



**DES Waste Management Division
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PHASE II ENVIRONMENTAL SITE ASSESSMENT

**FORMER CLOUTIER PROPERTY
374 TAMWORTH ROAD
TAMWORTH, NEW HAMPSHIRE**

**NHDES Site No. 199812122
SITEEVALHW, Project No. 42908**

Prepared For:

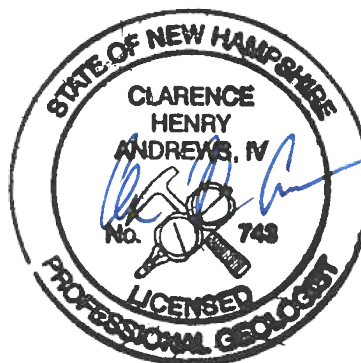
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**Nobis Project No. 100752.002
July 2, 2025**





July 2, 2025

File No. 100752.002

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Re: Phase II Environmental Site Assessment
Former Cloutier Property
374 Tamworth Road
Tamworth, New Hampshire
NHDES Site No. 199812122 | SITEEVALHW Project No. 42908

Dear Mr. Trefethen:

Nobis Engineering, Inc. d/b/a Nobis Group® (Nobis) is pleased to provide this Brownfields Phase II Environmental Site Assessment (ESA) completed for the Former Cloutier Property at 374 Tamworth Road located in Tamworth, New Hampshire.

This assessment was completed in accordance with the Field Task Work Plan and Site-Specific Quality Assurance Project Plan for the Phase II ESA prepared by Nobis and approved by NHDES and United States Environmental Protection Agency (USEPA) on March 18, 2025.

Thank you for the opportunity to be of service to you. Please do not hesitate to contact us if you have any questions.

Sincerely,
NOBIS GROUP®

Travis Cohen, EIT
Project Engineer

Clarence "Tim" Andrews, PG | Associate
Director of State & Municipal Services

Attachment

c: File No. 100752.002 (w/attach.)

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EXECUTIVE SUMMARY

Nobis Engineering, Inc., dba Nobis Group® (Nobis) conducted a Phase II Environmental Site Assessment (Phase II ESA) at the Former Cloutier Property located at 374 Tamworth Road property located in Tamworth, New Hampshire (hereinafter referred to as “the Site”). The Site comprises an approximately 12.48-acre lot, identified on Tamworth Tax Map 202 as Lot 35. The subject property is currently developed with one stand-alone garage, an office building with an attached garage and an open-front storage shed, and a small stand-alone open shed. The subject property is not currently in use but has recently been used as storage for equipment. The remainder of the property is a mix of open fields and forested areas that abut the Swift River to the west. The property has been owned by the Town of Tamworth since December 2024. The subject property was first developed with sawmill/lumber operations circa 1975 which operated until the 1980s. Several buildings were burned in a fire and the debris moved adjacent to the Swift River. The site was operated as a trucking depot and repair facility from the 1980s to 2016.

Nobis completed a Phase I Environmental Site Assessment (Phase I ESA) of the Site in October 2024 on behalf of the Lakes Region Planning Commission (LRPC). Site reconnaissance and historical research revealed the presence of four Recognized Environmental Conditions (RECs), findings suggesting the need for a Phase II ESA.

Nobis performed Phase II field activities between April 11, 2025, and May 8, 2025. The Phase II investigation consisted of subsurface drilling of five (5) soil borings, including installation of five (5) groundwater monitoring wells, subsurface soil sampling, groundwater sampling, a well elevation survey, and laboratory analysis of soil and groundwater. Samples were submitted to an analytical laboratory for analysis based on former Site uses and suspected contaminants. Soil analyses included volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH), semi volatile organic compounds (SVOCs), pesticides, and metals. Groundwater analyses included VOCs, SVOCs, pesticides, metals, and select wells for per- and polyfluoroalkyl substances (PFAS).

The subsurface investigation identified soil onsite consisting of fine- to coarse-grained sands and gravel with varying amounts of silt. No visual evidence of fill materials (i.e., coal, slag, cinders, or ash) or other debris was observed in subsurface soils. Photoionization detector (PID) readings of total volatile organic compounds (VOCs) were below 32.0 ppmV in soil samples. No petroleum sheen or odor was encountered during soil sampling.

No light non-aqueous phase liquid (LNAPL) was observed during groundwater monitoring. Depth to groundwater at the Site during groundwater monitoring varied from approximately 2.61 feet below ground surface (bgs) (MW-2) to approximately 5.54 feet bgs (MW-4). Groundwater elevations

ranged from 94.23 feet to 96.34 feet based on an arbitrary datum and groundwater flow is inferred to the South along the Swift River.

In soil, no VOCs, TPH, SVOCs, or pesticides were detected above analytical reporting limits. Where detected, metals concentrations were below applicable New Hampshire Department of Environmental Services (NHDES) Soil Remediation Standards (SRS).

In groundwater, no VOCs, SVOCs, or pesticides were detected above analytical reporting limits. Where detected, metals and PFAS concentrations were below applicable NHDES ambient groundwater quality standards (AGQS).

During the Phase II assessment, no soil or groundwater samples were detected at concentrations above regulatory standards. Based on the results of soil and groundwater sampling completed at the Site, Nobis concludes that no additional groundwater monitoring rounds or additional investigations are necessary.

