DRAFT

FILL MATERIAL SAMPLING REPORT

11736 MENDOTA STREET
DETROIT, WAYNE COUNTY, MICHIGAN 48204

DECEMBER 8, 2025

PREPARED FOR:

THE CITY OF DETROIT DEMOLITION DEPARTMENT

1301 THIRD STREET, SUITE 606

DETROIT, MICHIGAN 48226

Mannik Smith GROUP

Fill Material Sampling Report

11736 Mendota Street
Detroit, Wayne County, Michigan 48204

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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 11736 Mendota Street, Detroit, Wayne County, Michigan (hereinafter, the "Site"). The Site location, as referenced to nearby roads and major geographic features, is shown on Figure *1, Site Location Map*. *Figure 2, Site Layout,* depicts the current layout of the Site.

This Executive Summary is provided to summarize the results of the work performed at the Site. The Executive Summary is general in nature and should not be used to replace or be considered apart from the entirety of this report.

The purpose of the work was to assist the COD's blight remediation efforts with the sampling and analysis of fill material at the Site through soil sample collection from pre-determined depths, as described in the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025. Sample analyses associated with this work included volatile organic compounds (VOCs); semi-volatile organic compounds (SVOCs); polychlorinated biphenyls (PCBs); arsenic, barium, cadmium, chromium, copper, lead, mercury, selenium, silver, and zinc (10 Michigan metals); chloride; herbicides; and pesticides. Analytical results were compared to the current generic residential cleanup criteria (GRCC) promulgated under Part 201 of the *Natural Resources and Environmental Protection Act* (NREPA), 1994 P.A. 451, as amended (Part 201).

Pursuant to a request by the COD, MSG has completed sampling and analysis of fill material at the Site, as described in the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025. Results of this work, which are subject to the limitations presented in *Appendix A, Limitations,* incorporated by reference herewith, revealed the following:

- The stratigraphy encountered during soil boring advancement of 11736 SB01, 11736 SB02, and 11736 SB03 generally consisted of a half foot of brown sandy clay underlain by brown sand with clay to six feet below ground surface (bgs), the maximum depth explored for this investigation. Field photoionization detector (PID) readings of the recovered soil cores ranged from 0.0 to 1.6 parts per million (ppm). There were no visual (staining) and/or olfactory (e.g., petroleum-like odors) indications of contamination observed during soil sampling activities; however, concrete and/or asphalt debris was observed in 11736 SB01 and 11736 SB03.
- Concentrations of arsenic and naphthalene were detected in soil samples 11736 SB01 (1-2'), 11736 SB02 (3-4'), and/or 11736 SB03 (5-6') in excess of their respective Part 201 groundwater surface water interface protection criteria (GSIPC) and/or drinking water protection criteria (DWPC).
- Concentrations of naphthalene were detected in soil sample 11736 SB02 (3-4') in excess of its respective soil volatilization to indoor air pathway (SVIAP).
- Concentrations of 1-methylnaphthalene, 2-methylnaphthalene, acenaphthene, arsenic, barium, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, cadmium, chromium (Total), chrysene, copper, fluoranthene, indeno(1,2,3-cd)pyrene, lead, naphthalene, phenanthrene, pyrene, and zinc were detected in soil samples 11736 SB01 (1-2'), 11736 SB02 (3-4'), and/or 11736 SB03 (5-6') at concentrations above laboratory method detection limits; however, detected concentrations were below their respective Part 201 GRCC and/or Statewide Default Background Levels.
- VOCs, PCBs, chloride, pesticides, and herbicides were not detected above laboratory method detection reporting limits.
- Groundwater was not encountered during soil boring activities completed as part of this investigation. Groundwater is not utilized as drinking water at or near the Site, as municipal water is supplied via the COD, and the general geology of the Site and surrounding area consists of fill materials underlain by clay overlying bedrock. Therefore, the drinking water (DW) exposure pathway can be considered not applicable. Additionally, groundwater was not encountered during this investigation to transport contaminants to either storm sewers or surface water and the clay layer also inhibits migration. Therefore, the groundwater surface water exposure pathway can be considered not applicable.

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

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

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1.0 INTRODUCTION

The Mannik & Smith Group, Inc. (MSG) was retained by the City of Detroit (COD) to conduct sampling and analysis of fill materials at the property commonly addressed as 11736 Mendota Street, Detroit, Wayne County, Michigan (hereinafter, the "Site"). The Site location as referenced to nearby roads and major geographic features is presented as *Figure 1, Site Location Map*. *Figure 2, Site Layout,* depicts the current layout of the Site.

The purpose of this work was to assist the COD's blight remediation efforts with the sampling and analysis of fill material at the Site through soil sample collection from pre-determined depths. The scope of work for this investigation was performed in general accordance with the COD's *Sampling and Analysis of Fill Materials Scope of Services*, dated June 17, 2025. This report presents the findings of this investigation. Soil samples were collected by MSG on November 20, 2025. 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 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 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 November 20, 2025. 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 11736 SB01, 11736 SB02, and 11736 SB03, using a direct push drill rig at the locations depicted on Figure 2. Photographs collected during 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 11736 SB01 (1-2'), 11736 SB02 (3-4'), and 11736 SB03 (5-6'), 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 November 20, 2025.

4.1 Site Geology and Hydrogeology

The stratigraphy encountered during soil boring advancement of 11736 SB01, 11736 SB02, and 11736 SB03 generally consisted of a half foot of brown sandy clay underlain by brown sand with clay to six feet bgs, the maximum depth explored for this investigation. Field PID readings of the recovered soil cores ranged from 0.0 to 1.6 ppm. There were no visual (staining) and/or olfactory (e.g., petroleum-like odors) indications of contamination observed during soil sampling activities; however, concrete and/or asphalt debris was observed in 11736 SB01 and 11736 SB03.

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

4.2 Soil Sample Analytical Results

Three (3) soil samples, designated 11736 SB01 (1-2'), 11736 SB02 (3-4'), and 11736 SB03 (5-6'), 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	11736 SB01 (1-2) 11736 SB02 (3-4) 11736 SB03 (5-6)	GSIPC[2] / 4,600 DWPC[3] / 4,600	6,680
Napthalene	91-20-3	11736 SB02 (3-4)	GSIPC / 730	4,090

[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 11736 SB01, 11736 SB02, and 11736 SB03 generally consisted of a half foot of brown sandy clay underlain by brown sand with clay to six feet bgs, the maximum depth explored for this investigation. Field PID readings of the recovered soil cores ranged from 0.0 to 1.6 ppm. There were no visual (staining) and/or olfactory (e.g., petroleum-like odors) indications of contamination observed during soil sampling activities; however, concrete and/or asphalt debris was observed in 11736 SB01 and 11736 SB03.
- Concentrations of arsenic and naphthalene were detected in soil samples 11736 SB01 (1-2'), 11736 SB02 (3-4'), and/or 11736 SB03 (5-6') in excess of their respective Part 201 groundwater surface water interface protection criteria (GSIPC) and/or drinking water protection criteria (DWPC).
- Concentrations of naphthalene were detected in soil sample 11736 SB02 (3-4') in excess of its respective soil volatilization to indoor air pathway (SVIAP).
- Concentrations of 1-methylnaphthalene, 2-methylnaphthalene, acenaphthene, arsenic, barium, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, cadmium, chromium (Total), chrysene, copper, fluoranthene, indeno(1,2,3-cd)pyrene, lead, naphthalene, phenanthrene, pyrene, and zinc were detected in soil samples 11736 SB01 (1-2'), 11736 SB02 (3-4'), and/or 11736 SB03 (5-6') 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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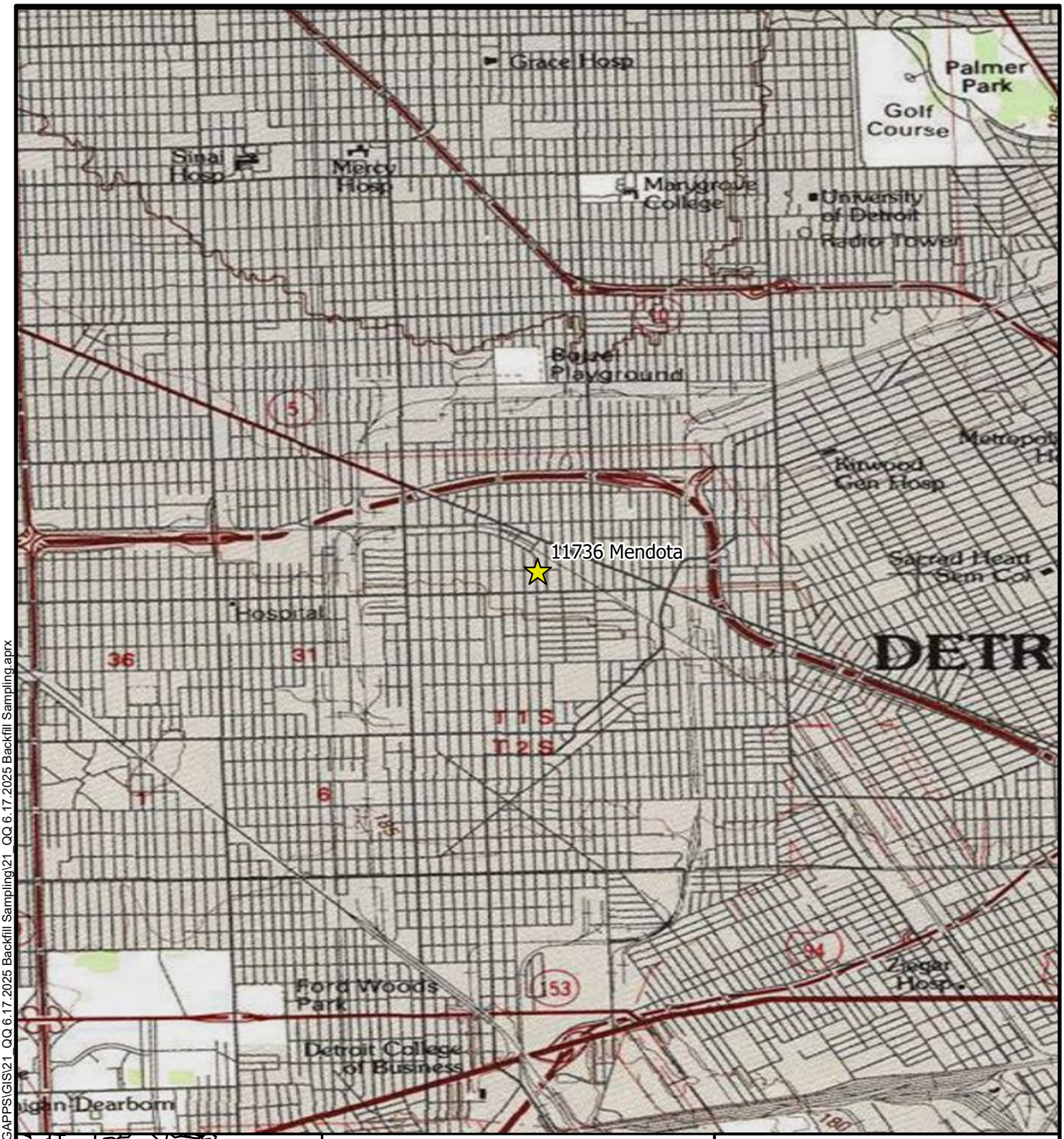
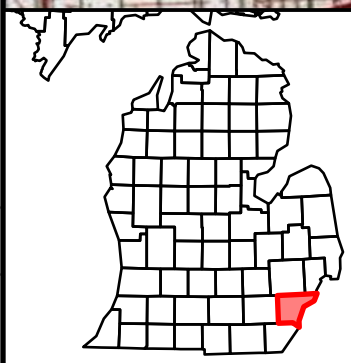
MSG has evaluated the analytical results of the fill material. Based upon the analytical results, we have determined that the material is contaminated above the state's Part 201 GRCC, as applicable.

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

0 0.5 1 Miles

Mannik Smith GROUP
TECHNICAL SKILL. CREATIVE SPIRIT.
www.MannikSmithGroup.com

FIGURE 1

SITE LOCATION

11736 Mendota, Detroit, MI

DATE	DRAWN BY	DESIGNED BY	PROJECT NO.
11/25/2025	JWW	JWW	DETR0060

Date Saved: 11/25/2025 6:31 PM Coordinate System: GCS WGS 1984
Path: W:\Projects\Projects A-E\DETR0060\ENGAPPS\GIS\21_QQ 6.17.2025 Backfill Sampling\21_QQ 6.17.2025 Backfill Sampling.aprx

Basemap Source: ESRI USA_Topo_Maps Web Service

MSG

0 20 40
Feet

- Sample Locations
- Subject Property
- Parcels (Current)
- All Roads

Notes
- Parcel boundaries are approximate
- Basemap Credits: Wayne - 2020 - 6in - 4-band:

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FIGURE 2

Site Layout

11736 Mendota, Detroit, MI

DATE	DRAWN BY	DESIGNED BY	PROJECT NO.
11/25/2025	JWW	KRB	DETR0060

Date Saved: 11/25/2025 6:31 PM
Path: W:\Projects\Projects A-E\DETR0060\ENGAPPS\GIS\21_QQ 6.17.2025 Backfill Sampling\21_QQ 6.17.2025 Backfill Sampling.aprx

TABLE

Table 1
Soil Sample Analytical Detection Summary
11736 Mendota
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 Units: µg/kg			Metals							Semivolatile Organic Compounds (SVOCs)									
			Arsenic (B)	Barium (B)	Cadmium (B)	Chromium, Total (B)	Copper (B)	Lead (B)	Zinc (B)	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Benzo(A)Anthracene	Benzo(A)Pyrene	Benzo(B)Fluoranthene	Benzo(G,H,I)Perylene	Benzo(K)Fluoranthene	Chrysene	Fluoranthene
CAS Number			7440-38-2	7440-39-3	7440-43-9	7440-47-3	7440-50-8	7439-92-1	7440-66-6	90-12-0	91-57-6	83-32-9	56-55-3	50-32-8	205-99-2	191-24-2	207-08-9	218-01-9	206-44-0
Statewide Default Background Levels			5,800	75,000	1,200	18,000	32,000	21,000	47,000	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
Drinking Water Protection Criteria (DWPC)			4,600	1.30E+06(G)	6,000(G)	30,000	5.80E+06(G)	7.00E+05(G)	2.40E+06	NC	57,000	3.00E+05	NLL	NLL	NLL	NLL	NLL	NLL	7.30E+05
Groundwater Surface Water Interface Protection Criteria (GSIPC)			4,600	4.40E+05(G)	3,600(G)	3.30E+03	73,000(G)	6.00E+06(G)	1.70E+05	NC	4,200	8,700	NLL	NLL	NLL	NLL	NLL	NLL	5,500
Soil Volatilization to Indoor Air Inhalation (SVIIC)			NLV	NLV	NLV	NLV	NLV	NLV	NC	NC	2.70E+06	1.90E+08	NLV	NLV	ID	NLV	NLV	ID	1.00E+09
Soil Volatilization to Indoor Air Pathway (SVIAP)			NC	NC	NC	NC	NC	NC	NC	NC	1,700	2.00E+05	1.60E+05(M)	NC	NC	NC	NC	NC	NC
Infinite Source Volatile Soil Inhalation Criteria (VSIC)			NLV	NLV	NLV	NLV	NLV	NLV	NC	NC	1.50E+06	8.10E+07	NLV	NLV	ID	NLV	NLV	ID	7.40E+08
Finite Source Volatile Soil Inhalation Criteria (5 m) (VSIC 5m)			NLV	NLV	NLV	NLV	NLV	NLV	NC	NC	1.50E+06	8.10E+07	NLV	NLV	ID	NLV	NLV	ID	7.40E+08
Finite Source Volatile Soil Inhalation Criteria (2 m) (VSIC 2m)			NLV	NLV	NLV	NC	NLV	NLV	NC	NC	1.50E+06	8.10E+07	NLV	NLV	ID	NLV	NLV	ID	7.40E+08
Particulate Soil Inhalation Criteria (PSIC)			7.20E+05	3.30E+08	1.70E+06	2.60E+05	1.30E+08	1.00E+08	NC	NC	6.70E+08	1.40E+10	ID	1.50E+06	ID	8.00E+08	ID	ID	9.30E+09
Direct Contact Criteria (DCC)			7,600	3.70E+07	5.50E+05	2.50E+06	2.00E+07	4.00E+05	1.70E+08	NC	8.10E+06	4.10E+07	20,000	2,000	20,000	2.50E+06	2.00E+05	2.00E+06	4.60E+07
Soil Saturation Concentration Screening Levels (Csat)			NA	NA	NA	NA	NA	NA	NC	NC	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sample ID	Sample Depth (ft)	Sample Date																	
11736 SB01	1-2	11/20/2025	**6,350**	**16,500**	**163**	**7,690**	**13,200**	**7,560**	**44,100**	<12.8	<9.04	<12.8	<15.4	<10.9	<13.2	<13.6	<13.5	<14.4	<8.53
11736 SB02	3-4	11/20/2025	**6,680**	**19,100**	**178**	**7,070**	**12,800**	**8,310**	**47,900**	**22.5**	**53.7**	**22.5**	**39.8**	**39.8**	**55.4**	**34.6**	**22.5**	**29.5**	**72.8**
11736 SB03	5-6	11/20/2025	**6,080**	**16,100**	**167**	**12,500**	**11,900**	**9,690**	**46,700**	<12.9	<9.1	<12.9	<15.5	**19.7**	**21.5**	<13.7	<13.6	<14.5	**17.9**

Notes

µg/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.

ND= No Detection above laboratory reporting limits

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

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
11736 Mendota
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 Units: µg/kg			Semivolatile Organic Compounds (SVOCs)				Inorganic Anions/Ions	Volatile Organic Compounds (VOCs)	Polychlorinated Biphenyls (PCBs)	Pesticides/Herbicides
			Indeno(1,2,3-Cd)Pyrene	Naphthalene	Phenanthrene	Pyrene	Chloride			
CAS Number			193-39-5	91-20-3	85-01-8	129-00-0	16887006			
Statewide Default Background Levels			NC	NC	NC	NC	NA			
Drinking Water Protection Criteria (DWPC)			NLL	35,000	56,000	4.80E+05[ID]	5.00E+06			
Groundwater Surface Water Interface Protection Criteria (GSIPC)			NLL	730	2,100	ID	(X)			
Soil Volatilization to Indoor Air Inhalation (SVIIC)			NLV	2.50E+05	2.80E+06	1.00E+09	NLV			
Soil Volatilization to Indoor Air Pathway (SVIAP)			NC	67[M]	1,700	2.50E+07	--			
Infinite Source Volatile Soil Inhalation Criteria (VSIC)			NLV	3.00E+05	1.60E+05	6.50E+08	NLV			
Finite Source Volatile Soil Inhalation Criteria (5 m) (VSIC 5m)			NLV	3.00E+05	1.60E+05	6.50E+08	NLV			
Finite Source Volatile Soil Inhalation Criteria (2 m) (VSIC 2m)			NLV	3.00E+05	1.60E+05	6.50E+08	NLV			
Particulate Soil Inhalation Criteria (PSIC)			ID	2.00E+08	6.70E+06	6.70E+09	ID			
Direct Contact Criteria (DCC)			20,000	1.60E+07	1.60E+06	2.90E+07	5.0E+5 (F)			
Soil Saturation Concentration Screening Levels (Csat)			NA	NA	NA	NA	NA			
Sample ID	Sample Depth (ft)	Sample Date								
11736 SB01	1-2	11/20/2025	<12.4	<11.4	<8.26	<8.87	ND	ND	ND	ND
11736 SB02	3-4	11/20/2025	**43.3**	**4,090**	**45**	**58.9**	ND	ND	ND	ND
11736 SB03	5-6	11/20/2025	**19.7**	<11.4	<8.32	**19.7**	ND	ND	ND	ND

Notes

µg/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.

