trimethylbenzene	949	µg/kg	30.0	1000		94.9	64-126			
1,2-Dibromo-3-chloropropane (DBCP)	825	µg/kg	100	1000		82.5	55-135			
1,2-Dibromoethane (EDB, Ethylene dibromide)	971	µg/kg	30.0	1000		97.1	63-155			
1,2-Dichlorobenzene (o-Dichlorobenzene)	902	µg/kg	30.0	1000		90.2	77-122			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2422019	**Run ID:**	3833207

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2422019-002

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

Prep Date: 01/19/26 12:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,2-Dichloroethane (Ethylene dichloride)	948	µg/kg	100	1000		94.8	70-130			
1,2-Dichloropropane	876	µg/kg	30.0	1000		87.6	71-130			
1,3,5-Trimethylbenzene	981	µg/kg	100	1000		98.1	66-130			
1,3-Dichlorobenzene (m-Dichlorobenzene)	914	µg/kg	30.0	1000		91.4	78-121			
1,3-Dichloropropene	1790	µg/kg	60.0	2000		89.3	62-124			
1,4-Dichlorobenzene (p-Dichlorobenzene)	888	µg/kg	30.0	1000		88.8	78-122			
2-Butanone (Methyl ethyl ketone, MEK)	976	µg/kg	200	1000		97.6	47-164			
2-Hexanone	984	µg/kg	30.0	1000		98.4	70-137			
4-Methyl-2-pentanone (MIBK)	1560	µg/kg	30.0	1000		156	57-200			
Acetone	942	µg/kg	100	1000		94.2	52-190			
Benzene	941	µg/kg	30.0	1000		94.1	78-122			
Bromochloromethane	903	µg/kg	30.0	1000		90.3	68-130			
Bromodichloromethane	930	µg/kg	30.0	1000		93.0	75-125			
Bromoform	904	µg/kg	30.0	1000		90.4	59-120			
Carbon disulfide	1010	µg/kg	30.0	1000		101	60-163			
Carbon tetrachloride	902	µg/kg	30.0	1000		90.2	69-123			
Chlorobenzene	934	µg/kg	30.0	1000		93.4	79-120			
Chlorodibromomethane	924	µg/kg	30.0	1000		92.4	57-123			
Chloroethane (Ethyl chloride)	646	µg/kg	100	1000		64.6	38-132			
Chloroform	896	µg/kg	30.0	1000		89.6	72-122			
cis-1,2-Dichloroethylene	896	µg/kg	30.0	1000		89.6	74-125			
cis-1,3-Dichloropropene	902	µg/kg	30.0	1000		90.2	62-124			
Dichlorodifluoromethane (Freon-12)	538	µg/kg	100	1000		53.8	28-137			
Ethylbenzene	976	µg/kg	30.0	1000		97.6	75-121			
Isopropylbenzene	974	µg/kg	30.0	1000		97.4	74-121			
m+p-Xylene	2010	µg/kg	60.0	2000		101	67-129			
Methyl acetate	868	µg/kg	250	1000		86.8	61-125			
Methyl bromide (Bromomethane)	653	µg/kg	100	1000		65.3	31-169			
Methyl chloride (Chloromethane)	576	µg/kg	100	1000		57.6	24-119			
Methyl tert-butyl ether (MTBE)	930	µg/kg	30.0	1000		93.0	79-139			
Methylene chloride (Dichloromethane)	807	µg/kg	250	1000		80.7	62-135			
o-Xylene	977	µg/kg	30.0	1000		97.7	75-120			
Styrene	944	µg/kg	30.0	1000		94.4	74-126			
Tetrachloroethylene (Perchloroethylene)	1320	µg/kg	30.0	1000		132	76-128			S
Toluene	925	µg/kg	30.0	1000		92.5	76-120			
Total Xylene	2990	µg/kg	90.0	3000		99.6	67-129			
trans-1,2-Dichloroethylene	901	µg/kg	30.0	1000		90.1	72-127			
trans-1,3-Dichloropropylene	884	µg/kg	30.0	1000		88.4	66-120			
Trichloroethene (Trichloroethylene)	938	µg/kg	30.0	1000		93.8	75-122			
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	686	µg/kg	30.0	1000		68.6	51-115			
Vinyl chloride (Chloroethene)	611	µg/kg	30.0	1000		61.1	43-128			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2422019	**Run ID:**	3833207