1.0 INTRODUCTION

Nobis Engineering, Inc. d/b/a Nobis Group® (Nobis) has completed a Phase II Environmental Site Assessment (Phase II ESA) for the Former Cloutier Property located at 374 Tamworth Road in Tamworth, New Hampshire (hereinafter referred to as “the Site”). The Phase II ESA was conducted as part of the Lakes Region Planning Commission (LRPC) Brownfields Assessment Program under a grant from the United States Environmental Protection Agency (USEPA). This work was performed as described in Nobis’ proposed work scope and budget dated August 15, 2024, and subsequent addenda.

The field activities and laboratory analyses were completed in general accordance with the Site-Specific Quality Assurance Project Plan for the Phase II ESA prepared by Nobis and approved by NHDES and United States Environmental Protection Agency (USEPA) on March 18, 2025.

1.1 Site Description

The subject property is currently a developed lot with a wooden open-front garage, a garage with 3 (three) bays, an office building, and an open front shed. The topography of the subject property is generally flat and level. The general surrounding area slopes gradually to the south and west towards the Swift River. The subject property has an approximate elevation of ±516-feet above mean sea level. Residential properties are located to the north, south, and east of the subject property along Tamworth Road.

1.2 Site Use and History

The subject property was first developed with a sawmill circa 1975 which operated until approximately 1985. The buildings were the victims of fires and were sold to a trucking company which operated until 2016. Currently, the Site is vacant.

1.3 Previous Investigations

Nobis conducted a Phase I ESA at the Site in October 2024. The Phase I ESA was conducted as part of due diligence requirements for potential redevelopment and to meet eligibility for the LRPC Brownfields Assessment Program. Since this report, Nobis was made away the Town went forward with the process of accepting the property and has been owned by the Town since December of 2024.

As part of the Phase I, Nobis personnel conducted Site reconnaissance and a records review in 2024. The assessment identified several concerns relative to potential releases of petroleum and/or hazardous substances at the Site, including but not limited to:

- REC-1: Potential use of per- and polyfluoroalkyl substances (PFAS) containing foams during firefighting efforts at the subject property.
- REC-2: Two (2) 2,000-gallon former ASTs containing diesel with no closure documentation.
- REC-3: Drum of unknown material discharged to ground surface.
- REC-4: Lumber dipping operations during the subject property's use as a sawmill.
- HREC-1: One (1) 500-gallon Diesel Underground Storage Tank (UST).
- BER-1: Suspect Hazardous Building Materials

Based on these findings, the historic use of the Site, and the potential for releases, a Phase II assessment was performed at the request of the LRPC.

2.0 PRELIMINARY PHASE II ACTIVITIES

The findings of the Phase I ESA identified the potential for impacted soil and groundwater beneath the Site due to historical use and improper disposal procedures. The proposed Phase II field work included: subsurface explorations and assessment of soil and groundwater beneath the Site. In accordance with EPA brownfields requirements to perform these assessment activities, Nobis prepared a Site-specific quality assurance project plan addendum (SSQAPPA) and conducted a historic review. These activities are explained in this section.

2.1 Site-Specific QAPP

Based on the information gathered during the Phase I ESA by Nobis, Nobis prepared a Site-Specific Quality Assurance Project Plan dated March 13, 2025, as an Addendum (SSQAPPA) to Nobis's Generic QAPP RFA #16002 dated September 2016. The SSQAPPA was signed off by the LRPC and approved by the USEPA and the NHDES on March 18, 2025. The Phase II was conducted per the field standard operating procedures (SOPs) and laboratory analytical SOPs for soil and groundwater analysis as described in the approved SSQAPPA.

2.2 DHR Historic Review

Nobis prepared and submitted to New Hampshire Division of Historical Resources (NHDHR) a Request for Project Review (RPR) dated February 18, 2025. The RPR was prepared in accordance with the instructions provided by the NHDHR and included a project narrative, a map of the proposed work locations, and photos of the Site. Nobis received a response from NHDHR concluding that no historic properties would be affected by the proposed work.

2.3 DIGSAFE Clearance

Prior to drilling, Nobis field marked the proposed drilling locations. Locations of subsurface and overhead utilities which extend from the road were reviewed and drilling and sampling locations were slightly adjusted, if needed. Nobis pre-marked the Site by field marking the entire length of the property along the road. Drilling then proceeded under the issued DIGSAFE permit.

3.0 PHASE II FIELD ACTIVITIES

Subsurface investigations were completed at the Site which included advancement of soil borings with installation of groundwater monitoring wells and groundwater quality monitoring. Soil and groundwater sampling for laboratory analyses were completed during the subsurface investigations.

3.2 Subsurface Drilling and Investigation

On April 22, 2025, a total of five (5) soil borings were advanced into shallow overburden soil at the subject Site. Test borings identified as MW-1 through MW-5 were advanced utilizing direct push methodology via a Geoprobe 7822DT drill rig operated by Eastern Analytical, Inc. The five borings were installed in locations indicative of historic operations and/or downgradient locations. MW-1 was installed downgradient of the former UST and the location of suspected ASTs. MW-2 was installed in the former location of debris derived from operations of the trucking depot. MW-3 was installed downgradient of the main building. MW-4 was installed downgradient of the location of the suspected timber treatment shed. MW-5 was installed upgradient of all locations to provide a background concentration. These locations are shown on Figure 2.