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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: 11/20/2025 **Day:** Thursday
MSG Personnel: BMJ, JDF
Personnel: MSG
MSG Hours On-Site: ~ 1.5 hour

		(AM)		(PM)
Temp:	40º F	(AM)	N/A	(PM)
Cloud Cover:	100%	(AM)	N/A	(PM)
Precip.:	N/A	(AM)	N/A	(PM)

Contractors Information

Contractor:	No. Men and Type:	Equipment Type:
MSG	2; Geologist/ Helper	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:

- 1500 – MSG onsite (11736 Mendota Street)
- 1505 – Unloaded equipment and marked out boring locations
- 1512 – Began drilling SB03
- 1515 – Began drilling SB02
- 1518 – Began drilling SB01
- 1523 – Sampled 11736 SB03 (5-6')
- 1549 – Sampled 11736 SB02 (3-4')
- 1610 – Sampled 11736 SB01 (1-2')
- 1625 – 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 Site pre-drilling

Photo 2: Viewing 11736 SB01 recovery

Photo 3: Viewing 11736 SB02 recovery

Photo 4: Viewing 11736 SB03 recovery

Photo 5: Viewing Site and boring locations post-drilling

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_11736 Mendota
PROJECT LOCATION 11736 Mendota, Detroit, MI
DATE STARTED 11-20-2025 **COMPLETED** 11-20-2025
POSITION
DRILLING CONTRACTOR MSG
SURFACE ELEVATION **FINAL DEPTH** 6.0 ft
DRILLING METHOD Direct Push
LOGGED BY BMJ **CHECKED BY** PDH
EQUIPMENT Geoprobe 7822DT **Operator** JDF
REMARKS

DEPTH (ft)	SAMPLE INTERVALS	RECOVERY %	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (PPM)	REMARKS
				0.2 Dark brown sandy CLAY; dry		
				Brown SAND with clay, some gravel; dry		
				- Concrete debris observed between 0.25 and 3' bgs	0.2	Soil sample 11736 SB01 (1-2') collected at 16:10
					0.2	
	ES	83		3.0		
				3.2 Black ASPHALT	0.3	
				Brown SAND with clay; dry		
					0.4	
5				5.0		
				Dark gray CLAY; dry	0.4	
				5.5 - Asphalt debris observed between 5 and 6' bgs	0.2	
				5.8 CONCRETE		
				6.0 Black SAND; dry		
				Terminated at 6.00 ft.		
10						
15						

LEGEND:

- ▽ AT TIME OF DRILLING
- ▼ 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_11736 Mendota
PROJECT LOCATION 11736 Mendota, Detroit, MI
DATE STARTED 11-20-2025 **COMPLETED** 11-20-2025
POSITION
DRILLING CONTRACTOR MSG
SURFACE ELEVATION **FINAL DEPTH** 6.0 ft
DRILLING METHOD Direct Push
LOGGED BY BMJ **CHECKED BY** PDH
EQUIPMENT Geoprobe 7822DT **Operator** JDF
REMARKS

DEPTH (ft)	SAMPLE INTERVALS	RECOVERY %	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (PPM)	REMARKS
				0.5 Dark brown sandy CLAY, some gravel; dry		
				Brown SAND with clay, some gravel; dry	0	
					0	
	ES	83			0.2	Soil sample 11736 SB02 (3-4') collected at 15:49
					0.3	
5					0.3	
				5.5	0.4	
				5.8 Black ASPHALT		
				6.0 Light brown SAND; dry		
				Terminated at 6.00 ft.		
10						
15						

LEGEND:

- ▽ AT TIME OF DRILLING
- ▼ 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_11736 Mendota
PROJECT LOCATION 11736 Mendota, Detroit, MI
DATE STARTED 11-20-2025 **COMPLETED** 11-20-2025
POSITION
DRILLING CONTRACTOR MSG
SURFACE ELEVATION **FINAL DEPTH** 6.0 ft
DRILLING METHOD Direct Push
LOGGED BY BMJ **CHECKED BY** PDH
EQUIPMENT Geoprobe 7822DT **Operator** JDF
REMARKS

DEPTH (ft)	SAMPLE INTERVALS	RECOVERY %	GRAPHIC LOG	MATERIAL DESCRIPTION	PID (PPM)	REMARKS
				0.5 Dark brown sandy CLAY, some gravel; dry		
				Brown SAND with clay, some gravel; dry	0.2	
				- Concrete debris observed at 2' bgs	0.2	
	ES	67			0.2	
					0.3	
5				5.0		
				Brown sandy CLAY, some gravel; dry	1.6	
				- Becomes black SAND at 6' bgs	0.3	
				6.0		
				Terminated at 6.00 ft.		
10						
15						

LEGEND:

▽ **AT TIME OF DRILLING**
▼ **AT END OF DRILLING**
▼ **AFTER DRILLING**

APPENDIX E

LABORATORY ANALYTICAL REPORTS AND CHAIN OF CUSTODY FORMS

right solutions.
right partner.

December 02, 2025

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

Date Received: **11/22/2025**
Work Order: **HN2517803**

Re: **11736 Mendota**

Dear Ryan,

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

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

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

If you have any questions regarding this report, please feel free to contact me:
ADDRESS: 3352 128th Avenue, Holland, MI, USA PHONE: +1 (616) 399-6070 FAX: +1 (616) 399-6185

Kathy Jones-Gronda
/S/ KATHY JONES-GRONDA

Project Manager

Client: The Mannik & Smith Group, Inc. **Work Order:** HN2517803
Project: 11736 Mendota **Date Received:** 22-Nov-2025

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 22-Nov-2025. 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.

Organics

EPA 8270E-FULL HN-3546-S

Run ID: 3720518

The LCS recovery was below the lower control limit. The sample results for this batch may be biased low for this analyte: Benzaldehyde.

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

Run ID: 3732030

The Continuing Calibration Verification did not meet acceptance criteria with high bias, however, the sample results were non-detect for the following analytes: acetone
The LCS recovery was above the upper control limit. All the sample results in the batch were non-detect. No qualification is necessary for this analyte: carbon tetrachloride

Metals

EPA 6020B-3050B-S

Run ID: 3721582

HN2517803-001: Silver - The reporting limit is elevated due to dilution for high concentrations of non-target analytes.Se Ag

HN2517803-001: Selenium - The reporting limit is elevated due to dilution for high concentrations of non-target analytes.Se Ag
HN2517803-002: Selenium - The reporting limit is elevated due to dilution for high concentrations of non-target analytes.Se Ag
HN2517803-002: Silver - The reporting limit is elevated due to dilution for high concentrations of non-target analytes.Se Ag

HN2517803-003: Silver - The reporting limit is elevated due to dilution for high concentrations of non-target analytes.Se Ag

HN2517803-003: Selenium - The reporting limit is elevated due to dilution for high concentrations of non-target analytes.Se Ag

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: 11736 SB01 (1-2)		Lab ID: HN2517803-001			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**
Arsenic	6.35		3.30	mg/kg	EPA 6020B
Barium	16.5		0.330	mg/kg	EPA 6020B
Cadmium	0.163		0.132	mg/kg	EPA 6020B
Chromium	7.69		3.30	mg/kg	EPA 6020B
Copper	13.2		3.30	mg/kg	EPA 6020B
Lead	7.56		0.330	mg/kg	EPA 6020B
Percent Moisture	6.2		0.1	%	EPA 3550C
Zinc	44.1		6.59	mg/kg	EPA 6020B

CLIENT ID: 11736 SB02 (3-4)		Lab ID: HN2517803-002			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**
1-Methylnaphthalene	22.5		17.3	µg/kg	EPA 8270E
2-Methylnaphthalene	53.7		17.3	µg/kg	EPA 8270E
Acenaphthene	22.5		17.3	µg/kg	EPA 8270E
Arsenic	6.68		3.20	mg/kg	EPA 6020B
Barium	19.1		0.320	mg/kg	EPA 6020B
Benzo(a)anthracene	39.8		17.3	µg/kg	EPA 8270E
Benzo(a)pyrene	39.8		17.3	µg/kg	EPA 8270E
Benzo(b)fluoranthene	55.4		17.3	µg/kg	EPA 8270E
Benzo(g,h,i)perylene	34.6		17.3	µg/kg	EPA 8270E
Benzo(k)fluoranthene	22.5		17.3	µg/kg	EPA 8270E
Cadmium	0.178		0.128	mg/kg	EPA 6020B
Chromium	7.07		3.20	mg/kg	EPA 6020B
Chrysene	29.5		17.3	µg/kg	EPA 8270E
Copper	12.8		3.20	mg/kg	EPA 6020B
Fluoranthene	72.8		17.3	µg/kg	EPA 8270E
Indeno(1,2,3-cd) pyrene	43.3		17.3	µg/kg	EPA 8270E
Lead	8.31		0.320	mg/kg	EPA 6020B
Naphthalene	4090		17.3	µg/kg	EPA 8270E
Percent Moisture	6.0		0.1	%	EPA 3550C
Phenanthrene	45.0		17.3	µg/kg	EPA 8270E
Pyrene	58.9		17.3	µg/kg	EPA 8270E
Zinc	47.9		6.40	mg/kg	EPA 6020B

CLIENT ID: 11736 SB03 (5-6)		Lab ID: HN2517803-003			
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**
Arsenic	6.08		3.21	mg/kg	EPA 6020B
Barium	16.1		0.321	mg/kg	EPA 6020B
Benzo(a)pyrene	19.7		17.9	µg/kg	EPA 8270E
Benzo(b)fluoranthene	21.5		17.9	µg/kg	EPA 8270E
Cadmium	0.167		0.128	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: 11736 SB03 (5-6)			Lab ID: HN2517803-003		
Analyte	**Results**	**Flag**	**MRL**	**Units**	**Method**
Chromium	12.5		3.21	mg/kg	EPA 6020B
Copper	11.9		3.21	mg/kg	EPA 6020B
Fluoranthene	17.9		17.9	µg/kg	EPA 8270E
Indeno(1,2,3-cd) pyrene	19.7		17.9	µg/kg	EPA 8270E
Lead	9.69		0.321	mg/kg	EPA 6020B
Percent Moisture	7.8		0.1	%	EPA 3550C
Pyrene	19.7		17.9	µg/kg	EPA 8270E
Zinc	46.7		6.42	mg/kg	EPA 6020B

SAMPLE SUMMARY

Client: The Mannik & Smith Group, Inc.
Project: 11736 Mendota
Workorder: HN2517803

Laboratory Sample ID	Client Sample ID	Sample Matrix	Collection Date	Date Received
HN2517803-001	11736 SB01 (1-2)	SOIL/SOLID	11/20/25 16:10	11/22/25 08:00
HN2517803-002	11736 SB02 (3-4)	SOIL/SOLID	11/20/25 15:49	11/22/25 08:00
HN2517803-003	11736 SB03 (5-6)	SOIL/SOLID	11/20/25 15:23	11/22/25 08:00

ALS Environmental

Laboratory location:

Chain of Custody Form

Page 1 of 1

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

Customer Information		Project Information		Parameter/Method Request for Analysis	
Purchase Order		Project Name	11736 Mendota	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	The Mannik and Smith Group	Bill To Company	The Mannik and Smith Group	C	PCBs (U.S. EPA Method 8082)
Send Report To	Ryan Montri	Invoice Attn.		D	Mi 10 Metals (U.S. EPA 6000/7000 Series Methods)
Address	2365 Haggerty Rd South Suite 100	Address	2365 Haggerty Rd South Suite 100	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	11736 SB01 (1-2')	11-20-25	1610	Soil	7	4	✓	✓	✓	✓	✓	✓	✓				
2	)			Soil	7	4											✓
3	11736 SB02 (3-4')		1549	Soil	7	4	✓	✓	✓	✓	✓	✓	✓				
4	)			Soil	7	4											✓
5	11736 SB03 (5-6')		1523	Soil	7	4	✓	✓	✓	✓	✓	✓	✓				
6				Soil	7	4											✓
7																	
8																	
9																	
10																	

Sampler(s): Please Print & Sign: Brock Johnson

Shipment Method:

Required Turnaround Time: ☐ STD 10 Wk Days ☐ 5 Wk Days ☐ 2 Wk Days ☐ 24 Hour ☑ Other 72HR

Results Due Date:

Relinquished by:	**Date:** 11/21/25	**Time:** 16:25	**Received by:**	**Notes:** Quote# HN-061825-M&S-MA	
Relinquished by:	**Date:** 11/21/25	**Time:** 1700	**Received by (Laboratory):**	**Cooler Temp.**	**QC Package: (Check Box Below**
Logged by (Laboratory): AB	**Date:** 11/22/25	**Time:** 1517	**Checked by (Laboratory):**	1.3c IR6	✓ Level II: Standard QC; Level III: Std QC + Raw Da; 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

Environmental Division Holland
Work Order Reference
HN2517803

Telephone : +1 616 399 6070

ALS Holland
3352 128th Ave., Holland MI 49424

ALS Holland Sample Receiving Checklist

Received by:	Alyssa B
Date/Time:	11/22/25 0800
Carrier Name:	QS
Shipping container/cooler in good condition?	(Yes) / No / Not Present
Custody seals intact on shipping container/cooler?	Yes / No / (Not Present)
Custody seals intact on sample bottles?	Yes / (No) / Not Present
Chain of Custody present?	(Yes) / No
COC signed when relinquished and received?	(Yes) / No
COC agrees with sample labels?	(Yes) / No
Samples in proper container/bottle?	(Yes) / No
Sample containers intact?	(Yes) / No
Sufficient sample volume for indicated test?	(Yes) / No
All samples received within holding time?	(Yes) / No
Container/Temp Blank temperature in compliance?	(Yes) / No
Temperature(s) (°C):	1.3c/1.3c
Thermometer(s):	IR6
Sample(s) received on ice?	(Yes) / No
Matrix/Matrices:	Soil
Cooler(s)/Kit(s):	—
Date/Time sample(s) sent to storage:	11/22/25 1517
Water – VOA vials have zero headspace?	Yes / No / (No Vials)
Water – pH acceptable upon receipt?	Yes / No / (N/A)
pH strip lot #: —	< 2 _____ > 12 _____ Other _____
pH adjusted (note adjustments below)?	Yes / No / (N/A)
pH adjusted by:	—

Login Notes:

HN-SHT-160-R01, Sample Receipt Checklist

REPORT QUALIFIERS AND DEFINITIONS

*	Value exceeds Regulatory Limit (if MCL displayed)
a	Analyte is non-accredited
B	Analyte detected in the associated Method Blank above the 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:** HN2517803
Project: 11736 Mendota

Sample Name: 11736 SB01 (1-2) **Date Collected:** 11/20/25
Laboratory Code: HN2517803-001 **Date Received:** 11/22/25
Sample Matrix: SOIL/SOLID

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		001-AB	2352281		3713528	Nicole Maleski
EPA 6020B	EPA 3050B	001-AA	2352171	Weston Kotecki	3718909	Denise Coffey
EPA 6020B	EPA 3050B	001-AA	2352171	Weston Kotecki	3721582	Denise Coffey
EPA 7471B	Method	001-AA	2354069	Maxx Richey	3720385	Denise Coffey
EPA 8081B	EPA 3546	001-AB	2352181	Mya Harmer	3717283	Sam Bruzan
EPA 8082A	EPA 3546	001-AA	2352179	Mya Harmer	3717384	Sam Bruzan
EPA 8151A	Method	001-AB	2354018	Willow Julien	3727377	Kathy Malmyga
EPA 8260D	EPA 5035A	001-AC	2352453	Jonathan Vazquez	3732030	Nathan Jenkins
EPA 8270E	EPA 3546	001-AA	2352613	Erin Wall	3720518	Erin Wall
EPA 9056A	EPA 9056A	001-AA	2352302	Sage Hansen	3719510	Sage Hansen

Sample Name: 11736 SB02 (3-4) **Date Collected:** 11/20/25
Laboratory Code: HN2517803-002 **Date Received:** 11/22/25
Sample Matrix: SOIL/SOLID

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		002-AB	2352281		3713528	Nicole Maleski
EPA 6020B	EPA 3050B	002-AA	2352171	Weston Kotecki	3721582	Denise Coffey
EPA 6020B	EPA 3050B	002-AA	2352171	Weston Kotecki	3718909	Hunter Johnson
EPA 7471B	Method	002-AA	2354069	Maxx Richey	3720385	Denise Coffey
EPA 8081B	EPA 3546	002-AB	2352181	Mya Harmer	3717283	Sam Bruzan
EPA 8082A	EPA 3546	002-AA	2352179	Mya Harmer	3717384	Sam Bruzan
EPA 8151A	Method	002-AB	2354018	Willow Julien	3727377	Kathy Malmyga
EPA 8260D	EPA 5035A	002-AC	2352453	Jonathan Vazquez	3732030	Nathan Jenkins
EPA 8270E	EPA 3546	002-AA	2352613	Erin Wall	3720518	Erin Wall
EPA 9056A	EPA 9056A	002-AA	2352302	Sage Hansen	3719510	Sage Hansen

ANALYST SUMMARY

Client: The Mannik & Smith Group, Inc. **Work Order:** HN2517803
Project: 11736 Mendota

Sample Name: 11736 SB03 (5-6) **Date Collected:** 11/20/25
Laboratory Code: HN2517803-003 **Date Received:** 11/22/25
Sample Matrix: SOIL/SOLID

Analysis Method	Preparation Method	Container ID	Preparation Lot	Prepared By	Analysis Lot	Analyzed By
EPA 3550C		003-AB	2352281		3713528	Nicole Maleski
EPA 6020B	EPA 3050B	003-AA	2352171	Weston Kotecki	3721582	Denise Coffey
EPA 6020B	EPA 3050B	003-AA	2352171	Weston Kotecki	3718909	Hunter Johnson
EPA 7471B	Method	003-AA	2354069	Maxx Richey	3720385	Denise Coffey
EPA 8081B	EPA 3546	003-AB	2352181	Mya Harmer	3717283	Sam Bruzan
EPA 8082A	EPA 3546	003-AA	2352179	Mya Harmer	3717384	Sam Bruzan
EPA 8151A	Method	003-AB	2354018	Willow Julien	3727377	Kathy Malmyga
EPA 8260D	EPA 5035A	003-AC	2352453	Jonathan Vazquez	3732030	Nathan Jenkins
EPA 8270E	EPA 3546	003-AA	2352613	Erin Wall	3720518	Erin Wall
EPA 9056A	EPA 9056A	003-AA	2352302	Sage Hansen	3719510	Sage Hansen

Analytical Report

Client: The Mannik & Smith Group, Inc.
Project: 11736 Mendota
Matrix: SOIL/SOLID

Work Order: HN2517803
Date Collected: 11/20/25 16:10
Date Received: 11/22/25 08:00

CLIENT ID: 11736 SB01 (1-2) **Lab ID: HN2517803-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<1.49	U	µg/kg	8.09	1	12/01/25 19:13	11/25/25 14:47
2,4,5-TP (Silvex)	EPA 8151A	<2.65	U	µg/kg	8.09	1	12/01/25 19:13	11/25/25 14:47
2,4-D	EPA 8151A	<4.32	U	µg/kg	16.2	1	12/01/25 19:13	11/25/25 14:47
Surr: DCAA	*EPA 8151A*	***68.0***		*%REC*	*10-116*	*1*	*12/01/25 19:13*	*11/25/25 14:47*
General Chemistry Parameters								
Percent Moisture	EPA 3550C	**6.2**		%	0.1	1	11/24/25 14:39	NA
Chloride	EPA 9056A	<3.31	U	mg/kg	10.7	1	11/25/25 15:27	11/24/25 14:07
Metals								
Arsenic	EPA 6020B	**6.35**		mg/kg	3.30	10	11/26/25 18:17	11/24/25 10:07
Barium	EPA 6020B	**16.5**		mg/kg	0.330	1	11/26/25 09:59	11/24/25 10:07
Cadmium	EPA 6020B	**0.163**		mg/kg	0.132	1	11/26/25 09:59	11/24/25 10:07
Chromium	EPA 6020B	**7.69**		mg/kg	3.30	10	11/26/25 18:17	11/24/25 10:07
Copper	EPA 6020B	**13.2**		mg/kg	3.30	10	11/26/25 18:17	11/24/25 10:07
Lead	EPA 6020B	**7.56**		mg/kg	0.330	1	11/26/25 09:59	11/24/25 10:07
Selenium	EPA 6020B	<3.03	U	mg/kg	3.30	10	11/26/25 18:17	11/24/25 10:07
Silver	EPA 6020B	<0.435	U	mg/kg	3.30	10	11/26/25 18:17	11/24/25 10:07
Zinc	EPA 6020B	**44.1**		mg/kg	6.59	10	11/26/25 18:17	11/24/25 10:07
Mercury	EPA 7471B	<0.0136	U	mg/kg	0.0200	1	11/26/25 09:23	11/26/25 08:16
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<16.7	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
4,4'-DDE	EPA 8081B	<17.2	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
4,4'-DDT	EPA 8081B	<17.4	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
Aldrin	EPA 8081B	<17.0	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
alpha-BHC	EPA 8081B	<17.2	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
beta-BHC	EPA 8081B	<17.2	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
Chlordane, Technical	EPA 8081B	<25.9	U	µg/kg	65.3	1	11/25/25 08:57	11/24/25 08:44
cis-Chlordane	EPA 8081B	<17.5	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
delta-BHC	EPA 8081B	<17.1	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
Dieldrin	EPA 8081B	<18.3	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44

Client: The Mannik & Smith Group, Inc.
Project: 11736 Mendota
Matrix: SOIL/SOLID

Work Order: HN2517803
Date Collected: 11/20/25 16:10
Date Received: 11/22/25 08:00