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2422019-002**

Method: EPA 8260D | **Dilution:** 1 | **Analysis Date:** 01/20/26 14:21 | **Prep Date:** 01/19/26 12:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	***986***	*µg/kg*		1000		98.6	*80-120*			
Surr: 4-Bromofluorobenzene	***1010***	*µg/kg*		1000		101	*80-120*			
Surr: Dibromofluoromethane	***1010***	*µg/kg*		1000		101	*72-120*			
Surr: Toluene-d8	***992***	*µg/kg*		1000		99.2	*80-120*			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2422019-005**

Method: EPA 8260D | **Dilution:** 1 | **Analysis Date:** 01/20/26 22:10 | **Prep Date:** 01/19/26 12:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	1000	µg/kg	41.2	1011.1	<13.8	99.0	75-121			
1,1,2,2-Tetrachloroethane	798	µg/kg	41.2	1011.1	<13.4	78.9	79-125			S
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	828	µg/kg	41.2	1011.1	<19.2	81.8	62-129			
1,1,2-Trichloroethane	954	µg/kg	41.2	1011.1	<12.9	94.4	80-123			
1,1-Dichloroethane	914	µg/kg	41.2	1011.1	<11.1	90.4	74-124			
1,1-Dichloroethylene	816	µg/kg	41.2	1011.1	<9.83	80.8	68-131			
1,2,3-Trichlorobenzene	892	µg/kg	137	1011.1	<36.4	88.2	60-135			
1,2,3-Trichloropropane	926	µg/kg	41.2	1011.1	<12.7	91.6	77-121			
1,2,4-Trichlorobenzene	905	µg/kg	137	1011.1	<34.4	89.5	63-130			
1,2,4-Trimethylbenzene	1000	µg/kg	41.2	1011.1	<22.2	98.9	64-126			
1,2-Dibromo-3-chloropropane (DBCP)	803	µg/kg	137	1011.1	<27.9	79.4	55-135			
1,2-Dibromoethane (EDB, Ethylene dibromide)	968	µg/kg	41.2	1011.1	<17.8	95.8	63-155			
1,2-Dichlorobenzene (o-Dichlorobenzene)	910	µg/kg	41.2	1011.1	<11.5	90.0	77-122			
1,2-Dichloroethane (Ethylene dichloride)	969	µg/kg	137	1011.1	<26.6	95.8	70-130			
1,2-Dichloropropane	936	µg/kg	41.2	1011.1	<22.4	92.6	71-130			
1,3,5-Trimethylbenzene	1040	µg/kg	137	1011.1	<21.4	103	66-130			
1,3-Dichlorobenzene (m-Dichlorobenzene)	928	µg/kg	41.2	1011.1	<21.0	91.8	78-121			
1,3-Dichloropropene	1810	µg/kg	82.4	2022.2	<16.9	89.3	62-124			
1,4-Dichlorobenzene (p-Dichlorobenzene)	946	µg/kg	41.2	1011.1	<24.7	93.6	78-122			
2-Butanone (Methyl ethyl ketone, MEK)	1190	µg/kg	275	1011.1	<72.2	118	47-164			
2-Hexanone	1200	µg/kg	41.2	1011.1	<15.0	118	70-137			
4-Methyl-2-pentanone (MIBK)	1380	µg/kg	41.2	1011.1	<28.3	136	57-200			
Acetone	1700	µg/kg	137	1011.1	<90.0	169	52-190			
Benzene	994	µg/kg	41.2	1011.1	<14.7	98.4	78-122			
Bromochloromethane	944	µg/kg	41.2	1011.1	<15.4	93.4	68-130			
Bromodichloromethane	975	µg/kg	41.2	1011.1	<17.0	96.4	75-125			
Bromoform	892	µg/kg	41.2	1011.1	<12.8	88.2	59-120			
Carbon disulfide	800	µg/kg	41.2	1011.1	<15.7	79.1	60-163			
Carbon tetrachloride	939	µg/kg	41.2	1011.1	<11.9	92.9	69-123			
Chlorobenzene	981	µg/kg	41.2	1011.1	<10.1	97.0	79-120			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2422019	**Run ID:**	3833207