Drilling activities were conducted under the direction of a Nobis representative who visually classified soils in the field using the Modified Burmeister Classification System. A MiniRAE 3000 photoionization detector (PID) equipped with a 10.7 eV lamp was used to field screen soil samples extracted during each sample interval for the presence of total VOCs (TVOCs). Soil boring logs are provided in Appendix B.

Soil samples were generally collected continuously from ground surface to 15 feet bgs. Soil samples were collected with a 1.75x60-inch macro-core liners.

One soil sample from each of the five borings was selected for laboratory analysis based on PID readings and field observations. The selected samples were submitted to a State-certified laboratory (as identified in the SSQAPPA) for the following analyses: VOCs per EPA Method 8260C, semi-volatile organic compounds acid/base/neutral (ABN) per EPA Method 8270; pesticides via EPA method 8081; total petroleum hydrocarbons (TPH) per EPA Method 8100; and

the eight RCRA (RCRA 8) metals per EPA Method 6020. A copy of the soil analytical laboratory report is provided in Appendix D.

3.3 Monitoring Well Installation

A groundwater monitoring well was installed in each of the soil borings (total of 5). Monitoring wells MW-1 and MW-2 were set at 13 feet bgs. MW-3, MW-4, and MW-5 were set at 14 feet bgs. Each of the monitoring wells were constructed with the lowermost 10-foot section consisting of 2-inch diameter, 0.010-inch slotted PVC well screen at depths which intercepted the groundwater table threaded to 2-inch diameter solid PVC riser pipe to ground surface. The boring annulus for the monitoring wells was backfilled with filter pack sand to two feet above the top of the well screen. Two feet of bentonite chips were placed and hydrated on top of the filter pack sand to seal the annular space. The remainder of the annulus was backfilled with native material auger cuttings. The wells were completed with steel roadboxes set in concrete.

3.4 Well Development

On April 23, 2025, once monitoring well installation was complete, Nobis developed the groundwater monitoring wells using dedicated disposable bailers by purging five or more times the well volumes measured in each well. Well development was performed to remove water and fines accumulated in the bottom of the monitoring well and from the surrounding sand pack annulus, allowing a fresh influx of groundwater from the surrounding geologic formation, and providing a more representative groundwater sample during sampling.

3.5 Groundwater Sampling

On May 8, 2025, Nobis collected groundwater samples from the newly installed monitoring wells. A synoptic round of water levels was measured in all five Site monitoring wells prior to groundwater sample collection. Static groundwater levels were measured at each well using a Solinst electronic water level meter relative to top of the PVC casing.

Groundwater sample collection was conducted utilizing EPA low flow/low stress sampling methodology. Field parameters were measured using YSI Pro Quatro model multimeters (YSI) and included: pH, temperature, specific conductance (@ 25 degrees Celsius), dissolved oxygen (DO), and oxygen-reduction potential (ORP). Turbidity was measured using Geotech turbidimeters. Depth to groundwater measurements and calculated groundwater elevations are summarized in Table 5. Groundwater monitoring logs are included in Appendix D.

Groundwater samples were submitted to EAI for laboratory analyses of VOCs per EPA method 8260C, SVOCs acid/base/neutral (ABN) per EPA method 8270, Pesticides per EPA method 8081, RCRA 8 metals per EPA method 6020A/7471B, and PFAS (MW-2, MW-3, and MW-4).

One trip blank was submitted for VOCs analysis and one field duplicate sample collected from MW-4 was submitted for each analytical method utilized. A copy of the groundwater laboratory data report is provided in Appendix E.

Groundwater samples collected from MW-2, MW-3, and MW-4 and a field duplicate sample (from MW-4) were also submitted for laboratory analysis of per- and polyfluoroalkyl substances (PFAS) compounds. The samples were submitted under standard chain-of-custody to Eurofins Lancaster Laboratories Environment Testing, LLC for PFAS analysis and Eurofins Northeast Concord of Concord, New Hampshire for all other analyses. A copy of the groundwater laboratory data report is provided in Appendix E.

3.6 QA/QC Samples

In accordance with the SSQAPPA prepared for the Site, QA/QC samples submitted for laboratory analysis indicated one trip blank for VOCs and one duplicate sample for each analysis proposed. Duplicate soil samples were collected from soil taken from the drilling of MW-4. A duplicate groundwater sample was collected from well MW-4.

3.7 Management of Investigation Derived Waste

No overt signs of soil contamination were encountered based on PID screening values, olfactory sense, and soil appearance. As a result, soil auger cuttings were used as backfill for monitoring well construction or spread on the ground near the monitoring well. Groundwater generated during sampling was discharged to the surface adjacent to the groundwater monitoring well from which it was removed.

4.0 PHASE II FINDINGS

Subsurface observations and soil and groundwater laboratory analytical results of samples collected by Nobis for this Phase II ESA investigation are summarized in the following sections. Analytical results were compared to the applicable New Hampshire soil and groundwater standards to make a preliminary evaluation of potential risks associated with contamination and to determine the need for remedial actions or use limitations to facilitate reuse or redevelopment. Soil analytical results were compared to Env-Or 600 Soil Remediation Standards (SRS)¹. Groundwater analytical results were compared to Ambient Groundwater Quality Standards (AGQS)² and GW-2 Groundwater to Indoor Air Screening Values³.

¹ New Hampshire Code of Administrative Rules Env-Or 606.19 - *Soil Remediation Criteria* Table 600-2 - Soil Remediation Standards (SRSs), effective June 2015.