CLIENT ID: 11736 SB01 (1-2) **Lab ID: HN2517803-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<17.6	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
Endosulfan II	EPA 8081B	<17.3	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
Endosulfan sulfate	EPA 8081B	<16.1	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
Endrin	EPA 8081B	<21.1	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
Endrin aldehyde	EPA 8081B	<16.6	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
Endrin ketone	EPA 8081B	<15.9	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
gamma-BHC (Lindane)	EPA 8081B	<17.2	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
Heptachlor	EPA 8081B	<16.9	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
Heptachlor epoxide	EPA 8081B	<17.3	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
Methoxychlor	EPA 8081B	<17.5	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
Toxaphene	EPA 8081B	<28.2	U	µg/kg	157	1	11/25/25 08:57	11/24/25 08:44
trans-Chlordane	EPA 8081B	<17.4	U	µg/kg	26.1	1	11/25/25 08:57	11/24/25 08:44
Surr: Decachlorobiphenyl	*EPA 8081B*	***105***		*%REC*	*53-151*	*1*	*11/25/25 08:57*	*11/24/25 08:44*
Surr: Tetrachloro-m-xylene	*EPA 8081B*	***95.4***		*%REC*	*67-127*	*1*	*11/25/25 08:57*	*11/24/25 08:44*
Polychlorinated Biphenyls (PCBs) by GC/ECD								
Aroclor 1016	EPA 8082A	<59.7	U	µg/kg	174	1	11/25/25 02:19	11/24/25 09:05
Aroclor 1221	EPA 8082A	<59.7	U	µg/kg	174	1	11/25/25 02:19	11/24/25 09:05
Aroclor 1232	EPA 8082A	<59.7	U	µg/kg	174	1	11/25/25 02:19	11/24/25 09:05
Aroclor 1242	EPA 8082A	<59.7	U	µg/kg	174	1	11/25/25 02:19	11/24/25 09:05
Aroclor 1248	EPA 8082A	<59.7	U	µg/kg	174	1	11/25/25 02:19	11/24/25 09:05
Aroclor 1254	EPA 8082A	<48.7	U	µg/kg	174	1	11/25/25 02:19	11/24/25 09:05
Aroclor 1260	EPA 8082A	<48.7	U	µg/kg	174	1	11/25/25 02:19	11/24/25 09:05
Aroclor 1262	EPA 8082A	<48.7	U	µg/kg	174	1	11/25/25 02:19	11/24/25 09:05
Aroclor 1268	EPA 8082A	<48.7	U	µg/kg	174	1	11/25/25 02:19	11/24/25 09:05
Total PCB	EPA 8082A	<48.7	U	µg/kg	174	1	11/25/25 02:19	11/24/25 09:05
Surr: Decachlorobiphenyl	*EPA 8082A*	***115***		*%REC*	*54-146*	*1*	*11/25/25 02:19*	*11/24/25 09:05*
Surr: Tetrachloro-m-xylene	*EPA 8082A*	***94.6***		*%REC*	*58-140*	*1*	*11/25/25 02:19*	*11/24/25 09:05*
Semivolatile Organic Compounds by GC-MS								
1,1'-Biphenyl (BZ-0)	EPA 8270E	<14.4	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<20.5	U	µg/kg	888	1	11/25/25 20:54	11/25/25 15:27

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	11/20/25 16:10
Matrix:	SOIL/SOLID	**Date Received:**	11/22/25 08:00

CLIENT ID: 11736 SB01 (1-2) **Lab ID: HN2517803-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<63.7	U	µg/kg	444	1	11/25/25 20:54	11/25/25 15:27
1-Methylnaphthalene	EPA 8270E	<12.8	U	µg/kg	17.8	1	11/25/25 20:54	11/25/25 15:27
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<20.8	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
2,3,4,6-Tetrachlorophenol	EPA 8270E	<65.1	U	µg/kg	178	1	11/25/25 20:54	11/25/25 15:27
2,4,5-Trichlorophenol	EPA 8270E	<52.6	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
2,4,6-Trichlorophenol	EPA 8270E	<23.6	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
2,4-Dichlorophenol	EPA 8270E	<47.8	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
2,4-Dimethylphenol	EPA 8270E	<45.7	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
2,4-Dinitrophenol	EPA 8270E	<650	U	µg/kg	888	1	11/25/25 20:54	11/25/25 15:27
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<57.7	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<22.7	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
2-Chloronaphthalene	EPA 8270E	<12.4	U	µg/kg	17.8	1	11/25/25 20:54	11/25/25 15:27
2-Chlorophenol	EPA 8270E	<58.1	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<74.2	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
2-Methylnaphthalene	EPA 8270E	<9.04	U	µg/kg	17.8	1	11/25/25 20:54	11/25/25 15:27
2-Methylphenol (o-Cresol)	EPA 8270E	<24.0	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
2-Nitroaniline	EPA 8270E	<49.3	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
2-Nitrophenol	EPA 8270E	<25.3	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
3&4-Methylphenol	EPA 8270E	<48.4	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
3,3'-Dichlorobenzidine	EPA 8270E	<41.5	U	µg/kg	444	1	11/25/25 20:54	11/25/25 15:27
3-Nitroaniline	EPA 8270E	<51.6	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<48.7	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
4-Chloro-3-methylphenol	EPA 8270E	<25.3	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
4-Chloroaniline	EPA 8270E	<45.2	U	µg/kg	178	1	11/25/25 20:54	11/25/25 15:27
4-Chlorophenyl phenylether	EPA 8270E	<24.6	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
4-Nitroaniline	EPA 8270E	<138	U	µg/kg	444	1	11/25/25 20:54	11/25/25 15:27
4-Nitrophenol	EPA 8270E	<208	U	µg/kg	888	1	11/25/25 20:54	11/25/25 15:27
Acenaphthene	EPA 8270E	<12.8	U	µg/kg	17.8	1	11/25/25 20:54	11/25/25 15:27

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Project:	11736 Mendota	**Date Collected:**	11/20/25 16:10
Matrix:	SOIL/SOLID	**Date Received:**	11/22/25 08:00

CLIENT ID: 11736 SB01 (1-2) **Lab ID: HN2517803-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<15.4	U	µg/kg	17.8	1	11/25/25 20:54	11/25/25 15:27
Acetophenone	EPA 8270E	<13.9	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
Anthracene	EPA 8270E	<12.5	U	µg/kg	17.8	1	11/25/25 20:54	11/25/25 15:27
Atrazine	EPA 8270E	<52.1	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
Benzaldehyde	EPA 8270E	<136	SU	µg/kg	178	1	11/25/25 20:54	11/25/25 15:27
Benzo(a)anthracene	EPA 8270E	<15.4	U	µg/kg	17.8	1	11/25/25 20:54	11/25/25 15:27
Benzo(a)pyrene	EPA 8270E	<10.9	U	µg/kg	17.8	1	11/25/25 20:54	11/25/25 15:27
Benzo(b)fluoranthene	EPA 8270E	<13.2	U	µg/kg	17.8	1	11/25/25 20:54	11/25/25 15:27
Benzo(g,h,i)perylene	EPA 8270E	<13.6	U	µg/kg	17.8	1	11/25/25 20:54	11/25/25 15:27
Benzo(k)fluoranthene	EPA 8270E	<13.5	U	µg/kg	17.8	1	11/25/25 20:54	11/25/25 15:27
bis(2-Chloroethoxy) methane	EPA 8270E	<56.3	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
bis(2-Chloroethyl) ether	EPA 8270E	<25.2	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
Butyl benzyl phthalate	EPA 8270E	<111	U	µg/kg	178	1	11/25/25 20:54	11/25/25 15:27
Caprolactam	EPA 8270E	<80.2	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
Carbazole	EPA 8270E	<26.2	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
Chrysene	EPA 8270E	<14.4	U	µg/kg	17.8	1	11/25/25 20:54	11/25/25 15:27
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	<73.5	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
Dibenz(a,h) anthracene	EPA 8270E	<9.60	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
Dibenzofuran	EPA 8270E	<13.1	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
Diethyl phthalate	EPA 8270E	<30.2	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
Dimethyl phthalate	EPA 8270E	<17.3	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
Fluoranthene	EPA 8270E	<8.53	U	µg/kg	17.8	1	11/25/25 20:54	11/25/25 15:27
Fluorene	EPA 8270E	<12.9	U	µg/kg	17.8	1	11/25/25 20:54	11/25/25 15:27
Hexachlorobenzene	EPA 8270E	<25.9	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
Hexachlorobutadiene	EPA 8270E	<20.9	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
Hexachlorocyclopentadiene	EPA 8270E	<84.2	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
Hexachloroethane	EPA 8270E	<36.8	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
Indeno(1,2,3-cd) pyrene	EPA 8270E	<12.4	U	µg/kg	17.8	1	11/25/25 20:54	11/25/25 15:27
Isophorone	EPA 8270E	<17.4	U	µg/kg	444	1	11/25/25 20:54	11/25/25 15:27
Methylphenol, Total	EPA 8270E	<24.0	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	11/20/25 16:10
Matrix:	SOIL/SOLID	**Date Received:**	11/22/25 08:00

CLIENT ID: 11736 SB01 (1-2) **Lab ID: HN2517803-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<11.4	U	µg/kg	17.8	1	11/25/25 20:54	11/25/25 15:27
Nitrobenzene	EPA 8270E	<29.9	U	µg/kg	444	1	11/25/25 20:54	11/25/25 15:27
n-Nitrosodi-n-propylamine	EPA 8270E	<14.7	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
N-Nitrosodiphenylamine	EPA 8270E	<51.5	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
Pentachlorophenol	EPA 8270E	<70.6	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
Phenanthrene	EPA 8270E	<8.26	U	µg/kg	17.8	1	11/25/25 20:54	11/25/25 15:27
Phenol	EPA 8270E	<44.6	U	µg/kg	88.0	1	11/25/25 20:54	11/25/25 15:27
Pyrene	EPA 8270E	<8.87	U	µg/kg	17.8	1	11/25/25 20:54	11/25/25 15:27
Pyridine	EPA 8270E	<175	U	µg/kg	444	1	11/25/25 20:54	11/25/25 15:27
Surr: 2,4,6-Tribromophenol	*EPA 8270E*	***78.1***		*%REC*	*48-94*	*1*	*11/25/25 20:54*	*11/25/25 15:27*
Surr: 2-Fluorobiphenyl	*EPA 8270E*	***77.5***		*%REC*	*50-103*	*1*	*11/25/25 20:54*	*11/25/25 15:27*
Surr: 2-Fluorophenol	*EPA 8270E*	***79.2***		*%REC*	*43-105*	*1*	*11/25/25 20:54*	*11/25/25 15:27*
Surr: 4-Terphenyl-d14	*EPA 8270E*	***83.7***		*%REC*	*55-111*	*1*	*11/25/25 20:54*	*11/25/25 15:27*
Surr: Nitrobenzene-d5	*EPA 8270E*	***75.1***		*%REC*	*47-100*	*1*	*11/25/25 20:54*	*11/25/25 15:27*
Surr: Phenol-d6	*EPA 8270E*	***78.1***		*%REC*	*49-110*	*1*	*11/25/25 20:54*	*11/25/25 15:27*
Volatile Organic Compounds by GC-MS								
1,1,1-Trichloroethane	EPA 8260D	<15.2	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
1,1,2,2-Tetrachloroethane	EPA 8260D	<14.8	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<21.2	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
1,1,2-Trichloroethane	EPA 8260D	<14.3	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
1,1-Dichloroethane	EPA 8260D	<12.2	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
1,1-Dichloroethylene	EPA 8260D	<10.9	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
1,2,3-Trichlorobenzene	EPA 8260D	<40.2	U	µg/kg	112	1	11/27/25 00:36	11/24/25 16:41
1,2,3-Trichloropropane	EPA 8260D	<14.0	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
1,2,4-Trichlorobenzene	EPA 8260D	<38.0	U	µg/kg	112	1	11/27/25 00:36	11/24/25 16:41
1,2,4-Trimethylbenzene	EPA 8260D	<24.6	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<30.9	U	µg/kg	112	1	11/27/25 00:36	11/24/25 16:41
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<19.7	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<12.7	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	11/20/25 16:10
Matrix:	SOIL/SOLID	**Date Received:**	11/22/25 08:00

CLIENT ID: 11736 SB01 (1-2) **Lab ID: HN2517803-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<19.7	U	µg/kg	112	1	11/27/25 00:36	11/24/25 16:41
1,2-Dichloropropane	EPA 8260D	<24.7	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
1,3,5-Trimethylbenzene	EPA 8260D	<23.7	U	µg/kg	112	1	11/27/25 00:36	11/24/25 16:41
1,3-Dichlorobenzene (m-Dichlorobenzene)	EPA 8260D	<23.2	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
1,3-Dichloropropene	EPA 8260D	<18.7	U	µg/kg	67.1	1	11/27/25 00:36	11/24/25 16:41
1,4-Dichlorobenzene (p-Dichlorobenzene)	EPA 8260D	<27.3	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<79.8	U	µg/kg	224	1	11/27/25 00:36	11/24/25 16:41
2-Hexanone	EPA 8260D	<16.6	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<31.3	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Acetone	EPA 8260D	<99.5	U	µg/kg	112	1	11/27/25 00:36	11/24/25 16:41
Benzene	EPA 8260D	<16.2	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Bromochloromethane	EPA 8260D	<17.1	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Bromodichloromethane	EPA 8260D	<18.8	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Bromoform	EPA 8260D	<14.1	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Carbon disulfide	EPA 8260D	<17.4	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Carbon tetrachloride	EPA 8260D	<13.1	SU	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Chlorobenzene	EPA 8260D	<11.1	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Chlorodibromomethane	EPA 8260D	<18.8	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Chloroethane (Ethyl chloride)	EPA 8260D	<93.9	U	µg/kg	112	1	11/27/25 00:36	11/24/25 16:41
Chloroform	EPA 8260D	<12.3	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
cis-1,2-Dichloroethylene	EPA 8260D	<21.6	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
cis-1,3-Dichloropropene	EPA 8260D	<25.3	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Cyclohexane	EPA 8260D	<25.7	U	µg/kg	112	1	11/27/25 00:36	11/24/25 16:41
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<40.6	U	µg/kg	112	1	11/27/25 00:36	11/24/25 16:41
Ethylbenzene	EPA 8260D	<23.8	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Isopropylbenzene	EPA 8260D	<21.2	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
m+p-Xylene	EPA 8260D	<44.7	U	µg/kg	67.1	1	11/27/25 00:36	11/24/25 16:41
Methyl acetate	EPA 8260D	<40.2	U	µg/kg	279	1	11/27/25 00:36	11/24/25 16:41
Methyl bromide (Bromomethane)	EPA 8260D	<64.1	U	µg/kg	112	1	11/27/25 00:36	11/24/25 16:41

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	11/20/25 16:10
Matrix:	SOIL/SOLID	**Date Received:**	11/22/25 08:00

CLIENT ID: 11736 SB01 (1-2) **Lab ID: HN2517803-001**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<91.7	U	µg/kg	112	1	11/27/25 00:36	11/24/25 16:41
Methyl tert-butyl ether (MTBE)	EPA 8260D	<24.5	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Methylcyclohexane	EPA 8260D	<12.8	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Methylene chloride (Dichloromethane)	EPA 8260D	<89.0	U	µg/kg	279	1	11/27/25 00:36	11/24/25 16:41
o-Xylene	EPA 8260D	<13.0	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Styrene	EPA 8260D	<13.3	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<20.2	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Toluene	EPA 8260D	<27.6	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Total Xylene	EPA 8260D	<13.0	U	µg/kg	101	1	11/27/25 00:36	11/24/25 16:41
trans-1,2-Dichloroethylene	EPA 8260D	<27.7	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
trans-1,3-Dichloropropylene	EPA 8260D	<18.7	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Trichloroethene (Trichloroethylene)	EPA 8260D	<15.0	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<17.1	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Vinyl chloride (Chloroethene)	EPA 8260D	<22.3	U	µg/kg	33.5	1	11/27/25 00:36	11/24/25 16:41
Surr: 1,2-Dichloroethane-d4	*EPA 8260D*	***111***		*%REC*	*80-120*	*1*	*11/27/25 00:36*	*11/24/25 16:41*
Surr: 4-Bromofluorobenzene	*EPA 8260D*	***97.6***		*%REC*	*80-120*	*1*	*11/27/25 00:36*	*11/24/25 16:41*
Surr: Dibromofluoromethane	*EPA 8260D*	***92.9***		*%REC*	*72-120*	*1*	*11/27/25 00:36*	*11/24/25 16:41*
Surr: Toluene-d8	*EPA 8260D*	***99.6***		*%REC*	*80-120*	*1*	*11/27/25 00:36*	*11/24/25 16:41*

Analytical Report

Client: The Mannik & Smith Group, Inc.
Project: 11736 Mendota
Matrix: SOIL/SOLID

Work Order: HN2517803
Date Collected: 11/20/25 15:49
Date Received: 11/22/25 08:00

CLIENT ID: 11736 SB02 (3-4) **Lab ID: HN2517803-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<1.46	U	µg/kg	7.94	1	12/01/25 19:26	11/25/25 14:47
2,4,5-TP (Silvex)	EPA 8151A	<2.60	U	µg/kg	7.94	1	12/01/25 19:26	11/25/25 14:47
2,4-D	EPA 8151A	<4.24	U	µg/kg	15.9	1	12/01/25 19:26	11/25/25 14:47
Surr: DCAA	*EPA 8151A*	***66.0***		*%REC*	*10-116*	*1*	*12/01/25 19:26*	*11/25/25 14:47*
General Chemistry Parameters								
Percent Moisture	EPA 3550C	**6.0**		%	0.1	1	11/24/25 14:39	NA
Chloride	EPA 9056A	<3.20	U	mg/kg	10.3	1	11/25/25 15:56	11/24/25 14:07
Metals								
Arsenic	EPA 6020B	**6.68**		mg/kg	3.20	10	11/26/25 18:19	11/24/25 10:07
Barium	EPA 6020B	**19.1**		mg/kg	0.320	1	11/26/25 10:03	11/24/25 10:07
Cadmium	EPA 6020B	**0.178**		mg/kg	0.128	1	11/26/25 10:03	11/24/25 10:07
Chromium	EPA 6020B	**7.07**		mg/kg	3.20	10	11/26/25 18:19	11/24/25 10:07
Copper	EPA 6020B	**12.8**		mg/kg	3.20	10	11/26/25 18:19	11/24/25 10:07
Lead	EPA 6020B	**8.31**		mg/kg	0.320	1	11/26/25 10:03	11/24/25 10:07
Selenium	EPA 6020B	<2.94	U	mg/kg	3.20	10	11/26/25 18:19	11/24/25 10:07
Silver	EPA 6020B	<0.422	U	mg/kg	3.20	10	11/26/25 18:19	11/24/25 10:07
Zinc	EPA 6020B	**47.9**		mg/kg	6.40	10	11/26/25 18:19	11/24/25 10:07
Mercury	EPA 7471B	<0.0136	U	mg/kg	0.0200	1	11/26/25 09:25	11/26/25 08:16
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<16.5	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
4,4'-DDE	EPA 8081B	<17.0	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
4,4'-DDT	EPA 8081B	<17.2	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
Aldrin	EPA 8081B	<16.8	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
alpha-BHC	EPA 8081B	<17.0	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
beta-BHC	EPA 8081B	<17.0	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
Chlordane, Technical	EPA 8081B	<25.6	U	µg/kg	64.6	1	11/25/25 09:12	11/24/25 08:44
cis-Chlordane	EPA 8081B	<17.3	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
delta-BHC	EPA 8081B	<16.9	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
Dieldrin	EPA 8081B	<18.1	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	11/20/25 15:49
Matrix:	SOIL/SOLID	**Date Received:**	11/22/25 08:00