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2422019-005**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/20/26 22:10

Prep Date: 01/19/26 12:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chlorodibromomethane	905	µg/kg	41.2	1011.1	<17.0	89.6	57-123			
Chloroethane (Ethyl chloride)	283	µg/kg	137	1011.1	<84.9	28.0	38-132			S
Chloroform	945	µg/kg	41.2	1011.1	<11.1	93.5	72-122			
cis-1,2-Dichloroethylene	951	µg/kg	41.2	1011.1	<19.5	94.0	74-125			
cis-1,3-Dichloropropene	945	µg/kg	41.2	1011.1	<22.9	93.5	62-124			
Dichlorodifluoromethane (Freon-12)	214	µg/kg	137	1011.1	<36.7	21.2	28-137			S
Ethylbenzene	1040	µg/kg	41.2	1011.1	<21.5	103	75-121			
Isopropylbenzene	1060	µg/kg	41.2	1011.1	<19.2	104	74-121			
m+p-Xylene	2110	µg/kg	82.4	2022.2	<40.4	105	67-129			
Methyl acetate	1020	µg/kg	344	1011.1	<36.3	101	61-125			
Methyl bromide (Bromomethane)	205	µg/kg	137	1011.1	<58.0	20.3	31-169			S
Methyl chloride (Chloromethane)	306	µg/kg	137	1011.1	<82.9	30.2	24-119			
Methyl tert-butyl ether (MTBE)	892	µg/kg	41.2	1011.1	<22.1	88.2	79-139			
Methylene chloride (Dichloromethane)	574	µg/kg	344	1011.1	<80.5	56.8	62-135			S
o-Xylene	1030	µg/kg	41.2	1011.1	<11.7	102	75-120			
Styrene	988	µg/kg	41.2	1011.1	<12.0	97.8	74-126			
Tetrachloroethylene (Perchloroethylene)	1900	µg/kg	41.2	1011.1	<18.3	188	76-128			S
Toluene	989	µg/kg	41.2	1011.1	<25.0	97.8	76-120			
Total Xylene	3140	µg/kg	124	3033.4	<11.7	104	67-129			
trans-1,2-Dichloroethylene	905	µg/kg	41.2	1011.1	<25.0	89.6	72-127			
trans-1,3-Dichloropropylene	860	µg/kg	41.2	1011.1	<16.9	85.0	66-120			
Trichloroethene (Trichloroethylene)	1130	µg/kg	41.2	1011.1	<13.6	112	75-122			
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	552	µg/kg	41.2	1011.1	<15.5	54.6	51-115			
Vinyl chloride (Chloroethene)	355	µg/kg	41.2	1011.1	<20.2	35.1	43-128			S
Surr: 1,2-Dichloroethane-d4	***1010***	*µg/kg*		1011.1		99.6	*80-120*			
Surr: 4-Bromofluorobenzene	***1040***	*µg/kg*		1011.1		103	*80-120*			
Surr: Dibromofluoromethane	***978***	*µg/kg*		1011.1		96.8	*72-120*			
Surr: Toluene-d8	***978***	*µg/kg*		1011.1		96.7	*80-120*			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2422019-006**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/20/26 22:30