² New Hampshire Code of Administrative Rules Env-Or 603 - *Groundwater Quality Criteria*, Table 600-1 - Ambient Groundwater Quality Standard (AGQS) effective June 2015.

³ NHDES Waste Management Division, Vapor Intrusion Guidance, Table 1 - Groundwater to Indoor Air Vapor Intrusion Screening Levels (GW-2 Values), July 2006, revised July 5, 2011, and February 2013 Updates.

4.1 Subsurface Observations and Field Screening Results

The subsurface investigation identified soil onsite consisting of fine- to coarse-grained sands and gravel with varying amounts of silt. No visual evidence of fill materials (i.e., coal, slag, cinders, or ash) or other debris was observed in subsurface soils. Photoionization detector (PID) readings of total volatile organic compounds (TVOCs) were below 32.0 ppmV in soil samples. No petroleum sheen or odor was encountered during soil sampling. No petroleum sheen or odor was encountered during soil sampling. Field screening results are summarized on Table 1 and included on the boring logs in Appendix B.

4.2 Groundwater Elevations and Flow Directions

During drilling, depth to groundwater was observed at approximately 5 to 6 feet bgs

During the May 2025 groundwater sampling event, depth to groundwater at the Site during groundwater monitoring varied from approximately 2.61 feet below ground surface (bgs) (MW-2) to approximately 5.54 feet bgs (MW-4). Groundwater elevations ranged from 94.23 feet to 96.34 feet based on an arbitrary datum and groundwater flow is inferred to the south along the Swift River

The static groundwater elevations indicate a general southernly flow beneath the property along the Swift River. Measured groundwater elevation data are presented in Table 5. Inferred groundwater elevation contours and flow direction are depicted on Figure 5.

Fluctuations in groundwater levels and transport direction will occur due to variations in precipitation, surface runoff, temperature, seasonal fluctuations, and other factors not encountered during this study. Local groundwater flow anomalies may also exist due to the influence of buildings, paved areas, and localized topography.

4.3 Subsurface Soil Analytical Results

The subsurface soil analytical data results compared to the SRS are summarized in Tables 1 through 4 and discussed below. A distribution map of the constituents detected in subsurface soil is presented in Figure 3.

VOCs

VOCs were not reported above the laboratory reporting limits (not detected) in the soil samples from borings.

TPH

TPH-Gasoline Range Organics (TPH-GRO) was not reported above the laboratory reporting limits (not detected) in the soil samples from borings.

SVOCs

SVOCs were not reported above the laboratory reporting limits (not detected) in the soil samples from borings.

Pesticides

Pesticides were not reported above the laboratory reporting limits (not detected) in the soil samples from borings.

Metals

Four of the eight RCRA 8 metals were detected in subsurface soil. Arsenic, barium, total chromium, and lead were reported at concentrations above their laboratory reporting limits but below SRS in each of the soil samples from borings MW-1 through MW-5.

4.5 Groundwater Analytical Results

Groundwater analytical data are summarized in Tables 5 through 10. A summary of the groundwater analytical data collected during the subsurface investigation is presented on Figure 4.

VOCs

VOCs were not reported above the laboratory reporting limits in the groundwater samples from wells MW-1 through MW-5.

SVOCs

SVOCs were not reported above the laboratory reporting limits in the groundwater samples from wells MW-1 through MW-5.

Pesticides

Pesticides were not reported above the laboratory reporting limits (not detected) in the groundwater samples from wells MW-1 through MW-5.

Metals

One of the eight RCRA metals (barium) was reported above its laboratory reporting limits in one or more groundwater samples from wells MW-1 through MW-5. All concentrations were below their respective AGQS.

PFAS

PFAS were analyzed in the groundwater samples from wells MW-2, MW-3, and MW-4. Two PFAS were detected in one or more samples including perfluorooctanoic Acid (PFOA) and perfluorononanoic Acid (PFNA). PFNA was detected in the sample taken from MW-3 at a

concentration of 3.0 ng/L below the AGQS of 11 ng/L. PFNA and PFOA were detected in the sample taken from MW-4 at a concentration of 8.9 and 2.6 ng/L, respectively, below the AGQS of 11 and 12 ng/L. PFAS were not detected in the corresponding field duplicate for MW-4. Concentrations at all other locations were below the laboratory detection limits.

4.6 QA/QC Sample Results

Soil and groundwater analyses run by laboratories met standard method procedure and all sample holding times. No deviations from the methods were reported, standard reporting limits (for comparison to SRS and AGQS) were met and no sample specific were required. VOCs were not detected in the trip blank soil and water samples.

As per the SSQAPPA, field duplicates samples were collected for all analytes in surface and subsurface soil samples and groundwater. Field duplicates were collected to provide a measurement of the consistency (comparability) in results from the same sampling location and to provide a measure of the reproducibility of field sampling and laboratory analytical methodologies. Consistency between analytical results for field duplicate samples indicates consistent field sampling, sample handling, and analytical laboratory procedures. The consistency between field pairs was measured via calculation of the relative percent difference (RPD) between the reported concentrations of detected analytes.