CLIENT ID: 11736 SB02 (3-4) **Lab ID: HN2517803-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<17.4	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
Endosulfan II	EPA 8081B	<17.1	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
Endosulfan sulfate	EPA 8081B	<15.9	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
Endrin	EPA 8081B	<20.9	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
Endrin aldehyde	EPA 8081B	<16.4	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
Endrin ketone	EPA 8081B	<15.7	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
gamma-BHC (Lindane)	EPA 8081B	<16.9	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
Heptachlor	EPA 8081B	<16.7	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
Heptachlor epoxide	EPA 8081B	<17.1	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
Methoxychlor	EPA 8081B	<17.3	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
Toxaphene	EPA 8081B	<27.9	U	µg/kg	155	1	11/25/25 09:12	11/24/25 08:44
trans-Chlordane	EPA 8081B	<17.2	U	µg/kg	25.8	1	11/25/25 09:12	11/24/25 08:44
Surr: Decachlorobiphenyl	*EPA 8081B*	***110***		*%REC*	*53-151*	*1*	*11/25/25 09:12*	*11/24/25 08:44*
Surr: Tetrachloro-m-xylene	*EPA 8081B*	***96.1***		*%REC*	*67-127*	*1*	*11/25/25 09:12*	*11/24/25 08:44*
Polychlorinated Biphenyls (PCBs) by GC/ECD								
Aroclor 1016	EPA 8082A	<59.0	U	µg/kg	172	1	11/25/25 02:31	11/24/25 09:05
Aroclor 1221	EPA 8082A	<59.0	U	µg/kg	172	1	11/25/25 02:31	11/24/25 09:05
Aroclor 1232	EPA 8082A	<59.0	U	µg/kg	172	1	11/25/25 02:31	11/24/25 09:05
Aroclor 1242	EPA 8082A	<59.0	U	µg/kg	172	1	11/25/25 02:31	11/24/25 09:05
Aroclor 1248	EPA 8082A	<59.0	U	µg/kg	172	1	11/25/25 02:31	11/24/25 09:05
Aroclor 1254	EPA 8082A	<48.1	U	µg/kg	172	1	11/25/25 02:31	11/24/25 09:05
Aroclor 1260	EPA 8082A	<48.1	U	µg/kg	172	1	11/25/25 02:31	11/24/25 09:05
Aroclor 1262	EPA 8082A	<48.1	U	µg/kg	172	1	11/25/25 02:31	11/24/25 09:05
Aroclor 1268	EPA 8082A	<48.1	U	µg/kg	172	1	11/25/25 02:31	11/24/25 09:05
Total PCB	EPA 8082A	<48.1	U	µg/kg	172	1	11/25/25 02:31	11/24/25 09:05
Surr: Decachlorobiphenyl	*EPA 8082A*	***117***		*%REC*	*54-146*	*1*	*11/25/25 02:31*	*11/24/25 09:05*
Surr: Tetrachloro-m-xylene	*EPA 8082A*	***96.0***		*%REC*	*58-140*	*1*	*11/25/25 02:31*	*11/24/25 09:05*
Semivolatile Organic Compounds by GC-MS								
1,1'-Biphenyl (BZ-0)	EPA 8270E	<14.1	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<20.0	U	µg/kg	865	1	11/25/25 21:15	11/25/25 15:27

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	11/20/25 15:49
Matrix:	SOIL/SOLID	**Date Received:**	11/22/25 08:00

CLIENT ID: 11736 SB02 (3-4) **Lab ID: HN2517803-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<62.1	U	µg/kg	433	1	11/25/25 21:15	11/25/25 15:27
1-Methylnaphthalene	EPA 8270E	**22.5**		µg/kg	17.3	1	11/25/25 21:15	11/25/25 15:27
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<20.3	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
2,3,4,6-Tetrachlorophenol	EPA 8270E	<63.4	U	µg/kg	173	1	11/25/25 21:15	11/25/25 15:27
2,4,5-Trichlorophenol	EPA 8270E	<51.3	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
2,4,6-Trichlorophenol	EPA 8270E	<23.1	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
2,4-Dichlorophenol	EPA 8270E	<46.6	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
2,4-Dimethylphenol	EPA 8270E	<44.5	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
2,4-Dinitrophenol	EPA 8270E	<633	U	µg/kg	865	1	11/25/25 21:15	11/25/25 15:27
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<56.3	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<22.1	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
2-Chloronaphthalene	EPA 8270E	<12.1	U	µg/kg	17.3	1	11/25/25 21:15	11/25/25 15:27
2-Chlorophenol	EPA 8270E	<56.7	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<72.3	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
2-Methylnaphthalene	EPA 8270E	**53.7**		µg/kg	17.3	1	11/25/25 21:15	11/25/25 15:27
2-Methylphenol (o-Cresol)	EPA 8270E	<23.4	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
2-Nitroaniline	EPA 8270E	<48.1	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
2-Nitrophenol	EPA 8270E	<24.7	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
3&4-Methylphenol	EPA 8270E	<47.2	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
3,3'-Dichlorobenzidine	EPA 8270E	<40.4	U	µg/kg	433	1	11/25/25 21:15	11/25/25 15:27
3-Nitroaniline	EPA 8270E	<50.3	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<47.5	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
4-Chloro-3-methylphenol	EPA 8270E	<24.7	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
4-Chloroaniline	EPA 8270E	<44.0	U	µg/kg	173	1	11/25/25 21:15	11/25/25 15:27
4-Chlorophenyl phenylether	EPA 8270E	<23.9	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
4-Nitroaniline	EPA 8270E	<134	U	µg/kg	433	1	11/25/25 21:15	11/25/25 15:27
4-Nitrophenol	EPA 8270E	<203	U	µg/kg	865	1	11/25/25 21:15	11/25/25 15:27
Acenaphthene	EPA 8270E	**22.5**		µg/kg	17.3	1	11/25/25 21:15	11/25/25 15:27

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	11/20/25 15:49
Matrix:	SOIL/SOLID	**Date Received:**	11/22/25 08:00

CLIENT ID: 11736 SB02 (3-4) **Lab ID: HN2517803-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<15.0	U	µg/kg	17.3	1	11/25/25 21:15	11/25/25 15:27
Acetophenone	EPA 8270E	<13.6	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
Anthracene	EPA 8270E	<12.2	U	µg/kg	17.3	1	11/25/25 21:15	11/25/25 15:27
Atrazine	EPA 8270E	<50.8	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
Benzaldehyde	EPA 8270E	<133	SU	µg/kg	173	1	11/25/25 21:15	11/25/25 15:27
Benzo(a)anthracene	EPA 8270E	**39.8**		µg/kg	17.3	1	11/25/25 21:15	11/25/25 15:27
Benzo(a)pyrene	EPA 8270E	**39.8**		µg/kg	17.3	1	11/25/25 21:15	11/25/25 15:27
Benzo(b)fluoranthene	EPA 8270E	**55.4**		µg/kg	17.3	1	11/25/25 21:15	11/25/25 15:27
Benzo(g,h,i)perylene	EPA 8270E	**34.6**		µg/kg	17.3	1	11/25/25 21:15	11/25/25 15:27
Benzo(k)fluoranthene	EPA 8270E	**22.5**		µg/kg	17.3	1	11/25/25 21:15	11/25/25 15:27
bis(2-Chloroethoxy) methane	EPA 8270E	<54.9	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
bis(2-Chloroethyl) ether	EPA 8270E	<24.5	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
Butyl benzyl phthalate	EPA 8270E	<108	U	µg/kg	173	1	11/25/25 21:15	11/25/25 15:27
Caprolactam	EPA 8270E	<78.2	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
Carbazole	EPA 8270E	<25.5	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
Chrysene	EPA 8270E	**29.5**		µg/kg	17.3	1	11/25/25 21:15	11/25/25 15:27
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	<71.6	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
Dibenz(a,h) anthracene	EPA 8270E	<9.36	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
Dibenzofuran	EPA 8270E	<12.7	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
Diethyl phthalate	EPA 8270E	<29.5	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
Dimethyl phthalate	EPA 8270E	<16.9	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
Fluoranthene	EPA 8270E	**72.8**		µg/kg	17.3	1	11/25/25 21:15	11/25/25 15:27
Fluorene	EPA 8270E	<12.6	U	µg/kg	17.3	1	11/25/25 21:15	11/25/25 15:27
Hexachlorobenzene	EPA 8270E	<25.2	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
Hexachlorobutadiene	EPA 8270E	<20.4	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
Hexachlorocyclopentadiene	EPA 8270E	<82.1	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
Hexachloroethane	EPA 8270E	<35.9	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
Indeno(1,2,3-cd) pyrene	EPA 8270E	**43.3**		µg/kg	17.3	1	11/25/25 21:15	11/25/25 15:27
Isophorone	EPA 8270E	<16.9	U	µg/kg	433	1	11/25/25 21:15	11/25/25 15:27
Methylphenol, Total	EPA 8270E	<23.4	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	11/20/25 15:49
Matrix:	SOIL/SOLID	**Date Received:**	11/22/25 08:00

CLIENT ID: 11736 SB02 (3-4) **Lab ID: HN2517803-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	**4090**		µg/kg	17.3	1	11/25/25 21:15	11/25/25 15:27
Nitrobenzene	EPA 8270E	<29.1	U	µg/kg	433	1	11/25/25 21:15	11/25/25 15:27
n-Nitrosodi-n-propylamine	EPA 8270E	<14.3	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
N-Nitrosodiphenylamine	EPA 8270E	<50.2	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
Pentachlorophenol	EPA 8270E	<68.8	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
Phenanthrene	EPA 8270E	**45.0**		µg/kg	17.3	1	11/25/25 21:15	11/25/25 15:27
Phenol	EPA 8270E	<43.5	U	µg/kg	85.8	1	11/25/25 21:15	11/25/25 15:27
Pyrene	EPA 8270E	**58.9**		µg/kg	17.3	1	11/25/25 21:15	11/25/25 15:27
Pyridine	EPA 8270E	<170	U	µg/kg	433	1	11/25/25 21:15	11/25/25 15:27
Surr: 2,4,6-Tribromophenol	*EPA 8270E*	***77.9***		*%REC*	*48-94*	*1*	*11/25/25 21:15*	*11/25/25 15:27*
Surr: 2-Fluorobiphenyl	*EPA 8270E*	***74.7***		*%REC*	*50-103*	*1*	*11/25/25 21:15*	*11/25/25 15:27*
Surr: 2-Fluorophenol	*EPA 8270E*	***77.5***		*%REC*	*43-105*	*1*	*11/25/25 21:15*	*11/25/25 15:27*
Surr: 4-Terphenyl-d14	*EPA 8270E*	***82.2***		*%REC*	*55-111*	*1*	*11/25/25 21:15*	*11/25/25 15:27*
Surr: Nitrobenzene-d5	*EPA 8270E*	***71.2***		*%REC*	*47-100*	*1*	*11/25/25 21:15*	*11/25/25 15:27*
Surr: Phenol-d6	*EPA 8270E*	***75.2***		*%REC*	*49-110*	*1*	*11/25/25 21:15*	*11/25/25 15:27*
Volatile Organic Compounds by GC-MS								
1,1,1-Trichloroethane	EPA 8260D	<15.3	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
1,1,2,2-Tetrachloroethane	EPA 8260D	<14.9	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<21.4	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
1,1,2-Trichloroethane	EPA 8260D	<14.3	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
1,1-Dichloroethane	EPA 8260D	<12.3	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
1,1-Dichloroethylene	EPA 8260D	<10.9	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
1,2,3-Trichlorobenzene	EPA 8260D	<40.5	U	µg/kg	113	1	11/27/25 00:52	11/24/25 16:41
1,2,3-Trichloropropane	EPA 8260D	<14.1	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
1,2,4-Trichlorobenzene	EPA 8260D	<38.3	U	µg/kg	113	1	11/27/25 00:52	11/24/25 16:41
1,2,4-Trimethylbenzene	EPA 8260D	<24.8	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<31.1	U	µg/kg	113	1	11/27/25 00:52	11/24/25 16:41
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<19.9	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<12.8	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	11/20/25 15:49
Matrix:	SOIL/SOLID	**Date Received:**	11/22/25 08:00

CLIENT ID: 11736 SB02 (3-4) **Lab ID: HN2517803-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<19.9	U	µg/kg	113	1	11/27/25 00:52	11/24/25 16:41
1,2-Dichloropropane	EPA 8260D	<24.9	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
1,3,5-Trimethylbenzene	EPA 8260D	<23.8	U	µg/kg	113	1	11/27/25 00:52	11/24/25 16:41
1,3-Dichlorobenzene (m-Dichlorobenzene)	EPA 8260D	<23.3	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
1,3-Dichloropropene	EPA 8260D	<18.8	U	µg/kg	67.5	1	11/27/25 00:52	11/24/25 16:41
1,4-Dichlorobenzene (p-Dichlorobenzene)	EPA 8260D	<27.4	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<80.4	U	µg/kg	225	1	11/27/25 00:52	11/24/25 16:41
2-Hexanone	EPA 8260D	<16.7	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<31.5	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Acetone	EPA 8260D	<100	U	µg/kg	113	1	11/27/25 00:52	11/24/25 16:41
Benzene	EPA 8260D	<16.4	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Bromochloromethane	EPA 8260D	<17.2	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Bromodichloromethane	EPA 8260D	<18.9	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Bromoform	EPA 8260D	<14.2	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Carbon disulfide	EPA 8260D	<17.5	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Carbon tetrachloride	EPA 8260D	<13.2	SU	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Chlorobenzene	EPA 8260D	<11.2	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Chlorodibromomethane	EPA 8260D	<19.0	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Chloroethane (Ethyl chloride)	EPA 8260D	<94.5	U	µg/kg	113	1	11/27/25 00:52	11/24/25 16:41
Chloroform	EPA 8260D	<12.4	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
cis-1,2-Dichloroethylene	EPA 8260D	<21.7	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
cis-1,3-Dichloropropene	EPA 8260D	<25.4	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Cyclohexane	EPA 8260D	<25.8	U	µg/kg	113	1	11/27/25 00:52	11/24/25 16:41
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<40.9	U	µg/kg	113	1	11/27/25 00:52	11/24/25 16:41
Ethylbenzene	EPA 8260D	<23.9	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Isopropylbenzene	EPA 8260D	<21.3	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
m+p-Xylene	EPA 8260D	<45.0	U	µg/kg	67.5	1	11/27/25 00:52	11/24/25 16:41
Methyl acetate	EPA 8260D	<40.4	U	µg/kg	281	1	11/27/25 00:52	11/24/25 16:41
Methyl bromide (Bromomethane)	EPA 8260D	<64.6	U	µg/kg	113	1	11/27/25 00:52	11/24/25 16:41

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	11/20/25 15:49
Matrix:	SOIL/SOLID	**Date Received:**	11/22/25 08:00

CLIENT ID: 11736 SB02 (3-4) **Lab ID: HN2517803-002**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<92.3	U	µg/kg	113	1	11/27/25 00:52	11/24/25 16:41
Methyl tert-butyl ether (MTBE)	EPA 8260D	<24.6	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Methylcyclohexane	EPA 8260D	<12.9	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Methylene chloride (Dichloromethane)	EPA 8260D	<89.6	U	µg/kg	281	1	11/27/25 00:52	11/24/25 16:41
o-Xylene	EPA 8260D	<13.1	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Styrene	EPA 8260D	<13.4	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<20.3	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Toluene	EPA 8260D	<27.8	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Total Xylene	EPA 8260D	<13.1	U	µg/kg	101	1	11/27/25 00:52	11/24/25 16:41
trans-1,2-Dichloroethylene	EPA 8260D	<27.9	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
trans-1,3-Dichloropropylene	EPA 8260D	<18.8	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Trichloroethene (Trichloroethylene)	EPA 8260D	<15.1	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<17.3	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Vinyl chloride (Chloroethene)	EPA 8260D	<22.4	U	µg/kg	33.8	1	11/27/25 00:52	11/24/25 16:41
Surr: 1,2-Dichloroethane-d4	*EPA 8260D*	***111***		*%REC*	*80-120*	*1*	*11/27/25 00:52*	*11/24/25 16:41*
Surr: 4-Bromofluorobenzene	*EPA 8260D*	***96.4***		*%REC*	*80-120*	*1*	*11/27/25 00:52*	*11/24/25 16:41*
Surr: Dibromofluoromethane	*EPA 8260D*	***91.6***		*%REC*	*72-120*	*1*	*11/27/25 00:52*	*11/24/25 16:41*
Surr: Toluene-d8	*EPA 8260D*	***97.4***		*%REC*	*80-120*	*1*	*11/27/25 00:52*	*11/24/25 16:41*

Analytical Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	11/20/25 15:23
Matrix:	SOIL/SOLID	**Date Received:**	11/22/25 08:00

CLIENT ID: 11736 SB03 (5-6) **Lab ID: HN2517803-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Chlorinated Herbicides by GC/ECD								
2,4,5-T	EPA 8151A	<1.51	U	µg/kg	8.23	1	12/01/25 19:39	11/25/25 14:47
2,4,5-TP (Silvex)	EPA 8151A	<2.70	U	µg/kg	8.23	1	12/01/25 19:39	11/25/25 14:47
2,4-D	EPA 8151A	<4.39	U	µg/kg	16.5	1	12/01/25 19:39	11/25/25 14:47
Surr: DCAA	*EPA 8151A*	***60.0***		*%REC*	*10-116*	*1*	*12/01/25 19:39*	*11/25/25 14:47*
General Chemistry Parameters								
Percent Moisture	EPA 3550C	**7.8**		%	0.1	1	11/24/25 14:39	NA
Chloride	EPA 9056A	<3.35	U	mg/kg	10.8	1	11/25/25 16:06	11/24/25 14:07
Metals								
Arsenic	EPA 6020B	**6.08**		mg/kg	3.21	10	11/26/25 18:21	11/24/25 10:07
Barium	EPA 6020B	**16.1**		mg/kg	0.321	1	11/26/25 10:06	11/24/25 10:07
Cadmium	EPA 6020B	**0.167**		mg/kg	0.128	1	11/26/25 10:06	11/24/25 10:07
Chromium	EPA 6020B	**12.5**		mg/kg	3.21	10	11/26/25 18:21	11/24/25 10:07
Copper	EPA 6020B	**11.9**		mg/kg	3.21	10	11/26/25 18:21	11/24/25 10:07
Lead	EPA 6020B	**9.69**		mg/kg	0.321	1	11/26/25 10:06	11/24/25 10:07
Selenium	EPA 6020B	<2.95	U	mg/kg	3.21	10	11/26/25 18:21	11/24/25 10:07
Silver	EPA 6020B	<0.423	U	mg/kg	3.21	10	11/26/25 18:21	11/24/25 10:07
Zinc	EPA 6020B	**46.7**		mg/kg	6.42	10	11/26/25 18:21	11/24/25 10:07
Mercury	EPA 7471B	<0.0143	U	mg/kg	0.0210	1	11/26/25 09:27	11/26/25 08:16
Organochlorine Pesticides by GC/ECD								
4,4'-DDD	EPA 8081B	<30.5	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
4,4'-DDE	EPA 8081B	<31.4	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
4,4'-DDT	EPA 8081B	<31.7	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
Aldrin	EPA 8081B	<31.0	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
alpha-BHC	EPA 8081B	<31.4	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
beta-BHC	EPA 8081B	<31.3	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
Chlordane, Technical	EPA 8081B	<47.3	U	µg/kg	119	1	11/25/25 09:27	11/24/25 08:44
cis-Chlordane	EPA 8081B	<31.9	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
delta-BHC	EPA 8081B	<31.2	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
Dieldrin	EPA 8081B	<33.4	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	11/20/25 15:23
Matrix:	SOIL/SOLID	**Date Received:**	11/22/25 08:00

CLIENT ID: 11736 SB03 (5-6) **Lab ID: HN2517803-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Endosulfan I	EPA 8081B	<32.1	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
Endosulfan II	EPA 8081B	<31.6	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
Endosulfan sulfate	EPA 8081B	<29.3	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
Endrin	EPA 8081B	<38.6	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
Endrin aldehyde	EPA 8081B	<30.2	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
Endrin ketone	EPA 8081B	<29.0	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
gamma-BHC (Lindane)	EPA 8081B	<31.3	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
Heptachlor	EPA 8081B	<30.8	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
Heptachlor epoxide	EPA 8081B	<31.6	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
Methoxychlor	EPA 8081B	<31.9	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
Toxaphene	EPA 8081B	<51.5	U	µg/kg	286	1	11/25/25 09:27	11/24/25 08:44
trans-Chlordane	EPA 8081B	<31.7	U	µg/kg	47.7	1	11/25/25 09:27	11/24/25 08:44
Surr: Decachlorobiphenyl	*EPA 8081B*	***106***		*%REC*	*53-151*	*1*	*11/25/25 09:27*	*11/24/25 08:44*
Surr: Tetrachloro-m-xylene	*EPA 8081B*	***96.8***		*%REC*	*67-127*	*1*	*11/25/25 09:27*	*11/24/25 08:44*
Polychlorinated Biphenyls (PCBs) by GC/ECD								
Aroclor 1016	EPA 8082A	<109	U	µg/kg	318	1	11/25/25 02:43	11/24/25 09:05
Aroclor 1221	EPA 8082A	<109	U	µg/kg	318	1	11/25/25 02:43	11/24/25 09:05
Aroclor 1232	EPA 8082A	<109	U	µg/kg	318	1	11/25/25 02:43	11/24/25 09:05
Aroclor 1242	EPA 8082A	<109	U	µg/kg	318	1	11/25/25 02:43	11/24/25 09:05
Aroclor 1248	EPA 8082A	<109	U	µg/kg	318	1	11/25/25 02:43	11/24/25 09:05
Aroclor 1254	EPA 8082A	<88.8	U	µg/kg	318	1	11/25/25 02:43	11/24/25 09:05
Aroclor 1260	EPA 8082A	<88.8	U	µg/kg	318	1	11/25/25 02:43	11/24/25 09:05
Aroclor 1262	EPA 8082A	<88.8	U	µg/kg	318	1	11/25/25 02:43	11/24/25 09:05
Aroclor 1268	EPA 8082A	<88.8	U	µg/kg	318	1	11/25/25 02:43	11/24/25 09:05
Total PCB	EPA 8082A	<88.8	U	µg/kg	318	1	11/25/25 02:43	11/24/25 09:05
Surr: Decachlorobiphenyl	*EPA 8082A*	***117***		*%REC*	*54-146*	*1*	*11/25/25 02:43*	*11/24/25 09:05*
Surr: Tetrachloro-m-xylene	*EPA 8082A*	***96.8***		*%REC*	*58-140*	*1*	*11/25/25 02:43*	*11/24/25 09:05*
Semivolatile Organic Compounds by GC-MS								
1,1'-Biphenyl (BZ-0)	EPA 8270E	<14.5	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
1,2,4,5-Tetrachlorobenzene	EPA 8270E	<20.6	U	µg/kg	894	1	11/25/25 21:36	11/25/25 15:27