Prep Date: 01/19/26 12:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	988	µg/kg	41.2	1011.1	<13.8	97.8	75-121	1.22	30	
1,1,2,2-Tetrachloroethane	840	µg/kg	41.2	1011.1	<13.4	83.0	79-125	5.13	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	846	µg/kg	41.2	1011.1	<19.2	83.6	62-129	2.18	30	
1,1,2-Trichloroethane	994	µg/kg	41.2	1011.1	<12.9	98.4	80-123	4.10	30	
1,1-Dichloroethane	915	µg/kg	41.2	1011.1	<11.1	90.4	74-124	0.111	30	
1,1-Dichloroethylene	826	µg/kg	41.2	1011.1	<9.83	81.7	68-131	1.17	30	
1,2,3-Trichlorobenzene	992	µg/kg	137	1011.1	<36.4	98.2	60-135	10.7	30	
1,2,3-Trichloropropane	945	µg/kg	41.2	1011.1	<12.7	93.5	77-121	2.05	30	
1,2,4-Trichlorobenzene	993	µg/kg	137	1011.1	<34.4	98.2	63-130	9.27	30	

QA/QC Report

Client: The Mannik & Smith Group, Inc.
Project: 18866 Greeley
Matrix: SOIL/SOLID
QC Lot: 2422019

Work Order: HN2600834
Date Collected: NA
Date Received: NA
Run ID: 3833207

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2422019-006**

Method: EPA 8260D
Dilution: 1
Analysis Date: 01/20/26 22:30
Prep Date: 01/19/26 12:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	1040	µg/kg	41.2	1011.1	<22.2	102	64-126	3.48	30	
1,2-Dibromo-3-chloropropane (DBCP)	882	µg/kg	137	1011.1	<27.9	87.2	55-135	9.42	30	
1,2-Dibromoethane (EDB, Ethylene dibromide)	1010	µg/kg	41.2	1011.1	<17.8	99.9	63-155	4.24	30	
1,2-Dichlorobenzene (o-Dichlorobenzene)	1010	µg/kg	41.2	1011.1	<11.5	100	77-122	10.9	30	
1,2-Dichloroethane (Ethylene dichloride)	975	µg/kg	137	1011.1	<26.6	96.4	70-130	0.624	30	
1,2-Dichloropropane	928	µg/kg	41.2	1011.1	<22.4	91.8	71-130	0.922	30	
1,3,5-Trimethylbenzene	1080	µg/kg	137	1011.1	<21.4	106	66-130	3.20	30	
1,3-Dichlorobenzene (m-Dichlorobenzene)	1020	µg/kg	41.2	1011.1	<21.0	101	78-121	9.84	30	
1,3-Dichloropropene	1830	µg/kg	82.4	2022.2	<16.9	90.3	62-124	1.14	30	
1,4-Dichlorobenzene (p-Dichlorobenzene)	1020	µg/kg	41.2	1011.1	<24.7	101	78-122	7.65	30	
2-Butanone (Methyl ethyl ketone, MEK)	1100	µg/kg	275	1011.1	<72.2	109	47-164	7.45	30	
2-Hexanone	1170	µg/kg	41.2	1011.1	<15.0	116	70-137	1.96	30	
4-Methyl-2-pentanone (MIBK)	1390	µg/kg	41.2	1011.1	<28.3	138	57-200	1.02	30	
Acetone	1640	µg/kg	137	1011.1	<90.0	162	52-190	3.93	30	
Benzene	997	µg/kg	41.2	1011.1	<14.7	98.6	78-122	0.254	30	
Bromochloromethane	936	µg/kg	41.2	1011.1	<15.4	92.6	68-130	0.914	30	
Bromodichloromethane	969	µg/kg	41.2	1011.1	<17.0	95.8	75-125	0.624	30	
Bromoform	930	µg/kg	41.2	1011.1	<12.8	92.0	59-120	4.16	30	
Carbon disulfide	804	µg/kg	41.2	1011.1	<15.7	79.5	60-163	0.504	30	
Carbon tetrachloride	969	µg/kg	41.2	1011.1	<11.9	95.8	69-123	3.13	30	
Chlorobenzene	1020	µg/kg	41.2	1011.1	<10.1	101	79-120	3.89	30	
Chlorodibromomethane	978	µg/kg	41.2	1011.1	<17.0	96.7	57-123	7.68	30	
Chloroethane (Ethyl chloride)	280	µg/kg	137	1011.1	<84.9	27.7	38-132	1.08	30	S
Chloroform	956	µg/kg	41.2	1011.1	<11.1	94.5	72-122	1.06	30	
cis-1,2-Dichloroethylene	947	µg/kg	41.2	1011.1	<19.5	93.7	74-125	0.373	30	
cis-1,3-Dichloropropene	923	µg/kg	41.2	1011.1	<22.9	91.2	62-124	2.44	30	
Dichlorodifluoromethane (Freon-12)	222	µg/kg	137	1011.1	<36.7	22.0	28-137	3.48	30	S
Ethylbenzene	1070	µg/kg	41.2	1011.1	<21.5	105	75-121	2.01	30	
Isopropylbenzene	1090	µg/kg	41.2	1011.1	<19.2	108	74-121	3.35	30	
m+p-Xylene	2170	µg/kg	82.4	2022.2	<40.4	108	67-129	2.81	30	
Methyl acetate	1000	µg/kg	344	1011.1	<36.3	99.4	61-125	1.50	30	
Methyl bromide (Bromomethane)	212	µg/kg	137	1011.1	<58.0	21.0	31-169	3.39	30	S
Methyl chloride (Chloromethane)	331	µg/kg	137	1011.1	<82.9	32.7	24-119	7.78	30	
Methyl tert-butyl ether (MTBE)	884	µg/kg	41.2	1011.1	<22.1	87.4	79-139	0.911	30	
Methylene chloride (Dichloromethane)	638	µg/kg	344	1011.1	<80.5	63.0	62-135	10.5	30	
o-Xylene	1070	µg/kg	41.2	1011.1	<11.7	106	75-120	4.43	30	
Styrene	1020	µg/kg	41.2	1011.1	<12.0	101	74-126	3.27	30	
Tetrachloroethylene (Perchloroethylene)	1940	µg/kg	41.2	1011.1	<18.3	192	76-128	2.08	30	S
Toluene	1020	µg/kg	41.2	1011.1	<25.0	101	76-120	2.77	30	
Total Xylene	3250	µg/kg	124	3033.4	<11.7	107	67-129	3.34	30	