In soil, measurable differences were calculated between the original soil sample MW-4 and the duplicate sample from MW-4 (FD-01) for metals. Where compounds were not detected, a concentration of zero (0) was used to calculate the RPD. The confidence and consistency and comparability level for soil data were less than the acceptable RPD threshold of 50%. The calculated RPD for the soil sample pair were as follows:

Constituent	MW-4	MW-4 DUP (FD-01)	RPD (%)
Arsenic	1.6	1.8	11.76
Barium	12	14	15.38
Chromium	3.6	4.5	22.22
Lead	6.7	8.1	18.92

Note: Concentrations are reported in mg/Kg

In groundwater, measurable difference(s) were calculated between the original groundwater sample MW-4 and the duplicate. Where compounds were not detected, a concentration of zero (0) was used to calculate the RPD. The confidence and consistency and comparability level for groundwater data were less than the acceptable RPD threshold of 30%. The calculated RPD for the groundwater sample pair were as follows:

Constituent	MW-4	MW-4 DUP (FD-01)	RPD (%)
Barium	3.9	3.9	0
PFOA	2.6	0 (ND)	100
PFNA	8.9	0 (ND)	100

Note: Concentrations are reported in µg/L for barium and ng/L for the PFAS compounds

Based on the *National Functional Guidelines for Organic Superfund Methods Data Review*⁴, the limits (i.e., RPDs, 50% for soil and 30% for groundwater) may not apply when the sample and duplicate concentrations are less than five times the quantitation limit. Due to MW-4 exceeding this, analysis for PFAS is considered an estimate, however, due to all concentrations being below their respective standards, this is not expected to impact data usability. All other detections of analytes exceeding their respective RPD thresholds were below five time the quantitation limit and therefore are valid. As a result, the data collected as part of the Phase II was considered scientifically valid, defensible and of sufficient level of precision, accuracy, and representativeness for the stated purpose.

5.0 DISCUSSION OF RESULTS

5.1 Contaminant Distribution in Soil

Phase II ESA soil sampling results indicate that:

VOCs and TPH: VOCs and TPH were not reported in soil samples above analytical reporting limits or SRS.

SVOCs: SVOCs were not detected in soil samples above analytical reporting limits.

Pesticides: Pesticides were not reported in soil samples above analytical reporting limits or SRS.

Metals: Metals were not reported at concentrations exceeding SRS.

5.2 Contaminant Distribution in Groundwater

Phase II ESA groundwater sampling results indicate that:

VOCs: VOCs were not detected in groundwater samples above analytical reporting limits.

SVOCs: SVOCs were not detected in groundwater samples above analytical reporting limits.

⁴ United States Environmental Protection Agency, National Functional Guidelines for Organic Superfund Methods Data Review, November 2020, Washington, D.C.

Pesticides: Pesticides were not detected in groundwater samples above analytical reporting limits.

Metals: Metals were not reported in groundwater samples at concentrations exceeding AGQS.

PFAS: PFAS were not reported in groundwater samples at concentrations exceeding AGQS.

5.3 Comparison to GW-2 Indoor Air Screening Values

Groundwater samples collected from the Site for volatile compounds did not exceed GW-2 indoor air screening values. Therefore, vapor intrusion is not considered a potential exposure pathway at the Site.

6.0 SUMMARY AND CONCLUSIONS

Based upon the findings of the Phase II, Nobis concludes the following:

- Subsurface soil consists of fine- to medium-grained sands with varying amounts of gravel and silt. Visual evidence of fill materials (i.e., coal, slag, cinders or ash) or other debris were not observed. PID readings of TVOCs were below 32.0 ppmV in soil samples. No petroleum sheen or odor was encountered during soil sampling.
- No light non-aqueous phase liquid (LNAPL) was observed during groundwater monitoring. No light non-aqueous phase liquid (LNAPL) was encountered during groundwater monitoring. During the May 2025 groundwater sampling event, depth to groundwater at the Site during groundwater monitoring varied from approximately 2.61 feet below ground surface (bgs) (MW-2) to approximately 5.54 feet bgs (MW-4). Groundwater elevations ranged from 94.23 feet to 96.34 feet based on an arbitrary datum and groundwater flow is inferred to the south along the Swift River
- In soil, no VOCs, TPH, SVOCs, pesticides, or metals were detected above SRS.
- In groundwater, no VOCs, SVOCs, pesticides, metals, or PFAS were detected above AGQS.

7.0 RECOMMENDATIONS

Based on the summary and conclusions, Nobis recommends the following:

- No soil or groundwater samples were detected at concentrations above regulatory standards. Based on the results of soil and groundwater sampling completed at the Site, Nobis concludes that no additional groundwater monitoring rounds or additional investigations are necessary.
- As site redevelopment progresses, and more areas of the site become accessible further definition of soil and materials onsite may be necessary. Prior to any redevelopment activities, a soil management plan should be generated to determine how contaminated soils and any hazardous materials should be handled and disposed of, if necessary, in accordance with all applicable regulations.

8.0 REFERENCES

NHDES, 2021, New Hampshire Code of Administrative Rules, Env-Or 600 – Contaminated Site Management. Effective December 2024

NHDES, July 2006, Waste Management Division, Vapor Intrusion Guidance and July 5, 2011, and February 2013 Updates

Nobis Group, October 2024, Phase I Environmental Site Assessment, 374 Tamworth Road, Tamworth, NH

Nobis Group, March 13, 2025, Revision 0, Site-Specific Quality Assurance Project Plan Addendum, Rev 0 (SSQAPPA) for Phase II Environmental Assessment, 374 Tamworth Road, Tamworth, NH

United States Environmental Protection Agency, November 2020, National Functional Guidelines for Organic Superfund Methods Data Review, Washington, D.C.