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	11/20/25 15:23
Matrix:	SOIL/SOLID	**Date Received:**	11/22/25 08:00

CLIENT ID: 11736 SB03 (5-6) **Lab ID: HN2517803-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,4-Dioxane (1,4-Diethyleneoxide)	EPA 8270E	<64.1	U	µg/kg	447	1	11/25/25 21:36	11/25/25 15:27
1-Methylnaphthalene	EPA 8270E	<12.9	U	µg/kg	17.9	1	11/25/25 21:36	11/25/25 15:27
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	EPA 8270E	<21.0	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
2,3,4,6-Tetrachlorophenol	EPA 8270E	<65.5	U	µg/kg	179	1	11/25/25 21:36	11/25/25 15:27
2,4,5-Trichlorophenol	EPA 8270E	<53.0	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
2,4,6-Trichlorophenol	EPA 8270E	<23.8	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
2,4-Dichlorophenol	EPA 8270E	<48.1	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
2,4-Dimethylphenol	EPA 8270E	<46.0	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
2,4-Dinitrophenol	EPA 8270E	<654	U	µg/kg	894	1	11/25/25 21:36	11/25/25 15:27
2,4-Dinitrotoluene (2,4-DNT)	EPA 8270E	<58.1	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
2,6-Dinitrotoluene (2,6-DNT)	EPA 8270E	<22.8	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
2-Chloronaphthalene	EPA 8270E	<12.5	U	µg/kg	17.9	1	11/25/25 21:36	11/25/25 15:27
2-Chlorophenol	EPA 8270E	<58.5	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	EPA 8270E	<74.7	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
2-Methylnaphthalene	EPA 8270E	<9.10	U	µg/kg	17.9	1	11/25/25 21:36	11/25/25 15:27
2-Methylphenol (o-Cresol)	EPA 8270E	<24.2	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
2-Nitroaniline	EPA 8270E	<49.7	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
2-Nitrophenol	EPA 8270E	<25.5	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
3&4-Methylphenol	EPA 8270E	<48.8	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
3,3'-Dichlorobenzidine	EPA 8270E	<41.8	U	µg/kg	447	1	11/25/25 21:36	11/25/25 15:27
3-Nitroaniline	EPA 8270E	<51.9	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
4-Bromophenyl phenyl ether (BDE-3)	EPA 8270E	<49.0	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
4-Chloro-3-methylphenol	EPA 8270E	<25.5	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
4-Chloroaniline	EPA 8270E	<45.5	U	µg/kg	179	1	11/25/25 21:36	11/25/25 15:27
4-Chlorophenyl phenylether	EPA 8270E	<24.7	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
4-Nitroaniline	EPA 8270E	<139	U	µg/kg	447	1	11/25/25 21:36	11/25/25 15:27
4-Nitrophenol	EPA 8270E	<210	U	µg/kg	894	1	11/25/25 21:36	11/25/25 15:27
Acenaphthene	EPA 8270E	<12.9	U	µg/kg	17.9	1	11/25/25 21:36	11/25/25 15:27

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	11/20/25 15:23
Matrix:	SOIL/SOLID	**Date Received:**	11/22/25 08:00

CLIENT ID: 11736 SB03 (5-6) **Lab ID: HN2517803-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Acenaphthylene	EPA 8270E	<15.5	U	µg/kg	17.9	1	11/25/25 21:36	11/25/25 15:27
Acetophenone	EPA 8270E	<14.0	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
Anthracene	EPA 8270E	<12.6	U	µg/kg	17.9	1	11/25/25 21:36	11/25/25 15:27
Atrazine	EPA 8270E	<52.4	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
Benzaldehyde	EPA 8270E	<137	SU	µg/kg	179	1	11/25/25 21:36	11/25/25 15:27
Benzo(a)anthracene	EPA 8270E	<15.5	U	µg/kg	17.9	1	11/25/25 21:36	11/25/25 15:27
Benzo(a)pyrene	EPA 8270E	**19.7**		µg/kg	17.9	1	11/25/25 21:36	11/25/25 15:27
Benzo(b)fluoranthene	EPA 8270E	**21.5**		µg/kg	17.9	1	11/25/25 21:36	11/25/25 15:27
Benzo(g,h,i)perylene	EPA 8270E	<13.7	U	µg/kg	17.9	1	11/25/25 21:36	11/25/25 15:27
Benzo(k)fluoranthene	EPA 8270E	<13.6	U	µg/kg	17.9	1	11/25/25 21:36	11/25/25 15:27
bis(2-Chloroethoxy) methane	EPA 8270E	<56.7	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
bis(2-Chloroethyl) ether	EPA 8270E	<25.3	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
Butyl benzyl phthalate	EPA 8270E	<112	U	µg/kg	179	1	11/25/25 21:36	11/25/25 15:27
Caprolactam	EPA 8270E	<80.7	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
Carbazole	EPA 8270E	<26.4	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
Chrysene	EPA 8270E	<14.5	U	µg/kg	17.9	1	11/25/25 21:36	11/25/25 15:27
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	EPA 8270E	<74.0	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
Dibenz(a,h) anthracene	EPA 8270E	<9.66	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
Dibenzofuran	EPA 8270E	<13.2	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
Diethyl phthalate	EPA 8270E	<30.4	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
Dimethyl phthalate	EPA 8270E	<17.4	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
Fluoranthene	EPA 8270E	**17.9**		µg/kg	17.9	1	11/25/25 21:36	11/25/25 15:27
Fluorene	EPA 8270E	<13.0	U	µg/kg	17.9	1	11/25/25 21:36	11/25/25 15:27
Hexachlorobenzene	EPA 8270E	<26.0	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
Hexachlorobutadiene	EPA 8270E	<21.1	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
Hexachlorocyclopentadiene	EPA 8270E	<84.8	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
Hexachloroethane	EPA 8270E	<37.0	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
Indeno(1,2,3-cd) pyrene	EPA 8270E	**19.7**		µg/kg	17.9	1	11/25/25 21:36	11/25/25 15:27
Isophorone	EPA 8270E	<17.5	U	µg/kg	447	1	11/25/25 21:36	11/25/25 15:27
Methylphenol, Total	EPA 8270E	<24.2	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	11/20/25 15:23
Matrix:	SOIL/SOLID	**Date Received:**	11/22/25 08:00

CLIENT ID: 11736 SB03 (5-6) **Lab ID: HN2517803-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Naphthalene	EPA 8270E	<11.4	U	µg/kg	17.9	1	11/25/25 21:36	11/25/25 15:27
Nitrobenzene	EPA 8270E	<30.1	U	µg/kg	447	1	11/25/25 21:36	11/25/25 15:27
n-Nitrosodi-n-propylamine	EPA 8270E	<14.8	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
N-Nitrosodiphenylamine	EPA 8270E	<51.8	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
Pentachlorophenol	EPA 8270E	<71.1	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
Phenanthrene	EPA 8270E	<8.32	U	µg/kg	17.9	1	11/25/25 21:36	11/25/25 15:27
Phenol	EPA 8270E	<44.9	U	µg/kg	88.6	1	11/25/25 21:36	11/25/25 15:27
Pyrene	EPA 8270E	**19.7**		µg/kg	17.9	1	11/25/25 21:36	11/25/25 15:27
Pyridine	EPA 8270E	<176	U	µg/kg	447	1	11/25/25 21:36	11/25/25 15:27
Surr: 2,4,6-Tribromophenol	*EPA 8270E*	***78.4***		*%REC*	*48-94*	*1*	*11/25/25 21:36*	*11/25/25 15:27*
Surr: 2-Fluorobiphenyl	*EPA 8270E*	***75.8***		*%REC*	*50-103*	*1*	*11/25/25 21:36*	*11/25/25 15:27*
Surr: 2-Fluorophenol	*EPA 8270E*	***79.2***		*%REC*	*43-105*	*1*	*11/25/25 21:36*	*11/25/25 15:27*
Surr: 4-Terphenyl-d14	*EPA 8270E*	***85.5***		*%REC*	*55-111*	*1*	*11/25/25 21:36*	*11/25/25 15:27*
Surr: Nitrobenzene-d5	*EPA 8270E*	***72.7***		*%REC*	*47-100*	*1*	*11/25/25 21:36*	*11/25/25 15:27*
Surr: Phenol-d6	*EPA 8270E*	***76.6***		*%REC*	*49-110*	*1*	*11/25/25 21:36*	*11/25/25 15:27*
Volatile Organic Compounds by GC-MS								
1,1,1-Trichloroethane	EPA 8260D	<15.6	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
1,1,2,2-Tetrachloroethane	EPA 8260D	<15.2	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 8260D	<21.8	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
1,1,2-Trichloroethane	EPA 8260D	<14.6	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
1,1-Dichloroethane	EPA 8260D	<12.6	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
1,1-Dichloroethylene	EPA 8260D	<11.2	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
1,2,3-Trichlorobenzene	EPA 8260D	<41.3	U	µg/kg	115	1	11/27/25 01:08	11/24/25 16:41
1,2,3-Trichloropropane	EPA 8260D	<14.4	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
1,2,4-Trichlorobenzene	EPA 8260D	<39.0	U	µg/kg	115	1	11/27/25 01:08	11/24/25 16:41
1,2,4-Trimethylbenzene	EPA 8260D	<25.2	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260D	<31.7	U	µg/kg	115	1	11/27/25 01:08	11/24/25 16:41
1,2-Dibromoethane (EDB, Ethylene dibromide)	EPA 8260D	<20.2	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
1,2-Dichlorobenzene (o-Dichlorobenzene)	EPA 8260D	<13.1	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	11/20/25 15:23
Matrix:	SOIL/SOLID	**Date Received:**	11/22/25 08:00

CLIENT ID: 11736 SB03 (5-6) **Lab ID: HN2517803-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
1,2-Dichloroethane (Ethylene dichloride)	EPA 8260D	<20.2	U	µg/kg	115	1	11/27/25 01:08	11/24/25 16:41
1,2-Dichloropropane	EPA 8260D	<25.4	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
1,3,5-Trimethylbenzene	EPA 8260D	<24.3	U	µg/kg	115	1	11/27/25 01:08	11/24/25 16:41
1,3-Dichlorobenzene (m-Dichlorobenzene)	EPA 8260D	<23.8	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
1,3-Dichloropropene	EPA 8260D	<19.2	U	µg/kg	68.8	1	11/27/25 01:08	11/24/25 16:41
1,4-Dichlorobenzene (p-Dichlorobenzene)	EPA 8260D	<28.0	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
2-Butanone (Methyl ethyl ketone, MEK)	EPA 8260D	<81.9	U	µg/kg	229	1	11/27/25 01:08	11/24/25 16:41
2-Hexanone	EPA 8260D	<17.1	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
4-Methyl-2-pentanone (MIBK)	EPA 8260D	<32.1	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Acetone	EPA 8260D	<102	U	µg/kg	115	1	11/27/25 01:08	11/24/25 16:41
Benzene	EPA 8260D	<16.7	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Bromochloromethane	EPA 8260D	<17.5	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Bromodichloromethane	EPA 8260D	<19.3	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Bromoform	EPA 8260D	<14.5	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Carbon disulfide	EPA 8260D	<17.8	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Carbon tetrachloride	EPA 8260D	<13.5	SU	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Chlorobenzene	EPA 8260D	<11.4	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Chlorodibromomethane	EPA 8260D	<19.3	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Chloroethane (Ethyl chloride)	EPA 8260D	<96.4	U	µg/kg	115	1	11/27/25 01:08	11/24/25 16:41
Chloroform	EPA 8260D	<12.6	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
cis-1,2-Dichloroethylene	EPA 8260D	<22.1	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
cis-1,3-Dichloropropene	EPA 8260D	<25.9	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Cyclohexane	EPA 8260D	<26.4	U	µg/kg	115	1	11/27/25 01:08	11/24/25 16:41
Dichlorodifluoromethane (Freon-12)	EPA 8260D	<41.7	U	µg/kg	115	1	11/27/25 01:08	11/24/25 16:41
Ethylbenzene	EPA 8260D	<24.4	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Isopropylbenzene	EPA 8260D	<21.7	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
m+p-Xylene	EPA 8260D	<45.9	U	µg/kg	68.8	1	11/27/25 01:08	11/24/25 16:41
Methyl acetate	EPA 8260D	<41.2	U	µg/kg	287	1	11/27/25 01:08	11/24/25 16:41
Methyl bromide (Bromomethane)	EPA 8260D	<65.8	U	µg/kg	115	1	11/27/25 01:08	11/24/25 16:41

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	11/20/25 15:23
Matrix:	SOIL/SOLID	**Date Received:**	11/22/25 08:00

CLIENT ID: 11736 SB03 (5-6) **Lab ID: HN2517803-003**

Analyte	Method	Results	Qual	Units	MRL	Dilution Factor	Date Analyzed	Date Extracted
Methyl chloride (Chloromethane)	EPA 8260D	<94.1	U	µg/kg	115	1	11/27/25 01:08	11/24/25 16:41
Methyl tert-butyl ether (MTBE)	EPA 8260D	<25.1	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Methylcyclohexane	EPA 8260D	<13.1	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Methylene chloride (Dichloromethane)	EPA 8260D	<91.3	U	µg/kg	287	1	11/27/25 01:08	11/24/25 16:41
o-Xylene	EPA 8260D	<13.3	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Styrene	EPA 8260D	<13.6	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Tetrachloroethylene (Perchloroethylene)	EPA 8260D	<20.7	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Toluene	EPA 8260D	<28.4	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Total Xylene	EPA 8260D	<13.3	U	µg/kg	103	1	11/27/25 01:08	11/24/25 16:41
trans-1,2-Dichloroethylene	EPA 8260D	<28.4	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
trans-1,3-Dichloropropylene	EPA 8260D	<19.2	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Trichloroethene (Trichloroethylene)	EPA 8260D	<15.4	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	EPA 8260D	<17.6	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Vinyl chloride (Chloroethene)	EPA 8260D	<22.9	U	µg/kg	34.4	1	11/27/25 01:08	11/24/25 16:41
Surr: 1,2-Dichloroethane-d4	*EPA 8260D*	***111***		*%REC*	*80-120*	*1*	*11/27/25 01:08*	*11/24/25 16:41*
Surr: 4-Bromofluorobenzene	*EPA 8260D*	***93.4***		*%REC*	*80-120*	*1*	*11/27/25 01:08*	*11/24/25 16:41*
Surr: Dibromofluoromethane	*EPA 8260D*	***93.2***		*%REC*	*72-120*	*1*	*11/27/25 01:08*	*11/24/25 16:41*
Surr: Toluene-d8	*EPA 8260D*	***95.2***		*%REC*	*80-120*	*1*	*11/27/25 01:08*	*11/24/25 16:41*

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2354018	**Run ID:**	3727377

Chlorinated Herbicides by GC/ECD

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2354018-001**

Method: EPA 8151A | **Dilution:** 1 | **Analysis Date:** 12/01/25 13:28 | **Prep Date:** 11/25/25 14:48

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	<0.920	µg/kg	5.00							U
2,4,5-TP (Silvex)	<1.64	µg/kg	5.00							U
2,4-D	<2.67	µg/kg	10.0							U
Surr: DCAA	***27.0***	*µg/kg*		50		54.0	*10-116*			

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2354018-002**

Method: EPA 8151A | **Dilution:** 1 | **Analysis Date:** 12/01/25 13:41 | **Prep Date:** 11/25/25 14:48

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	28.0	µg/kg	5.00	50		56.0	10-119			
2,4,5-TP (Silvex)	25.0	µg/kg	5.00	50		50.0	10-101			
2,4-D	27.0	µg/kg	10.0	50		54.0	10-128			
Surr: DCAA	***36.0***	*µg/kg*		50		72.0	*10-116*			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2354018-005**

Method: EPA 8151A | **Dilution:** 1 | **Analysis Date:** 12/01/25 13:54 | **Prep Date:** 11/25/25 14:48

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	39.8	µg/kg	8.13	76.447	<1.41	52.0	10-119			
2,4,5-TP (Silvex)	36.7	µg/kg	8.13	76.447	<2.51	48.0	10-101			
2,4-D	42.8	µg/kg	16.3	76.447	<4.08	56.0	10-128			
Surr: DCAA	***48.9***	*µg/kg*		76.447		64.0	*10-116*			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2354018-006**

Method: EPA 8151A | **Dilution:** 1 | **Analysis Date:** 12/01/25 14:07 | **Prep Date:** 11/25/25 14:48

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-T	42.8	µg/kg	8.13	76.481	<1.41	56.0	10-119	7.45	30	
2,4,5-TP (Silvex)	36.7	µg/kg	8.13	76.481	<2.51	48.0	10-101	0.0451	30	
2,4-D	42.8	µg/kg	16.3	76.481	<4.08	56.0	10-128	0.0451	30	
Surr: DCAA	***48.9***	*µg/kg*		76.481		64.0	*10-116*	0.0451	30	

The following samples were analyzed in this batch: HN2517803-001, HN2517803-002, HN2517803-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352281	**Run ID:**	3713528

General Chemistry Parameters

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2352281-001**

Method: EPA 3550C | **Dilution:** 1 | **Analysis Date:** 11/24/25 14:39 | **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-2352281-002**

Method: EPA 3550C | **Dilution:** 1 | **Analysis Date:** 11/24/25 14:39 | **Prep Date:** NA

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

DUP | **CLIENT ID: Batch QC** | **Lab ID: QC-2352281-004**

Method: EPA 3550C | **Dilution:** 1 | **Analysis Date:** 11/24/25 09:14 | **Prep Date:** NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	72.8	%	0.1		72.9			0.151	10	

DUP | **CLIENT ID: Batch QC** | **Lab ID: QC-2352281-015**

Method: EPA 3550C | **Dilution:** 1 | **Analysis Date:** 11/24/25 14:39 | **Prep Date:** NA

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Percent Moisture	8.8	%	0.1		8.4			5.34	10	

The following samples were analyzed in this batch: HN2517803-001, HN2517803-002, HN2517803-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352302	**Run ID:**	3719510

General Chemistry Parameters

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2352302-001**

Method: EPA 9056A | **Dilution:** 1 | **Analysis Date:** 11/25/25 11:48 | **Prep Date:** 11/24/25 14:08

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-2352302-002**

Method: EPA 9056A | **Dilution:** 1 | **Analysis Date:** 11/25/25 12:12 | **Prep Date:** 11/24/25 14:08

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	98.1	mg/kg	10.0	100		98.1	87-110			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2352302-004**

Method: EPA 9056A | **Dilution:** 1 | **Analysis Date:** 11/25/25 12:31 | **Prep Date:** 11/24/25 14:08

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	101	mg/kg	12.9	97.847	9.3	96.4	87-110			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2352302-005**

Method: EPA 9056A | **Dilution:** 1 | **Analysis Date:** 11/25/25 12:41 | **Prep Date:** 11/24/25 14:08

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chloride	102	mg/kg	13.0	98.814	9.3	96.3	87-110	0.754	15	

The following samples were analyzed in this batch: HN2517803-001, HN2517803-002, HN2517803-003

QA/QC Report

Client: The Mannik & Smith Group, Inc.
Project: 11736 Mendota
Matrix: SOIL/SOLID
QC Lot: 2352171

Work Order: HN2517803
Date Collected: NA
Date Received: NA
Run ID: 3718909

Metals

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2352171-001**

Method: EPA 6020B | **Dilution:** 1 | **Analysis Date:** 11/26/25 07:53 | **Prep Date:** 11/24/25 10:08

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
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-2352171-002**

Method: EPA 6020B | **Dilution:** 1 | **Analysis Date:** 11/26/25 07:56 | **Prep Date:** 11/24/25 10:08

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	5.04	mg/kg	0.250	5		101	80-120			
Barium	4.86	mg/kg	0.250	5		97.3	80-120			
Cadmium	4.80	mg/kg	0.100	5		96.0	80-120			
Chromium	5.48	mg/kg	0.250	5		110	80-120			
Copper	5.10	mg/kg	0.250	5		102	80-120			
Lead	4.79	mg/kg	0.250	5		95.8	80-120			
Selenium	4.67	mg/kg	0.250	5		93.3	80-120			
Silver	5.19	mg/kg	0.250	5		104	80-120			
Zinc	5.09	mg/kg	0.500	5		102	80-120			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2352171-004**

Method: EPA 6020B | **Dilution:** 1 | **Analysis Date:** 11/26/25 08:02 | **Prep Date:** 11/24/25 10:08