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2600834
Project:	18866 Greeley	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2422019	**Run ID:**	3833207

MSD	**CLIENT ID: Batch QC**	**Lab ID: QC-2422019-006**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 01/20/26 22:30

Prep Date: 01/19/26 12:26

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
trans-1,2-Dichloroethylene	917	µg/kg	41.2	1011.1	<25.0	90.7	72-127	1.28	30	
trans-1,3-Dichloropropylene	903	µg/kg	41.2	1011.1	<16.9	89.4	66-120	4.93	30	
Trichloroethene (Trichloroethylene)	1110	µg/kg	41.2	1011.1	<13.6	110	75-122	1.99	30	
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	558	µg/kg	41.2	1011.1	<15.5	55.2	51-115	1.00	30	
Vinyl chloride (Chloroethene)	366	µg/kg	41.2	1011.1	<20.2	36.2	43-128	2.95	30	S
Surr: 1,2-Dichloroethane-d4	***993***	*µg/kg*		1011.1		98.2	*80-120*	1.47	30	
Surr: 4-Bromofluorobenzene	***1030***	*µg/kg*		1011.1		102	*80-120*	0.979	30	
Surr: Dibromofluoromethane	***987***	*µg/kg*		1011.1		97.6	*72-120*	0.875	30	
Surr: Toluene-d8	***998***	*µg/kg*		1011.1		98.8	*80-120*	2.10	30	

The following samples were analyzed in this batch: HN2600834-001, HN2600834-002, HN2600834-003