T A B L E S

Table 1
Summary of Soil VOC and TPH Analyses
Former Cloutier Property
Tamworth, New Hampshire
NHDES Site No. 199812122 | SITEEVALHW Project No. 42908

NHDES Soil Remediation Standards				Parameters															
				Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Isopropylbenzene	Methyl tertiary-Butyl Ether (MtBE)	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-Butylbenzene	tert-Butylbenzene	p-Isopropyltoluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Other 8260 VOCs	TPH (C9-C40)
Env-Or 600 Table 600-2				0.3	100	140	500	330	0.2	28	110	85	130	100	3,400	130	96	Varies	10,000
Location	Sample ID	Depth (ft bgs)	Date	Laboratory Analytical Results															
Soil Borings																			
MW-1	MW1-20250422	5-7	4/22/2025	<0.061	<0.061	<0.061	<0.122	<0.061	<0.12	<0.12	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	<0.061	ND	<37
MW-2	MW2-20250422	4-5	4/22/2025	<0.056	<0.056	<0.056	<0.112	<0.056	<0.11	<0.11	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	ND	<33
MW-3	MW3-20250422	3-5	4/22/2025	<0.093	<0.093	<0.093	<0.186	<0.093	<0.19	<0.19	<0.093	<0.093	<0.093	<0.093	<0.093	<0.093	<0.093	ND	<37
MW-4	MW4-20250422	5-6	4/22/2025	<0.047	<0.047	<0.047	<0.094	<0.047	<0.094	<0.094	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	ND	<32
MW-4 (FD-01)	FD01-20250422	5-6	4/22/2025	<0.076	<0.076	<0.076	<0.152	<0.076	<0.15	<0.15	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	ND	<38
MW-5	MW5-20250422	4.5-5.5	4/22/2025	<0.052	<0.052	<0.052	<0.104	<0.052	<0.10	<0.10	<0.052	<0.052	<0.052	<0.052	<0.052	<0.052	<0.052	ND	<33

Notes:

1. All samples were collected by Nobis Group on the dates indicated.
2. All concentrations are reported in mg/kg, equivalent to parts per million (ppm), except where indicated.
3. "<X" indicates that the parameter was not present above the reporting limit X. "ns" indicates that no standard is established. "ND" indicates the parameters were not detected.
4. **Bold** values indicate exceedances of applicable standards.
5. The analyses were performed by Eastern Analytical of Concord.
6. Env-Or 600 Soil Remediation Standards are referenced in New Hampshire Code of Administrative Rules Part Env-Or 600, revised December 2024.

Table 2
Summary of Soil SVOC Analyses
Former Cloutier Property
Tamworth, New Hampshire
NHDES Site No. 199812122 | SITEEVALHW Project No. 42908

NHDES Soil Remediation Standards				Naphthalene	2-Methylnaphthalene	Acenaphthylene	Acenaphthene	Fluorene	Phenanthrene	Anthracene	Fluoranthene	Pyrene	Benzo[a]anthracene	Chrysene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Benzo[a]pyrene	Idenol[1,2,3-cd]pyrene	Dibenz[a,h]anthracene	Benzo[g,h,i]perylene	1-Methylnaphthalene	Other 8270 SVOCs
Env-Or 600 Table 600-2				28	96	490	340	77	960	1,000	960	720	1	120	1	12	0.7	1	0.7	960	ns	Varies
Location	Sample ID	Depth (ft bgs)	Date																			
Soil Borings																						
MW-1	MW1-20250422	5-7	4/22/2025	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	ND
MW-2	MW2-20250422	4-5	4/22/2025	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	<0.078	ND
MW-3	MW3-20250422	3-5	4/22/2025	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	<0.087	ND
MW-4	MW4-20250422	5-6	4/22/2025	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	<0.076	ND
MW-4 (FD-01)	FD01-20250422	5-6	4/22/2025	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	<0.089	ND
MW-5	MW5-20250422	4.5-5.5	4/22/2025	<0.077	<0.077	<0.077	<0.077	<0.077	<0.077	<0.077	<0.077	<0.077	<0.077	<0.077	<0.077	<0.077	<0.077	<0.077	<0.077	<0.077	<0.077	ND

- Notes:**
- 1. All samples were collected by Nobis Group on the dates indicated.
 - 2. All concentrations are reported in mg/kg, equivalent to parts per million (ppm), except where indicated.
 - 3. "<X" indicates that the parameter was not present above the reporting limit X. "ns" indicates that no standard is established. "ND" indicates the parameters were not detected.
 - 4. **Bold** values indicate exceedances of applicable standards.
 - 5. The analyses were performed by Eastern Analytical of Concord.
 - 6. Env-Or 600 Soil Remediation Standards are referenced in New Hampshire Code of Administrative Rules Part Env-Or 600, revised December 2024.