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Cadmium	5.44	mg/kg	0.124	5.8275	0.149	91.0	75-125			
Chromium	11.2	mg/kg	0.309	5.8275	6.14	92.0	75-125			
Copper	13.7	mg/kg	0.309	5.8275	8.77	92.8	75-125			
Silver	5.07	mg/kg	0.309	5.8275	<0.0385	86.6	75-125			
Zinc	52.6	mg/kg	0.618	5	30.8	NC	75-125			O

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2352171-005**

Method: EPA 6020B | **Dilution:** 1 | **Analysis Date:** 11/26/25 08:05 | **Prep Date:** 11/24/25 10:08

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Cadmium	5.01	mg/kg	0.125	5.8754	0.149	83.0	75-125	8.22	20	
Chromium	12.7	mg/kg	0.311	5.8754	6.14	118	75-125	13.2	20	

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352171	**Run ID:**	3718909

MSD	**CLIENT ID: Batch QC**	**Lab ID: QC-2352171-005**

Method: EPA 6020B **Dilution:** 1 **Analysis Date:** 11/26/25 08:05

Prep Date: 11/24/25 10:08

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Copper	13.8	mg/kg	0.311	5.8754	8.77	93.8	75-125	0.766	20	
Silver	5.02	mg/kg	0.311	5.8754	<0.0388	85.0	75-125	0.989	20	
Zinc	35.5	mg/kg	0.623	5	30.8	NC	75-125	38.7	20	OR

The following samples were analyzed in this batch: HN2517803-001, HN2517803-002, HN2517803-003

QA/QC Report

Client: The Mannik & Smith Group, Inc.
Project: 11736 Mendota
Matrix: SOIL/SOLID
QC Lot: 2352171

Work Order: HN2517803
Date Collected: 11/20/25 14:21
Date Received: 11/22/25 08:00
Run ID: 3721582

Metals

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2352171-001**

Method: EPA 6020B | **Dilution:** 1 | **Analysis Date:** 11/26/25 17:36 | **Prep Date:** 11/24/25 10:08

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Selenium	<0.230	mg/kg	0.250							U

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2352171-004**

Method: EPA 6020B | **Dilution:** 10 | **Analysis Date:** 11/26/25 17:39 | **Prep Date:** 11/24/25 10:08

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	15.6	mg/kg	3.09	5.8275	5.29	181	75-125			S
Barium	15.8	mg/kg	3.09	5.8275	13.3	55.2	75-125			S
Lead	10.7	mg/kg	3.09	5.8275	5.02	103	75-125			
Selenium	5.59	mg/kg	3.09	5.8275	<2.68	84.6	75-125			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2352171-005**

Method: EPA 6020B | **Dilution:** 10 | **Analysis Date:** 11/26/25 17:41 | **Prep Date:** 11/24/25 10:08

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	10.5	mg/kg	3.11	5.8754	5.29	94.0	75-125	38.8	20	R
Barium	18.9	mg/kg	3.11	5.8754	13.3	108	75-125	18.2	20	
Lead	9.96	mg/kg	3.11	5.8754	5.02	88.9	75-125	7.64	20	
Selenium	5.70	mg/kg	3.11	5.8754	<2.70	85.7	75-125	1.85	20	

PDS | **CLIENT ID: Batch QC** | **Lab ID: QC-2352171-007**

Method: EPA 6020B | **Dilution:** 10 | **Analysis Date:** 11/26/25 17:47 | **Prep Date:** 11/24/25 10:08

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Arsenic	58.0	mg/kg	3.10	58.548	5.29	90.6	75-125			
Barium	62.6	mg/kg	3.10	58.548	13.3	85.4	75-125			
Lead	59.2	mg/kg	3.10	58.548	5.02	93.1	75-125			
Selenium	51.5	mg/kg	3.10	58.548	<2.69	86.8	75-125			

The following samples were analyzed in this batch: HN2517803-001, HN2517803-002, HN2517803-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2354069	**Run ID:**	3720385

Metals

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2354069-001**

Method: EPA 7471B | **Dilution:** 1 | **Analysis Date:** 11/26/25 08:35 | **Prep Date:** 11/26/25 08:17

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-2354069-002**

Method: EPA 7471B | **Dilution:** 1 | **Analysis Date:** 11/26/25 08:37 | **Prep Date:** 11/26/25 08:17

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-2354069-004**

Method: EPA 7471B | **Dilution:** 1 | **Analysis Date:** 11/26/25 08:40 | **Prep Date:** 11/26/25 08:17

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.144	mg/kg	0.0213	0.1452	<0.0136	93.9	75-125			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2354069-005**

Method: EPA 7471B | **Dilution:** 1 | **Analysis Date:** 11/26/25 08:42 | **Prep Date:** 11/26/25 08:17

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Mercury	0.142	mg/kg	0.0209	0.1423	<0.0136	94.7	75-125	1.01	35	

The following samples were analyzed in this batch: HN2517803-001, HN2517803-002, HN2517803-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352181	**Run ID:**	3716752

Organochlorine Pesticides by GC/ECD

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2352181-001**

Method: EPA 8081B | **Dilution:** 1 | **Analysis Date:** 11/24/25 18:20 | **Prep Date:** 11/24/25 08:45

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	***45.8***	*µg/kg*		33.33		137	*53-151*			
Surr: Tetrachloro-m-xylene	***36.2***	*µg/kg*		33.33		109	*67-127*			

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2352181-002**

Method: EPA 8081B | **Dilution:** 1 | **Analysis Date:** 11/24/25 18:35 | **Prep Date:** 11/24/25 08:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDD	34.1	µg/kg	10.0	33.33		102	55-141			
4,4'-DDE	34.6	µg/kg	10.0	33.33		104	55-143			
4,4'-DDT	32.7	µg/kg	10.0	33.33		98.0	50-144			
Aldrin	35.3	µg/kg	10.0	33.33		106	57-141			
alpha-BHC	33.7	µg/kg	10.0	33.33		101	58-144			
beta-BHC	33.7	µg/kg	10.0	33.33		101	55-147			
cis-Chlordane	34.8	µg/kg	10.0	33.33		105	58-142			
delta-BHC	28.1	µg/kg	10.0	33.33		84.4	59-142			
Dieldrin	34.8	µg/kg	10.0	33.33		105	59-142			
Endosulfan I	33.7	µg/kg	10.0	33.33		101	57-145			
Endosulfan II	34.4	µg/kg	10.0	33.33		103	58-138			
Endosulfan sulfate	32.8	µg/kg	10.0	33.33		98.5	54-136			
Endrin	35.0	µg/kg	10.0	33.33		105	45-150			

QA/QC Report

Client: The Mannik & Smith Group, Inc.
Project: 11736 Mendota
Matrix: SOIL/SOLID
QC Lot: 2352181

Work Order: HN2517803
Date Collected: NA
Date Received: NA
Run ID: 3716752

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2352181-002**

Method: EPA 8081B | **Dilution:** 1 | **Analysis Date:** 11/24/25 18:35 | **Prep Date:** 11/24/25 08:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Endrin aldehyde	36.8	µg/kg	10.0	33.33		111	41-147			
Endrin ketone	33.2	µg/kg	10.0	33.33		99.7	54-146			
gamma-BHC (Lindane)	33.3	µg/kg	10.0	33.33		100	58-145			
Heptachlor	34.6	µg/kg	10.0	33.33		104	51-145			
Heptachlor epoxide	35.1	µg/kg	10.0	33.33		105	59-143			
Methoxychlor	29.7	µg/kg	10.0	33.33		89.2	43-144			
trans-Chlordane	34.7	µg/kg	10.0	33.33		104	56-145			
Surr: Decachlorobiphenyl	***44.8***	*µg/kg*		33.33		135	*51-151*			
Surr: Tetrachloro-m-xylene	***35.6***	*µg/kg*		33.33		107	*67-127*			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2352181-005**

Method: EPA 8081B | **Dilution:** 1 | **Analysis Date:** 11/25/25 02:16 | **Prep Date:** 11/24/25 08:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDD	35.7	µg/kg	10.4	33.043	<6.34	108	55-141			
4,4'-DDE	34.3	µg/kg	10.4	33.043	<6.53	104	55-143			
4,4'-DDT	27.9	µg/kg	10.4	33.043	<6.59	84.3	50-144			
Aldrin	34.9	µg/kg	10.4	33.043	<6.44	106	57-141			
alpha-BHC	33.7	µg/kg	10.4	33.043	<6.53	102	58-144			
beta-BHC	34.5	µg/kg	10.4	33.043	<6.51	104	55-147			
cis-Chlordane	34.7	µg/kg	10.4	33.043	<6.62	105	58-142			
delta-BHC	28.7	µg/kg	10.4	33.043	<6.49	86.9	59-142			
Dieldrin	34.6	µg/kg	10.4	33.043	<6.93	105	59-142			
Endosulfan I	33.2	µg/kg	10.4	33.043	<6.66	100	57-145			
Endosulfan II	34.5	µg/kg	10.4	33.043	<6.57	104	58-138			
Endosulfan sulfate	33.0	µg/kg	10.4	33.043	<6.10	100	54-135			
Endrin	33.3	µg/kg	10.4	33.043	<8.02	101	45-150			
Endrin aldehyde	38.9	µg/kg	10.4	33.043	<6.28	118	41-147			
Endrin ketone	32.7	µg/kg	10.4	33.043	<6.03	98.9	54-146			
gamma-BHC (Lindane)	33.9	µg/kg	10.4	33.043	<6.51	103	58-145			
Heptachlor	33.3	µg/kg	10.4	33.043	<6.40	101	51-145			
Heptachlor epoxide	34.9	µg/kg	10.4	33.043	<6.56	106	59-143			
Methoxychlor	27.3	µg/kg	10.4	33.043	<6.63	82.7	43-144			
trans-Chlordane	34.7	µg/kg	10.4	33.043	<6.58	105	56-145			
Surr: Decachlorobiphenyl	***42.2***	*µg/kg*		33.043		128	*53-151*			
Surr: Tetrachloro-m-xylene	***35.0***	*µg/kg*		33.043		106	*67-127*			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2352181-006**

Method: EPA 8081B | **Dilution:** 1 | **Analysis Date:** 11/25/25 02:31 | **Prep Date:** 11/24/25 08:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDD	34.8	µg/kg	10.2	32.466	<6.39	107	55-141	2.55	20	

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352181	**Run ID:**	3716752

MSD	**CLIENT ID: Batch QC**	**Lab ID: QC-2352181-006**
Method: EPA 8081B	**Dilution:** 1	**Analysis Date:** 11/25/25 02:31
		Prep Date: 11/24/25 08:45

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
4,4'-DDE	33.6	µg/kg	10.2	32.466	<6.59	103	55-143	2.29	20	
4,4'-DDT	27.1	µg/kg	10.2	32.466	<6.65	83.4	50-144	2.89	20	
Aldrin	34.3	µg/kg	10.2	32.466	<6.50	106	57-141	1.90	20	
alpha-BHC	33.0	µg/kg	10.2	32.466	<6.58	102	58-144	2.25	20	
beta-BHC	33.7	µg/kg	10.2	32.466	<6.57	104	55-147	2.34	20	
cis-Chlordane	33.9	µg/kg	10.2	32.466	<6.68	104	58-142	2.19	20	
delta-BHC	28.1	µg/kg	10.2	32.466	<6.55	86.4	59-142	2.34	20	
Dieldrin	33.8	µg/kg	10.2	32.466	<6.99	104	59-142	2.19	20	
Endosulfan I	33.0	µg/kg	10.2	32.466	<6.72	102	57-145	0.524	20	
Endosulfan II	33.5	µg/kg	10.2	32.466	<6.62	103	58-138	2.82	20	
Endosulfan sulfate	32.2	µg/kg	10.2	32.466	<6.15	99.3	54-135	2.51	20	
Endrin	32.4	µg/kg	10.2	32.466	<8.09	99.7	45-150	3.01	20	
Endrin aldehyde	38.1	µg/kg	10.2	32.466	<6.34	117	41-147	2.02	20	
Endrin ketone	32.2	µg/kg	10.2	32.466	<6.08	99.2	54-146	1.51	20	
gamma-BHC (Lindane)	33.0	µg/kg	10.2	32.466	<6.56	102	58-145	2.50	20	
Heptachlor	32.3	µg/kg	10.2	32.466	<6.45	99.6	51-145	2.91	20	
Heptachlor epoxide	34.2	µg/kg	10.2	32.466	<6.62	105	59-143	2.05	20	
Methoxychlor	26.0	µg/kg	10.2	32.466	<6.69	80.0	43-144	5.08	20	
trans-Chlordane	33.9	µg/kg	10.2	32.466	<6.64	104	56-145	2.19	20	
Surr: Decachlorobiphenyl	***41.3***	*µg/kg*		32.466		127	*53-151*	2.31	30	
Surr: Tetrachloro-m-xylene	***34.0***	*µg/kg*		32.466		105	*67-127*	2.85	30	

The following samples were analyzed in this batch: HN2517803-001, HN2517803-002, HN2517803-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352179	**Run ID:**	3717384

Polychlorinated Biphenyls (PCBs) by GC/ECD

MB | **CLIENT ID: Method Blank** | **Lab ID: QC-2352179-001**

Method: EPA 8082A | **Dilution:** 1 | **Analysis Date:** 11/24/25 16:53 | **Prep Date:** 11/24/25 09:06

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	***38.9***	*µg/kg*		33.3		117	*54-146*			
Surr: Tetrachloro-m-xylene	***35.4***	*µg/kg*		33.3		106	*58-140*			

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2352179-002**

Method: EPA 8082A | **Dilution:** 1 | **Analysis Date:** 11/24/25 17:04 | **Prep Date:** 11/24/25 09:06

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	759	µg/kg	66.7	833		91.1	71-135			
Aroclor 1260	752	µg/kg	66.7	833		90.3	67-135			
Surr: Decachlorobiphenyl	***35.8***	*µg/kg*		33.3		107	*54-146*			
Surr: Tetrachloro-m-xylene	***28.1***	*µg/kg*		33.3		84.3	*58-140*			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2352179-005**

Method: EPA 8082A | **Dilution:** 1 | **Analysis Date:** 11/24/25 17:28 | **Prep Date:** 11/24/25 09:06

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	851	µg/kg	68.8	817.82	<22.4	104	71-135			
Aroclor 1260	810	µg/kg	68.8	817.82	<18.3	99.1	67-135			
Surr: Decachlorobiphenyl	***38.2***	*µg/kg*		32.693		117	*54-146*			
Surr: Tetrachloro-m-xylene	***31.2***	*µg/kg*		32.693		95.5	*58-140*			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2352179-006**

Method: EPA 8082A | **Dilution:** 1 | **Analysis Date:** 11/24/25 17:40 | **Prep Date:** 11/24/25 09:06

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Aroclor 1016	879	µg/kg	69.9	831.68	<22.9	106	71-135	3.23	20	
Aroclor 1260	849	µg/kg	69.9	831.68	<18.6	102	67-135	4.66	20	
Surr: Decachlorobiphenyl	***38.9***	*µg/kg*		33.247		117	*54-146*	1.59	30	
Surr: Tetrachloro-m-xylene	***32.3***	*µg/kg*		33.247		97.2	*58-140*	3.45	30	

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352179	**Run ID:**	3717384

The following samples were analyzed in this batch: HN2517803-001, HN2517803-002, HN2517803-003

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352613	**Run ID:**	3720518

Semivolatile Organic Compounds by GC-MS

MB	CLIENT ID: Method Blank	Lab ID: QC-2352613-001

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 11/25/25 16:00

Prep Date: 11/25/25 15:28

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:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352613	**Run ID:**	3720518

MB **CLIENT ID: Method Blank** **Lab ID: QC-2352613-001**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 11/25/25 16:00

Prep Date: 11/25/25 15:28

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	***2680***	*µg/kg*		3333		80.4	*48-94*			
Surr: 2-Fluorobiphenyl	***2640***	*µg/kg*		3333		79.3	*50-103*			
Surr: 2-Fluorophenol	***2670***	*µg/kg*		3333		80.2	*43-105*			
Surr: 4-Terphenyl-d14	***2790***	*µg/kg*		3333		83.8	*55-111*			
Surr: Nitrobenzene-d5	***2530***	*µg/kg*		3333		75.8	*47-100*			
Surr: Phenol-d6	***2590***	*µg/kg*		3333		77.7	*49-110*			

LCS **CLIENT ID: Laboratory Control Sample** **Lab ID: QC-2352613-002**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 11/25/25 16:20

Prep Date: 11/25/25 15:28

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	951	µg/kg	33.0	1333		71.4	57-101			
1,2,4,5-Tetrachlorobenzene	985	µg/kg	333	1333		73.9	54-98			
1-Methylnaphthalene	984	µg/kg	6.67	1333		73.8	56-100			
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	835	µg/kg	33.0	1333		62.6	50-101			
2,3,4,6-Tetrachlorophenol	891	µg/kg	67.0	1333		66.8	48-103			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352613	**Run ID:**	3720518

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2352613-002

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 11/25/25 16:20

Prep Date: 11/25/25 15:28

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2,4,5-Trichlorophenol	1060	µg/kg	33.0	1333		79.7	54-98			
2,4,6-Trichlorophenol	937	µg/kg	33.0	1333		70.3	56-97			
2,4-Dichlorophenol	986	µg/kg	33.0	1333		74.0	54-99			
2,4-Dimethylphenol	893	µg/kg	33.0	1333		67.0	47-102			
2,4-Dinitrophenol	646	µg/kg	333	1333		48.5	10-100			
2,4-Dinitrotoluene (2,4-DNT)	931	µg/kg	33.0	1333		69.8	62-105			
2,6-Dinitrotoluene (2,6-DNT)	952	µg/kg	33.0	1333		71.4	62-103			
2-Chloronaphthalene	1010	µg/kg	6.67	1333		75.5	57-101			
2-Chlorophenol	945	µg/kg	33.0	1333		70.9	52-102			
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	891	µg/kg	33.0	1333		66.8	42-104			
2-Methylnaphthalene	991	µg/kg	6.67	1333		74.4	55-102			
2-Methylphenol (o-Cresol)	877	µg/kg	33.0	1333		65.8	54-103			
2-Nitroaniline	957	µg/kg	33.0	1333		71.8	57-103			
2-Nitrophenol	1020	µg/kg	33.0	1333		76.8	52-102			
3&4-Methylphenol	879	µg/kg	33.0	1333		66.0	56-103			
3,3'-Dichlorobenzidine	764	µg/kg	167	1333		57.3	41-91			
3-Nitroaniline	591	µg/kg	33.0	1333		44.4	35-107			
4-Bromophenyl phenyl ether (BDE-3)	1090	µg/kg	33.0	1333		81.7	63-104			
4-Chloro-3-methylphenol	967	µg/kg	33.0	1333		72.6	57-103			
4-Chloroaniline	932	µg/kg	67.0	1333		69.9	32-99			
4-Chlorophenyl phenylether	955	µg/kg	33.0	1333		71.6	62-100			
4-Nitroaniline	391	µg/kg	167	1333		29.3	19-124			
4-Nitrophenol	843	µg/kg	333	1333		63.2	44-106			
Acenaphthene	985	µg/kg	6.67	1333		73.9	60-101			
Acenaphthylene	1010	µg/kg	6.67	1333		75.9	59-101			
Acetophenone	870	µg/kg	33.0	1333		65.3	54-102			
Anthracene	1050	µg/kg	6.67	1333		78.9	63-96			
Atrazine	859	µg/kg	33.0	1333		64.4	60-110			
Benzaldehyde	121	µg/kg	67.0	1333		9.10	10-143			S
Benzo(a)anthracene	1060	µg/kg	6.67	1333		79.2	66-102			
Benzo(a)pyrene	1090	µg/kg	6.67	1333		81.9	66-105			
Benzo(b)fluoranthene	1110	µg/kg	6.67	1333		83.1	67-105			
Benzo(g,h,i)perylene	1010	µg/kg	6.67	1333		75.7	59-110			
Benzo(k)fluoranthene	1100	µg/kg	6.67	1333		82.4	68-106			
bis(2-Chloroethoxy)methane	835	µg/kg	33.0	1333		62.6	54-102			
bis(2-Chloroethyl) ether	921	µg/kg	33.0	1333		69.1	51-101			
Butyl benzyl phthalate	1050	µg/kg	67.0	1333		78.9	59-107			
Caprolactam	849	µg/kg	33.0	1333		63.7	49-103			
Carbazole	959	µg/kg	33.0	1333		72.0	63-103			
Chrysene	1040	µg/kg	6.67	1333		78.3	66-105			
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	1100	µg/kg	33.0	1333		82.4	63-101			
Dibenz(a,h) anthracene	1050	µg/kg	33.0	1333		78.7	61-109			
Dibenzofuran	973	µg/kg	33.0	1333		73.0	61-101			
Diethyl phthalate	947	µg/kg	33.0	1333		71.1	63-105			

QA/QC Report

Client: The Mannik & Smith Group, Inc.
Project: 11736 Mendota
Matrix: SOIL/SOLID
QC Lot: 2352613

Work Order: HN2517803
Date Collected: NA
Date Received: NA
Run ID: 3720518

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2352613-002**

Method: EPA 8270E | **Dilution:** 1 | **Analysis Date:** 11/25/25 16:20 | **Prep Date:** 11/25/25 15:28

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Dimethyl phthalate	961	µg/kg	33.0	1333		72.1	64-104			
Fluoranthene	955	µg/kg	6.67	1333		71.6	66-105			
Fluorene	958	µg/kg	6.67	1333		71.9	62-101			
Hexachlorobenzene	1070	µg/kg	33.0	1333		80.3	61-104			
Hexachlorobutadiene	1000	µg/kg	33.0	1333		75.2	52-99			
Hexachlorocyclopentadiene	1070	µg/kg	33.0	1333		80.1	39-106			
Hexachloroethane	929	µg/kg	33.0	1333		69.7	59-99			
Indeno(1,2,3-cd) pyrene	1070	µg/kg	6.67	1333		80.1	57-114			
Isophorone	988	µg/kg	167	1333		74.1	55-101			
Methylphenol, Total	1760	µg/kg	67.0	2667		65.8	54-103			
Naphthalene	987	µg/kg	6.67	1333		74.1	54-99			
Nitrobenzene	971	µg/kg	167	1333		72.9	53-100			
n-Nitrosodi-n-propylamine	906	µg/kg	33.0	1333		68.0	52-104			
N-Nitrosodiphenylamine	1070	µg/kg	33.0	1333		80.1	61-104			
Pentachlorophenol	897	µg/kg	33.0	1333		67.3	35-100			
Phenanthrene	1010	µg/kg	6.67	1333		76.1	64-101			
Phenol	938	µg/kg	33.0	1333		70.4	51-107			
Pyrene	1180	µg/kg	6.67	1333		88.3	62-114			
Pyridine	768	µg/kg	167	1333		57.6	40-84			
Surr: 2,4,6-Tribromophenol	***2710***	*µg/kg*		3333		81.4	*48-94*			
Surr: 2-Fluorobiphenyl	***2560***	*µg/kg*		3333		76.8	*50-103*			
Surr: 2-Fluorophenol	***2450***	*µg/kg*		3333		73.6	*43-105*			
Surr: 4-Terphenyl-d14	***2910***	*µg/kg*		3333		87.3	*55-111*			
Surr: Nitrobenzene-d5	***2500***	*µg/kg*		3333		75.1	*47-100*			
Surr: Phenol-d6	***2440***	*µg/kg*		3333		73.3	*49-110*			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2352613-005**

Method: EPA 8270E | **Dilution:** 1 | **Analysis Date:** 11/25/25 16:41 | **Prep Date:** 11/25/25 15:28

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	1670	µg/kg	57.8	2219.2	<9.01	75.3	57-101			
1,2,4,5-Tetrachlorobenzene	1750	µg/kg	583	2219.2	<12.8	78.8	54-98			
1-Methylnaphthalene	1800	µg/kg	11.7	2219.2	<7.99	81.0	56-100			
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1490	µg/kg	57.8	2219.2	<13.0	66.9	50-101			
2,3,4,6-Tetrachlorophenol	1640	µg/kg	117	2219.2	<40.6	73.7	48-103			
2,4,5-Trichlorophenol	1940	µg/kg	57.8	2219.2	<32.9	87.4	54-98			
2,4,6-Trichlorophenol	1740	µg/kg	57.8	2219.2	<14.8	78.3	56-97			
2,4-Dichlorophenol	1790	µg/kg	57.8	2219.2	<29.9	80.8	54-99			
2,4-Dimethylphenol	1500	µg/kg	57.8	2219.2	<28.5	67.8	47-102			
2,4-Dinitrophenol	667	µg/kg	583	2219.2	<406	30.1	10-100			
2,4-Dinitrotoluene (2,4-DNT)	1670	µg/kg	57.8	2219.2	<36.0	75.4	62-105			
2,6-Dinitrotoluene (2,6-DNT)	1710	µg/kg	57.8	2219.2	<14.2	76.9	62-103			
2-Chloronaphthalene	1810	µg/kg	11.7	2219.2	<7.76	81.5	57-101			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352613	**Run ID:**	3720518

MS	**CLIENT ID: Batch QC**	**Lab ID: QC-2352613-005**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 11/25/25 16:41

Prep Date: 11/25/25 15:28

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
2-Chlorophenol	1660	µg/kg	57.8	2219.2	<36.3	74.7	52-102			
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	1520	µg/kg	57.8	2219.2	<46.3	68.5	42-104			
2-Methylnaphthalene	1740	µg/kg	11.7	2219.2	<5.64	78.4	55-102			
2-Methylphenol (o-Cresol)	1550	µg/kg	57.8	2219.2	<15.0	69.9	54-103			
2-Nitroaniline	1700	µg/kg	57.8	2219.2	<30.8	76.6	57-103			
2-Nitrophenol	1880	µg/kg	57.8	2219.2	<15.8	84.8	52-102			
3&4-Methylphenol	1550	µg/kg	57.8	2219.2	<30.2	69.9	56-103			
3,3'-Dichlorobenzidine	1510	µg/kg	292	2219.2	<25.9	68.3	41-91			
3-Nitroaniline	1060	µg/kg	57.8	2219.2	<32.2	48.0	35-107			
4-Bromophenyl phenyl ether (BDE-3)	1940	µg/kg	57.8	2219.2	<30.4	87.4	63-104			
4-Chloro-3-methylphenol	1720	µg/kg	57.8	2219.2	<15.8	77.6	57-103			
4-Chloroaniline	1650	µg/kg	117	2219.2	<28.2	74.4	32-99			
4-Chlorophenyl phenylether	1710	µg/kg	57.8	2219.2	<15.3	77.0	62-100			
4-Nitroaniline	644	µg/kg	292	2219.2	<86.1	29.0	19-124			
4-Nitrophenol	1530	µg/kg	583	2219.2	<130	69.2	44-106			
Acenaphthene	1740	µg/kg	11.7	2219.2	<8.02	78.5	60-101			
Acenaphthylene	1840	µg/kg	11.7	2219.2	<9.62	82.7	59-101			
Acetophenone	1520	µg/kg	57.8	2219.2	<8.69	68.6	54-102			
Anthracene	1840	µg/kg	11.7	2219.2	<7.82	82.9	63-96			
Atrazine	1510	µg/kg	57.8	2219.2	<32.5	68.0	60-110			
Benzaldehyde	224	µg/kg	117	2219.2	<85.2	10.1	10-143			
Benzo(a)anthracene	1830	µg/kg	11.7	2219.2	<9.59	82.0	66-102			
Benzo(a)pyrene	1920	µg/kg	11.7	2219.2	<6.81	86.4	66-105			
Benzo(b)fluoranthene	1930	µg/kg	11.7	2219.2	<8.27	86.9	67-105			
Benzo(g,h,i)perylene	1760	µg/kg	11.7	2219.2	<8.51	79.5	59-110			
Benzo(k)fluoranthene	1850	µg/kg	11.7	2219.2	<8.41	83.3	68-106			
bis(2-Chloroethoxy)methane	1490	µg/kg	57.8	2219.2	<35.1	66.9	54-102			
bis(2-Chloroethyl) ether	1580	µg/kg	57.8	2219.2	<15.7	71.4	51-101			
Butyl benzyl phthalate	1880	µg/kg	117	2219.2	<69.5	84.6	59-107			
Caprolactam	1450	µg/kg	57.8	2219.2	<50.1	65.3	49-103			
Carbazole	1690	µg/kg	57.8	2219.2	<16.4	76.1	63-103			
Chrysene	1810	µg/kg	11.7	2219.2	<9.47	81.8	66-105			
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	1930	µg/kg	57.8	2219.2	<45.9	87.0	63-101			
Dibenz(a,h) anthracene	1860	µg/kg	57.8	2219.2	<5.99	83.6	61-109			
Dibenzofuran	1750	µg/kg	57.8	2219.2	<8.16	78.7	61-101			
Diethyl phthalate	1660	µg/kg	57.8	2219.2	<18.9	74.8	63-105			
Dimethyl phthalate	1700	µg/kg	57.8	2219.2	<10.8	76.4	64-104			
Fluoranthene	1660	µg/kg	11.7	2219.2	<5.33	74.6	66-105			
Fluorene	1710	µg/kg	11.7	2219.2	<8.06	77.3	62-101			
Hexachlorobenzene	1920	µg/kg	57.8	2219.2	<16.1	86.7	61-104			
Hexachlorobutadiene	1800	µg/kg	57.8	2219.2	<13.1	81.2	52-99			
Hexachlorocyclopentadiene	1940	µg/kg	57.8	2219.2	<54.3	87.3	39-106			
Hexachloroethane	1650	µg/kg	57.8	2219.2	<23.0	74.6	59-99			
Indeno(1,2,3-cd) pyrene	1860	µg/kg	11.7	2219.2	<7.72	83.9	57-114			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352613	**Run ID:**	3720518

MS **CLIENT ID: Batch QC** **Lab ID: QC-2352613-005**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 11/25/25 16:41

Prep Date: 11/25/25 15:28

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Isophorone	1770	µg/kg	292	2219.2	<10.8	79.6	55-101			
Methylphenol, Total	3100	µg/kg	57.8	4440.1	<15.0	69.8	54-103			
Naphthalene	1780	µg/kg	11.7	2219.2	<7.09	80.3	54-99			
Nitrobenzene	1760	µg/kg	292	2219.2	<18.6	79.1	53-100			
n-Nitrosodi-n-propylamine	1540	µg/kg	57.8	2219.2	<9.16	69.6	52-104			
N-Nitrosodiphenylamine	1940	µg/kg	57.8	2219.2	<32.1	87.3	61-104			
Pentachlorophenol	1560	µg/kg	57.8	2219.2	<44.1	70.3	35-100			
Phenanthrene	1810	µg/kg	11.7	2219.2	<5.16	81.6	64-101			
Phenol	1630	µg/kg	57.8	2219.2	<27.9	73.6	51-107			
Pyrene	2050	µg/kg	11.7	2219.2	<5.54	92.5	52-114			
Pyridine	1520	µg/kg	292	2219.2	<109	68.6	40-84			
Surr: 2,4,6-Tribromophenol	***4610***	*µg/kg*		5548.8		83.1	*48-94*			
Surr: 2-Fluorobiphenyl	***4570***	*µg/kg*		5548.8		82.3	*50-103*			
Surr: 2-Fluorophenol	***4270***	*µg/kg*		5548.8		76.9	*43-105*			
Surr: 4-Terphenyl-d14	***4910***	*µg/kg*		5548.8		88.5	*55-111*			
Surr: Nitrobenzene-d5	***4450***	*µg/kg*		5548.8		80.2	*47-100*			
Surr: Phenol-d6	***4180***	*µg/kg*		5548.8		75.3	*49-110*			

MSD **CLIENT ID: Batch QC** **Lab ID: QC-2352613-006**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 11/25/25 17:02

Prep Date: 11/25/25 15:28

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1'-Biphenyl (BZ-0)	1890	µg/kg	57.8	2219.2	<9.01	85.2	57-101	12.3	30	
1,2,4,5-Tetrachlorobenzene	1940	µg/kg	583	2219.2	<12.8	87.5	54-98	10.5	30	
1-Methylnaphthalene	1970	µg/kg	11.7	2219.2	<7.99	88.8	56-100	9.13	30	
2,2'-Oxybis(1-chloropropane), bis(2-Chloro-1-methylethyl)ether	1690	µg/kg	57.8	2219.2	<13.0	76.2	50-101	12.9	30	
2,3,4,6-Tetrachlorophenol	2070	µg/kg	117	2219.2	<40.6	93.2	48-103	23.3	30	
2,4,5-Trichlorophenol	2010	µg/kg	57.8	2219.2	<32.9	90.7	54-98	3.65	30	
2,4,6-Trichlorophenol	1780	µg/kg	57.8	2219.2	<14.8	80.1	56-97	2.34	30	
2,4-Dichlorophenol	1930	µg/kg	57.8	2219.2	<29.9	87.0	54-99	7.39	30	
2,4-Dimethylphenol	1640	µg/kg	57.8	2219.2	<28.5	74.0	47-102	8.82	30	
2,4-Dinitrophenol	660	µg/kg	583	2219.2	<406	29.8	10-100	1.00	30	
2,4-Dinitrotoluene (2,4-DNT)	1910	µg/kg	57.8	2219.2	<36.0	86.0	62-105	13.2	30	
2,6-Dinitrotoluene (2,6-DNT)	1930	µg/kg	57.8	2219.2	<14.2	86.9	62-103	12.2	30	
2-Chloronaphthalene	1860	µg/kg	11.7	2219.2	<7.76	83.8	57-101	2.84	30	
2-Chlorophenol	1870	µg/kg	57.8	2219.2	<36.3	84.1	52-102	11.8	30	
2-Methyl-4,6-dinitrophenol (4,6-Dinitro-2-methylphenol)	1620	µg/kg	57.8	2219.2	<46.3	72.9	42-104	6.22	30	
2-Methylnaphthalene	1880	µg/kg	11.7	2219.2	<5.64	84.6	55-102	7.61	30	
2-Methylphenol (o-Cresol)	1800	µg/kg	57.8	2219.2	<15.0	81.0	54-103	14.7	30	
2-Nitroaniline	1830	µg/kg	57.8	2219.2	<30.8	82.3	57-103	7.11	30	
2-Nitrophenol	1980	µg/kg	57.8	2219.2	<15.8	89.2	52-102	5.12	30	
3&4-Methylphenol	1750	µg/kg	57.8	2219.2	<30.2	79.0	56-103	12.3	30	
3,3'-Dichlorobenzidine	1660	µg/kg	292	2219.2	<25.9	74.6	41-91	8.89	30	

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352613	**Run ID:**	3720518

MSD	**CLIENT ID: Batch QC**	**Lab ID: QC-2352613-006**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 11/25/25 17:02

Prep Date: 11/25/25 15:28

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
3-Nitroaniline	1150	µg/kg	57.8	2219.2	<32.2	51.7	35-107	7.53	30	
4-Bromophenyl phenyl ether (BDE-3)	1970	µg/kg	57.8	2219.2	<30.4	88.9	63-104	1.65	30	
4-Chloro-3-methylphenol	1950	µg/kg	57.8	2219.2	<15.8	87.7	57-103	12.2	30	
4-Chloroaniline	1980	µg/kg	117	2219.2	<28.2	89.3	32-99	18.3	30	
4-Chlorophenyl phenylether	1880	µg/kg	57.8	2219.2	<15.3	84.8	62-100	9.65	30	
4-Nitroaniline	693	µg/kg	292	2219.2	<86.1	31.2	19-124	7.31	30	
4-Nitrophenol	1810	µg/kg	583	2219.2	<130	81.4	44-106	16.2	30	
Acenaphthene	1850	µg/kg	11.7	2219.2	<8.02	83.4	60-101	6.05	30	
Acenaphthylene	1920	µg/kg	11.7	2219.2	<9.62	86.5	59-101	4.43	30	
Acetophenone	1730	µg/kg	57.8	2219.2	<8.69	78.1	54-102	13.0	30	
Anthracene	1920	µg/kg	11.7	2219.2	<7.82	86.7	63-96	4.42	30	
Atrazine	1850	µg/kg	57.8	2219.2	<32.5	83.4	60-110	20.3	30	
Benzaldehyde	209	µg/kg	117	2219.2	<85.2	9.40	10-143	7.18	30	S
Benzo(a)anthracene	1980	µg/kg	11.7	2219.2	<9.59	88.8	66-102	7.93	30	
Benzo(a)pyrene	2000	µg/kg	11.7	2219.2	<6.81	90.1	66-105	4.20	30	
Benzo(b)fluoranthene	1940	µg/kg	11.7	2219.2	<8.27	87.4	67-105	0.574	30	
Benzo(g,h,i)perylene	1970	µg/kg	11.7	2219.2	<8.51	88.8	59-110	11.1	30	
Benzo(k)fluoranthene	2010	µg/kg	11.7	2219.2	<8.41	90.5	68-106	8.29	30	
bis(2-Chloroethoxy)methane	1690	µg/kg	57.8	2219.2	<35.1	76.2	54-102	12.9	30	
bis(2-Chloroethyl) ether	1780	µg/kg	57.8	2219.2	<15.7	80.2	51-101	11.5	30	
Butyl benzyl phthalate	1960	µg/kg	117	2219.2	<69.5	88.2	59-107	4.17	30	
Caprolactam	1860	µg/kg	57.8	2219.2	<50.1	84.0	49-103	25.1	30	
Carbazole	1890	µg/kg	57.8	2219.2	<16.4	85.1	63-103	11.2	30	
Chrysene	1900	µg/kg	11.7	2219.2	<9.47	85.8	66-105	4.78	30	
Di(2-ethylhexyl) phthalate (bis(2-Ethylhexyl)phthalate, DEHP)	2060	µg/kg	57.8	2219.2	<45.9	93.0	63-101	6.72	30	
Dibenz(a,h) anthracene	2040	µg/kg	57.8	2219.2	<5.99	92.0	61-109	9.57	30	
Dibenzofuran	1870	µg/kg	57.8	2219.2	<8.16	84.3	61-101	6.87	30	
Diethyl phthalate	1900	µg/kg	57.8	2219.2	<18.9	85.4	63-105	13.3	30	
Dimethyl phthalate	1890	µg/kg	57.8	2219.2	<10.8	85.1	64-104	10.7	30	
Fluoranthene	1920	µg/kg	11.7	2219.2	<5.33	86.4	66-105	14.7	30	
Fluorene	1870	µg/kg	11.7	2219.2	<8.06	84.5	62-101	8.91	30	
Hexachlorobenzene	1970	µg/kg	57.8	2219.2	<16.1	88.7	61-104	2.28	30	
Hexachlorobutadiene	1960	µg/kg	57.8	2219.2	<13.1	88.3	52-99	8.38	30	
Hexachlorocyclopentadiene	1730	µg/kg	57.8	2219.2	<54.3	78.1	39-106	11.1	30	
Hexachloroethane	1810	µg/kg	57.8	2219.2	<23.0	81.7	59-99	9.09	30	
Indeno(1,2,3-cd) pyrene	2050	µg/kg	11.7	2219.2	<7.72	92.6	57-114	9.80	30	
Isophorone	1920	µg/kg	292	2219.2	<10.8	86.7	55-101	8.54	30	
Methylphenol, Total	3550	µg/kg	67.0	4440.1	<15.0	80.0	54-103	13.5	30	
Naphthalene	1880	µg/kg	11.7	2219.2	<7.09	84.9	54-99	5.57	30	
Nitrobenzene	1810	µg/kg	292	2219.2	<18.6	81.5	53-100	2.93	30	
n-Nitrosodi-n-propylamine	1850	µg/kg	57.8	2219.2	<9.16	83.4	52-104	18.0	30	
N-Nitrosodiphenylamine	1930	µg/kg	57.8	2219.2	<32.1	86.9	61-104	0.402	30	
Pentachlorophenol	1710	µg/kg	57.8	2219.2	<44.1	77.1	35-100	9.23	30	
Phenanthrene	1930	µg/kg	11.7	2219.2	<5.16	86.9	64-101	6.35	30	
Phenol	1830	µg/kg	57.8	2219.2	<27.9	82.7	51-107	11.6	30	

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352613	**Run ID:**	3720518

MSD	**CLIENT ID: Batch QC**	**Lab ID: QC-2352613-006**

Method: EPA 8270E **Dilution:** 1 **Analysis Date:** 11/25/25 17:02

Prep Date: 11/25/25 15:28

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Pyrene	1990	µg/kg	11.7	2219.2	<5.54	89.8	52-114	2.96	30	
Pyridine	1660	µg/kg	292	2219.2	<109	74.8	40-84	8.58	30	
Surr: 2,4,6-Tribromophenol	***4860***	*µg/kg*		5548.8		87.6	*48-94*	5.30	30	
Surr: 2-Fluorobiphenyl	***4640***	*µg/kg*		5548.8		83.6	*50-103*	1.62	30	
Surr: 2-Fluorophenol	***4680***	*µg/kg*		5548.8		84.3	*43-105*	9.16	30	
Surr: 4-Terphenyl-d14	***4850***	*µg/kg*		5548.8		87.5	*55-111*	1.20	30	
Surr: Nitrobenzene-d5	***4500***	*µg/kg*		5548.8		81.0	*47-100*	0.992	30	
Surr: Phenol-d6	***4720***	*µg/kg*		5548.8		85.0	*49-110*	12.1	30	

The following samples were analyzed in this batch: HN2517803-001, HN2517803-002, HN2517803-003

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352453	**Run ID:**	3732030

Volatile Organic Compounds by GC-MS

MB	CLIENT ID: Method Blank	Lab ID: QC-2352453-001

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 11/26/25 20:35

Prep Date: 11/24/25 16:42

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:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352453	**Run ID:**	3732030

MB **CLIENT ID: Method Blank** **Lab ID: QC-2352453-001**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 11/26/25 20:35

Prep Date: 11/24/25 16:42

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	***1090***	*µg/kg*		1000		109	*80-120*			
Surr: 4-Bromofluorobenzene	***978***	*µg/kg*		1000		97.8	*80-120*			
Surr: Dibromofluoromethane	***942***	*µg/kg*		1000		94.2	*72-120*			
Surr: Toluene-d8	***994***	*µg/kg*		1000		99.4	*80-120*			

LCS **CLIENT ID: Laboratory Control Sample** **Lab ID: QC-2352453-002**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 11/26/25 19:47

Prep Date: 11/24/25 16:42

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	1090	µg/kg	30.0	1000		109	75-121			
1,1,2,2-Tetrachloroethane	1020	µg/kg	30.0	1000		102	79-125			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1060	µg/kg	30.0	1000		106	62-129			
1,1,2-Trichloroethane	944	µg/kg	30.0	1000		94.4	80-123			
1,1-Dichloroethane	1030	µg/kg	30.0	1000		103	74-124			
1,1-Dichloroethylene	1120	µg/kg	30.0	1000		112	68-131			
1,2,3-Trichlorobenzene	960	µg/kg	100	1000		96.0	60-135			
1,2,3-Trichloropropane	978	µg/kg	30.0	1000		97.8	77-121			
1,2,4-Trichlorobenzene	965	µg/kg	100	1000		96.5	63-130			
1,2,4-Trimethylbenzene	915	µg/kg	30.0	1000		91.5	64-126			
1,2-Dibromo-3-chloropropane (DBCP)	968	µg/kg	100	1000		96.8	55-135			
1,2-Dibromoethane (EDB, Ethylene dibromide)	976	µg/kg	30.0	1000		97.6	63-155			
1,2-Dichlorobenzene (o-Dichlorobenzene)	1040	µg/kg	30.0	1000		104	77-122			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352453	**Run ID:**	3732030

LCS	CLIENT ID: Laboratory Control Sample	Lab ID: QC-2352453-002

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 11/26/25 19:47

Prep Date: 11/24/25 16:42

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,2-Dichloroethane (Ethylene dichloride)	1090	µg/kg	100	1000		109	70-130			
1,2-Dichloropropane	1000	µg/kg	30.0	1000		100	71-130			
1,3,5-Trimethylbenzene	954	µg/kg	100	1000		95.4	66-130			
1,3-Dichlorobenzene (m-Dichlorobenzene)	948	µg/kg	30.0	1000		94.8	78-121			
1,3-Dichloropropene	1680	µg/kg	60.0	2000		83.8	62-124			
1,4-Dichlorobenzene (p-Dichlorobenzene)	980	µg/kg	30.0	1000		98.0	78-122			
2-Butanone (Methyl ethyl ketone, MEK)	966	µg/kg	200	1000		96.6	47-164			
2-Hexanone	1060	µg/kg	30.0	1000		106	70-137			
4-Methyl-2-pentanone (MIBK)	1450	µg/kg	30.0	1000		145	57-200			
Acetone	1340	µg/kg	100	1000		134	52-190			
Benzene	1030	µg/kg	30.0	1000		103	78-122			
Bromochloromethane	1060	µg/kg	30.0	1000		106	68-130			
Bromodichloromethane	1080	µg/kg	30.0	1000		108	75-125			
Bromoform	921	µg/kg	30.0	1000		92.1	59-120			
Carbon disulfide	1230	µg/kg	30.0	1000		123	60-163			
Carbon tetrachloride	1250	µg/kg	30.0	1000		125	69-123			S
Chlorobenzene	959	µg/kg	30.0	1000		95.9	79-120			
Chlorodibromomethane	870	µg/kg	30.0	1000		87.0	57-123			
Chloroethane (Ethyl chloride)	804	µg/kg	100	1000		80.4	38-132			
Chloroform	1020	µg/kg	30.0	1000		102	72-122			
cis-1,2-Dichloroethylene	1040	µg/kg	30.0	1000		104	74-125			
cis-1,3-Dichloropropene	870	µg/kg	30.0	1000		87.0	62-124			
Dichlorodifluoromethane (Freon-12)	620	µg/kg	100	1000		62.0	28-137			
Ethylbenzene	962	µg/kg	30.0	1000		96.2	75-121			
Isopropylbenzene	958	µg/kg	30.0	1000		95.8	74-121			
m+p-Xylene	1960	µg/kg	60.0	2000		98.0	67-129			
Methyl acetate	1070	µg/kg	250	1000		107	61-125			
Methyl bromide (Bromomethane)	717	µg/kg	100	1000		71.7	31-169			
Methyl chloride (Chloromethane)	808	µg/kg	100	1000		80.8	24-119			
Methyl tert-butyl ether (MTBE)	988	µg/kg	30.0	1000		98.8	79-139			
Methylene chloride (Dichloromethane)	1140	µg/kg	250	1000		114	62-135			
o-Xylene	962	µg/kg	30.0	1000		96.2	75-120			
Styrene	975	µg/kg	30.0	1000		97.5	74-126			
Tetrachloroethylene (Perchloroethylene)	956	µg/kg	30.0	1000		95.6	76-128			
Toluene	998	µg/kg	30.0	1000		99.8	76-120			
Total Xylene	2920	µg/kg	90.0	3000		97.4	67-129			
trans-1,2-Dichloroethylene	1040	µg/kg	30.0	1000		104	72-127			
trans-1,3-Dichloropropylene	805	µg/kg	30.0	1000		80.5	66-120			
Trichloroethene (Trichloroethylene)	972	µg/kg	30.0	1000		97.2	75-122			
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	893	µg/kg	30.0	1000		89.3	51-115			
Vinyl chloride (Chloroethene)	852	µg/kg	30.0	1000		85.2	43-128			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352453	**Run ID:**	3732030

LCS | **CLIENT ID: Laboratory Control Sample** | **Lab ID: QC-2352453-002**

Method: EPA 8260D | **Dilution:** 1 | **Analysis Date:** 11/26/25 19:47 | **Prep Date:** 11/24/25 16:42

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Surr: 1,2-Dichloroethane-d4	***1070***	*µg/kg*		1000		107	*80-120*			
Surr: 4-Bromofluorobenzene	***983***	*µg/kg*		1000		98.3	*80-120*			
Surr: Dibromofluoromethane	***1090***	*µg/kg*		1000		109	*72-120*			
Surr: Toluene-d8	***978***	*µg/kg*		1000		97.8	*80-120*			

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2352453-005**

Method: EPA 8260D | **Dilution:** 1 | **Analysis Date:** 11/27/25 02:43 | **Prep Date:** 11/24/25 16:42

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	1130	µg/kg	33.6	985.22	<13.4	115	75-121			
1,1,2,2-Tetrachloroethane	619	µg/kg	33.6	985.22	<13.0	62.8	79-125			S
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1060	µg/kg	33.6	985.22	<18.7	108	62-129			
1,1,2-Trichloroethane	989	µg/kg	33.6	985.22	<12.6	100	80-123			
1,1-Dichloroethane	923	µg/kg	33.6	985.22	<10.8	93.7	74-124			
1,1-Dichloroethylene	978	µg/kg	33.6	985.22	<9.58	99.3	68-131			
1,2,3-Trichlorobenzene	900	µg/kg	112	985.22	<35.5	91.4	60-135			
1,2,3-Trichloropropane	1010	µg/kg	33.6	985.22	<12.4	103	77-121			
1,2,4-Trichlorobenzene	912	µg/kg	112	985.22	<33.5	92.6	63-130			
1,2,4-Trimethylbenzene	966	µg/kg	33.6	985.22	<21.7	98.0	64-126			
1,2-Dibromo-3-chloropropane (DBCP)	833	µg/kg	112	985.22	<27.2	84.5	55-135			
1,2-Dibromoethane (EDB, Ethylene dibromide)	973	µg/kg	33.6	985.22	<17.4	98.8	63-155			
1,2-Dichlorobenzene (o-Dichlorobenzene)	945	µg/kg	33.6	985.22	<11.2	96.0	77-122			
1,2-Dichloroethane (Ethylene dichloride)	1010	µg/kg	112	985.22	<25.9	103	70-130			
1,2-Dichloropropane	921	µg/kg	33.6	985.22	<21.8	93.4	71-130			
1,3,5-Trimethylbenzene	1010	µg/kg	112	985.22	<20.9	102	66-130			
1,3-Dichlorobenzene (m-Dichlorobenzene)	943	µg/kg	33.6	985.22	<20.4	95.7	78-121			
1,3-Dichloropropene	1650	µg/kg	67.2	1970.4	<16.5	83.8	62-124			
1,4-Dichlorobenzene (p-Dichlorobenzene)	933	µg/kg	33.6	985.22	<24.0	94.8	78-122			
2-Butanone (Methyl ethyl ketone, MEK)	783	µg/kg	224	985.22	<70.4	79.4	47-164			
2-Hexanone	995	µg/kg	33.6	985.22	<14.7	101	70-137			
4-Methyl-2-pentanone (MIBK)	1010	µg/kg	33.6	985.22	<27.5	102	57-200			
Acetone	1830	µg/kg	112	985.22	<87.7	186	52-190			
Benzene	1030	µg/kg	33.6	985.22	<14.3	104	78-122			
Bromochloromethane	838	µg/kg	33.6	985.22	<15.0	85.1	68-130			
Bromodichloromethane	1030	µg/kg	33.6	985.22	<16.6	104	75-125			
Bromoform	869	µg/kg	33.6	985.22	<12.4	88.2	59-120			
Carbon disulfide	1010	µg/kg	33.6	985.22	<15.3	102	60-163			
Carbon tetrachloride	1270	µg/kg	33.6	985.22	<11.6	129	69-123			S
Chlorobenzene	990	µg/kg	33.6	985.22	<9.81	100	79-120			

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352453	**Run ID:**	3732030

MS | **CLIENT ID: Batch QC** | **Lab ID: QC-2352453-005**

Method: EPA 8260D | **Dilution:** 1 | **Analysis Date:** 11/27/25 02:43 | **Prep Date:** 11/24/25 16:42

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
Chlorodibromomethane	828	µg/kg	33.6	985.22	<16.6	84.0	57-123			
Chloroethane (Ethyl chloride)	714	µg/kg	112	985.22	<82.8	72.5	38-132			
Chloroform	904	µg/kg	33.6	985.22	<10.8	91.8	72-122			
cis-1,2-Dichloroethylene	914	µg/kg	33.6	985.22	<19.0	92.8	74-125			
cis-1,3-Dichloropropene	897	µg/kg	33.6	985.22	<22.3	91.0	62-124			
Dichlorodifluoromethane (Freon-12)	477	µg/kg	112	985.22	<35.8	48.4	28-137			
Ethylbenzene	1000	µg/kg	33.6	985.22	<21.0	102	75-121			
Isopropylbenzene	1020	µg/kg	33.6	985.22	<18.7	103	74-121			
m+p-Xylene	1970	µg/kg	67.2	1970.4	<39.4	100	67-129			
Methyl acetate	623	µg/kg	280	985.22	<35.4	63.2	61-125			
Methyl bromide (Bromomethane)	778	µg/kg	112	985.22	<56.5	79.0	31-169			
Methyl chloride (Chloromethane)	629	µg/kg	112	985.22	<80.8	63.8	24-119			
Methyl tert-butyl ether (MTBE)	871	µg/kg	33.6	985.22	<21.6	88.4	79-139			
Methylene chloride (Dichloromethane)	918	µg/kg	280	985.22	<78.4	93.2	62-135			
o-Xylene	1010	µg/kg	33.6	985.22	<11.4	103	75-120			
Styrene	985	µg/kg	33.6	985.22	<11.7	100	74-126			
Tetrachloroethylene (Perchloroethylene)	1960	µg/kg	33.6	985.22	<17.8	199	76-128			S
Toluene	1020	µg/kg	33.6	985.22	<24.4	103	76-120			
Total Xylene	2980	µg/kg	101	2955.7	<11.4	101	67-129			
trans-1,2-Dichloroethylene	928	µg/kg	33.6	985.22	<24.4	94.2	72-127			
trans-1,3-Dichloropropylene	754	µg/kg	33.6	985.22	<16.5	76.6	66-120			
Trichloroethene (Trichloroethylene)	1320	µg/kg	33.6	985.22	<13.3	134	75-122			S
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	808	µg/kg	33.6	985.22	<15.1	82.0	51-115			
Vinyl chloride (Chloroethene)	733	µg/kg	33.6	985.22	<19.6	74.4	43-128			
Surr: 1,2-Dichloroethane-d4	***968***	*µg/kg*		985.22		98.2	*80-120*			
Surr: 4-Bromofluorobenzene	***1010***	*µg/kg*		985.22		102	*80-120*			
Surr: Dibromofluoromethane	***998***	*µg/kg*		985.22		101	*72-120*			
Surr: Toluene-d8	***965***	*µg/kg*		985.22		98.0	*80-120*			

MSD | **CLIENT ID: Batch QC** | **Lab ID: QC-2352453-006**

Method: EPA 8260D | **Dilution:** 1 | **Analysis Date:** 11/27/25 02:59 | **Prep Date:** 11/24/25 16:42

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,1,1-Trichloroethane	1120	µg/kg	33.6	985.22	<13.6	114	75-121	1.00	30	
1,1,2,2-Tetrachloroethane	636	µg/kg	33.6	985.22	<13.2	64.6	79-125	2.83	30	S
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1070	µg/kg	33.6	985.22	<19.0	108	62-129	0.416	30	
1,1,2-Trichloroethane	1000	µg/kg	33.6	985.22	<12.8	102	80-123	1.58	30	
1,1-Dichloroethane	915	µg/kg	33.6	985.22	<10.9	92.9	74-124	0.857	30	
1,1-Dichloroethylene	1010	µg/kg	33.6	985.22	<9.72	102	68-131	3.07	30	
1,2,3-Trichlorobenzene	977	µg/kg	112	985.22	<36.0	99.2	60-135	8.18	30	
1,2,3-Trichloropropane	1040	µg/kg	33.6	985.22	<12.6	106	77-121	2.92	30	
1,2,4-Trichlorobenzene	1000	µg/kg	112	985.22	<34.0	101	63-130	9.18	30	

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352453	**Run ID:**	3732030

MSD	**CLIENT ID: Batch QC**	**Lab ID: QC-2352453-006**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 11/27/25 02:59

Prep Date: 11/24/25 16:42

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
1,2,4-Trimethylbenzene	1020	µg/kg	33.6	985.22	<22.0	103	64-126	5.41	30	
1,2-Dibromo-3-chloropropane (DBCP)	881	µg/kg	112	985.22	<27.6	89.4	55-135	5.69	30	
1,2-Dibromoethane (EDB, Ethylene dibromide)	980	µg/kg	33.6	985.22	<17.6	99.5	63-155	0.757	30	
1,2-Dichlorobenzene (o-Dichlorobenzene)	1060	µg/kg	33.6	985.22	<11.4	107	77-122	11.0	30	
1,2-Dichloroethane (Ethylene dichloride)	1020	µg/kg	112	985.22	<26.3	104	70-130	0.823	30	
1,2-Dichloropropane	901	µg/kg	33.6	985.22	<22.1	91.5	71-130	2.11	30	
1,3,5-Trimethylbenzene	1090	µg/kg	112	985.22	<21.2	110	66-130	7.58	30	
1,3-Dichlorobenzene (m-Dichlorobenzene)	1030	µg/kg	33.6	985.22	<20.7	104	78-121	8.50	30	
1,3-Dichloropropene	1630	µg/kg	67.2	1970.4	<16.8	82.8	62-124	1.17	30	
1,4-Dichlorobenzene (p-Dichlorobenzene)	1040	µg/kg	33.6	985.22	<24.4	105	78-122	10.4	30	
2-Butanone (Methyl ethyl ketone, MEK)	793	µg/kg	224	985.22	<71.4	80.5	47-164	1.31	30	
2-Hexanone	1060	µg/kg	33.6	985.22	<14.9	107	70-137	5.96	30	
4-Methyl-2-pentanone (MIBK)	1020	µg/kg	33.6	985.22	<28.0	103	57-200	0.974	30	
Acetone	1520	µg/kg	112	985.22	<89.0	154	52-190	19.0	30	
Benzene	1060	µg/kg	33.6	985.22	<14.5	108	78-122	3.02	30	
Bromochloromethane	866	µg/kg	33.6	985.22	<15.3	87.8	68-130	3.18	30	
Bromodichloromethane	1020	µg/kg	33.6	985.22	<16.8	104	75-125	0.144	30	
Bromoform	905	µg/kg	33.6	985.22	<12.6	91.9	59-120	4.11	30	
Carbon disulfide	1020	µg/kg	33.6	985.22	<15.5	104	60-163	1.16	30	
Carbon tetrachloride	1300	µg/kg	33.6	985.22	<11.7	132	69-123	1.91	30	S
Chlorobenzene	1030	µg/kg	33.6	985.22	<9.96	105	79-120	4.05	30	
Chlorodibromomethane	898	µg/kg	33.6	985.22	<16.8	91.2	57-123	8.16	30	
Chloroethane (Ethyl chloride)	666	µg/kg	112	985.22	<84.0	67.6	38-132	7.07	30	
Chloroform	971	µg/kg	33.6	985.22	<11.0	98.6	72-122	7.09	30	
cis-1,2-Dichloroethylene	939	µg/kg	33.6	985.22	<19.3	95.4	74-125	2.76	30	
cis-1,3-Dichloropropene	892	µg/kg	33.6	985.22	<22.6	90.5	62-124	0.551	30	
Dichlorodifluoromethane (Freon-12)	506	µg/kg	112	985.22	<36.3	51.4	28-137	5.91	30	
Ethylbenzene	1010	µg/kg	33.6	985.22	<21.3	103	75-121	0.978	30	
Isopropylbenzene	1060	µg/kg	33.6	985.22	<19.0	108	74-121	4.50	30	
m+p-Xylene	2060	µg/kg	67.2	1970.4	<40.0	105	67-129	4.40	30	
Methyl acetate	669	µg/kg	280	985.22	<35.9	68.0	61-125	7.24	30	
Methyl bromide (Bromomethane)	722	µg/kg	112	985.22	<57.4	73.2	31-169	7.55	30	
Methyl chloride (Chloromethane)	667	µg/kg	112	985.22	<82.0	67.6	24-119	5.86	30	
Methyl tert-butyl ether (MTBE)	883	µg/kg	33.6	985.22	<21.9	89.6	79-139	1.29	30	
Methylene chloride (Dichloromethane)	938	µg/kg	280	985.22	<79.6	95.2	62-135	2.23	30	
o-Xylene	1060	µg/kg	33.6	985.22	<11.6	107	75-120	4.38	30	
Styrene	1020	µg/kg	33.6	985.22	<11.9	104	74-126	3.78	30	
Tetrachloroethylene (Perchloroethylene)	2030	µg/kg	33.6	985.22	<18.1	206	76-128	3.16	30	S
Toluene	1030	µg/kg	33.6	985.22	<24.7	104	76-120	1.15	30	
Total Xylene	3120	µg/kg	101	2955.7	<11.6	105	67-129	4.39	30	

QA/QC Report

Client:	The Mannik & Smith Group, Inc.	**Work Order:**	HN2517803
Project:	11736 Mendota	**Date Collected:**	NA
Matrix:	SOIL/SOLID	**Date Received:**	NA
QC Lot:	2352453	**Run ID:**	3732030

MSD	**CLIENT ID: Batch QC**	**Lab ID: QC-2352453-006**

Method: EPA 8260D **Dilution:** 1 **Analysis Date:** 11/27/25 02:59

Prep Date: 11/24/25 16:42

Analyte	Result	Units	MRL	Spike Amount	Spike Ref. Amount	% Rec	% Rec Limits	RPD	RPD Limit	Qual
trans-1,2-Dichloroethylene	949	µg/kg	33.6	985.22	<24.8	96.4	72-127	2.26	30	
trans-1,3-Dichloropropylene	740	µg/kg	33.6	985.22	<16.8	75.1	66-120	1.91	30	
Trichloroethene (Trichloroethylene)	1360	µg/kg	33.6	985.22	<13.4	138	75-122	2.88	30	S
Trichlorofluoromethane (Fluorotrichloromethane, Freon 11)	854	µg/kg	33.6	985.22	<15.3	86.6	51-115	5.45	30	
Vinyl chloride (Chloroethene)	777	µg/kg	33.6	985.22	<19.9	78.9	43-128	5.80	30	
Surr: 1,2-Dichloroethane-d4	***964***	*µg/kg*		985.22		97.8	*80-120*	0.459	30	
Surr: 4-Bromofluorobenzene	***976***	*µg/kg*		985.22		99.0	*80-120*	3.42	30	
Surr: Dibromofluoromethane	***995***	*µg/kg*		985.22		101	*72-120*	0.247	30	
Surr: Toluene-d8	***976***	*µg/kg*		985.22		99.1	*80-120*	1.17	30	

The following samples were analyzed in this batch: HN2517803-001, HN2517803-002, HN2517803-003