Table 3
Summary of Soil Pesticides Analyses
Former Cloutier Property
Tamworth, New Hampshire
NHDES Site No. 199812122 | SITEEVALHW Project No. 42908

NHDES Groundwater Standards				Chlordane	Aldrin	a-BHC (Alpha)	b-BHC (Beta)	g-BHC (Lindane, Gamma)	d-BHC (Delta)	DDD	DDE	DDT	Dieldrin	a-Endosulfan	b-Endosulfan	Endosulfan Sulfate	Endrin	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene	2,4-D	Silvex
SRS				4	0.09	0.06	0.06	0.09	NS	6	4	0.7	0.06	NS	NS	NS	8	0.2	0.1	130	1	300	60
LOCATION	Sample ID	Depth (ft bgs)	DATE	LABORATORY ANALYTICAL RESULTS																			
Soil Borings																							
MW-1	MW1-20250422	5-7	4/22/2025	<0.025	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.061	<0.0061	<0.0061
MW-2	MW2-20250422	4-5	4/22/2025	<0.022	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.0055	<0.055	<0.0055	<0.0055
MW-3	MW3-20250422	3-5	4/22/2025	<0.024	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.0061	<0.061	<0.0061	<0.0061
MW-4	MW4-20250422	5-6	4/22/2025	<0.021	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.0053	<0.053	<0.0053	<0.0053
MW-4 (FD-01)	FD01-20250422	5-6	4/22/2025	<0.026	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.0064	<0.064	<0.0064	<0.0064
MW-5	MW5-20250422	4.5-5.5	4/22/2025	<0.022	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.0054	<0.054	<0.0054	<0.0054

- Notes:**
- 1. All samples were collected by Nobis Group on the dates indicated.
 - 2. All concentrations are reported in mg/kg, equivalent to parts per million (ppm), except where indicated.
 - 3. "<X" indicates that the parameter was not present above the reporting limit X. "ns" indicates that no standard is established. "ND" indicates the parameters were not detected.
 - 4. **Bold** values indicate exceedances of applicable standards.
 - 5. The analyses were performed by Eastern Analytical of Concord, NH
 - 6. Env-Or 600 Soil Remediation Standards are referenced in New Hampshire Code of Administrative Rules Part Env-Or 600, revised December 2024.

Table 4
Summary of Soil Metals Analyses
Former Cloutier Property
 Tamworth, New Hampshire
 NHDES Site No. 199812122 | SITEEVALHW Project No. 42908

NHDES Soil Remediation Standards				Metals							
				Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
Env-Or 600 Table 600-2				11	1000	33	1000	400	7	180	89
Location	Sample ID		Date	Laboratory Analytical Results							
Soil Borings											
MW-1	MW1-20250422	5-7	4/22/2025	1.4	11	<0.50	3.8	7.2	<0.10	<0.50	<0.50
MW-2	MW2-20250422	4-5	4/22/2025	0.79	14	<0.50	1.6	6.1	<0.10	<0.50	<0.50
MW-3	MW3-20250422	3-5	4/22/2025	1.8	17	<0.50	4.3	11	<0.10	<0.50	<0.50
MW-4	MW4-20250422	5-6	4/22/2025	1.6	12	<0.50	3.6	6.7	<0.099	<0.50	<0.50
MW-4 (FD-01)	FD01-20250422	5-6	4/22/2025	1.8	14	<0.50	4.5	8.1	<0.10	<0.50	<0.50
MW-5	MW5-20250422	4.5-5.5	4/22/2025	0.94	13	<0.50	7.4	7.8	<0.10	<0.50	<0.50

Notes:

1. All samples were collected by Nobis Group on the dates indicated.
2. All concentrations are reported in mg/kg, equivalent to parts per million (ppm), except where indicated.
3. "<X" indicates that the parameter was not present above the reporting limit X. "ns" indicates that no standard is established. "ND" indicates the parameters were not detected.
4. **Bold** values indicate exceedances of applicable standards.
5. The analyses were performed by Eastern Analytical of Concord, NH
6. Env-Or 600 Soil Remediation Standards are referenced in New Hampshire Code of Administrative Rules Part Env-Or 600, revised December 2024.

Table 5
Summary of Groundwater Elevation Data
Former Cloutier Property
 Tamworth, New Hampshire

NHDES Site No. 199812122 | SITEEVALHW Project No. 42908

Well ID	Date	Reference Elevation (ft.)	Depth to Groundwater (ft.)	Groundwater Elevation (ft.)
MW-1	4/23/2025	100.09	4.09	96.00
	5/8/2025		3.75	96.34
MW-2	4/23/2025	98.82	2.96	95.86
	5/8/2025		2.61	96.21
MW-3	4/23/2025	100.00	4.70	95.30
	5/8/2025		4.34	95.66
MW-4	4/23/2025	99.77	5.92	93.85
	5/8/2025		5.54	94.23
MW-5	4/23/2025	99.85	4.66	95.19
	5/8/2025		4.45	95.40

Notes:

1. The water level measurements are referenced to elevations established by a survey performed by Nobis on 4/23/25.

Table 6
Summary of Groundwater VOC Analyses
Former Cloutier Property
Tamworth, New Hampshire
NHDES Site No. 199812122 | SITEEVALHW Project No. 42908

NHDES Groundwater Standards		Parameters																
		Benzene	Toluene	Ethylbenzene	Xylenes (Total)	Naphthalene	Methyl tert-Butyl Ether (MtBE)	Isopropylbenzene	n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	p-Isopropyltoluene	n-Propylbenzene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Trichloroethene (TCE)	Tetrachloroethene (PCE)	Other 8260 VOCs
AGQS		5	1,000	700	10,000	100	13	800	260	260	260	260	260	330	330	5	5	Varies
GW-2		2,900	50,000	1,500	17,000	1,700	2,600	NS	NS	NS	NS	NS	NS	1,300	NS	20	240	Varies
Location	Date	Laboratory Analytical Results																
MW-1	5/8/2025	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
MW-2	5/8/2025	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
MW-3	5/8/2025	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
MW-4	5/8/2025	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
FD-01 (MW-4)	5/8/2025	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
MW-5	5/8/2025	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND

- Notes:**
- 1. All samples were collected by Nobis Group on the dates indicated.
 - 2. All concentrations are reported in ug/L, equivalent to parts per billion (ppb), except where indicated.
 - 3. "<X" indicates that the parameter was not present above the reporting limit X. "ns" indicates that no standard is established. "ND" indicates the parameters were not detected.
 - 4. **Bold** values indicate exceedances of applicable standards.
 - 5. The analyses were performed by Eastern Analytical of Concord, NH
 - 6. Env-Or 600 Ambient Groundwater Quality Standards are referenced in New Hampshire Code of Administrative Rules Part Env-Or 600, revised December 2024.

Table 7
Summary of Groundwater SVOC Analyses
Former Cloutier Property
Tamworth, New Hampshire
NHDES Site No. 199812122 | SITEEVALHW Project No. 42908

NHDES Groundwater Standards		Naphthalene	2-Methylnaphthalene	Acenaphthylene	Acenaphthene	Fluorene	Anthracene	Fluoranthene	Phenanthrene	Pyrene	Benzo[a]anthracene	Chrysene	Benzo[b]fluoranthene	Benzo[k]fluoranthene	Benzo[a]pyrene	Benzo[g,h,i]perylene	Indeno[1,2,3-cd]pyrene	Dibenz[a,h]anthracene	Other 8270 SVOCs
AGQS		100	280	420	420	280	2100	280	210	210	0.1	5	0.1	0.5	0.2	210	0.1	0.1	Varies
GW-2		1700	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns	ns
Location	Date																		
MW-1	5/8/2025	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	ND
MW-2	5/8/2025	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	ND
MW-3	5/8/2025	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	ND
MW-4	5/8/2025	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	ND
FD-01 (MW-4)	5/8/2025	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	ND
MW-5	5/8/2025	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	ND

- Notes:**
- 1. All samples were collected by Nobis Group on the dates indicated.
 - 2. All concentrations are reported in ug/L, equivalent to parts per billion (ppb), except where indicated.
 - 3. "<X" indicates that the parameter was not present above the reporting limit X. "ns" indicates that no standard is established. "ND" indicates the parameters were not detected.
 - 4. **Bold** values indicate exceedances of applicable standards.
 - 5. The analyses were performed by Eastern Analytical of Concord, NH
 - 6. Env-Or 600 Ambient Groundwater Quality Standards are referenced in New Hampshire Code of Administrative Rules Part Env-Or 600, revised December 2024.

Table 8
Summary of Groundwater Pesticides Analyses
Former Cloutier Property
Tamworth, New Hampshire
NHDES Site No. 199812122 | SITEEVALHW Project No. 42908

NHDES Groundwater Standards		Chlordane	Aldrin	a-BHC (Alpha)	b-BHC (Beta)	g-BHC (Lindane, Gamma)	d-BHC (Delta)	DDD	DDE	DDT	Dieldrin	a-Endosulfan	b-Endosulfan	Endosulfan Sulfate	Endrin	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene	Other Pesticides
AGQS		2	0.1	0.03	0.1	0.2	NS	0.1	0.1	0.1	0.1	NS	NS	NS	2	0.4	0.2	40	3	Varies
LOCATION	DATE	LABORATORY ANALYTICAL RESULTS																		
MW-1	5/8/2025	<0.11	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.53	ND
MW-2	5/8/2025	<0.11	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.54	ND
MW-3	5/8/2025	<0.11	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	<0.54	ND
MW-4	5/8/2025	<0.11	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.53	ND
FD-01 (MW-4)	5/8/2025	<0.11	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.055	<0.55	ND
MW-5	5/8/2025	<0.11	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.053	<0.53	ND

- Notes:
- 1. All samples were collected by Nobis Group on the dates indicated.
 - 2. All concentrations are reported in ug/L, equivalent to parts per billion (ppb), except where indicated.
 - 3. "<X" indicates that the parameter was not present above the reporting limit X. "ns" indicates that no standard is established. "ND" indicates the parameters were not detected.
 - 4. **Bold** values indicate exceedances of applicable standards.
 - 5. The analyses were performed by Eastern Analytical of Concord, NH
 - 6. Env-Or 600 Ambient Groundwater Quality Standards are referenced in New Hampshire Code of Administrative Rules Part Env-Or 600, revised December 2024.

Table 9
Summary of Groundwater Metals Analyses
Former Cloutier Property
 Tamworth, New Hampshire
 NHDES Site No. 199812122 | SITEEVALHW Project No. 42908

NHDES Groundwater Standards		Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Selenium	Silver
AGQS		5	2,000	5	100	15	2	50	100
Location	Date	Laboratory Analytical Results							
MW-1	5/8/2025	<1.0	2.3	<1.0	<1.0	<1.0	<0.1	<1.0	<1.0
MW-2	5/8/2025	<1.0	1.6	<1.0	<1.0	<1.0	<0.1	<1.0	<1.0
MW-3	5/8/2025	<1.0	2.9	<1.0	<1.0	<1.0	<0.1	<1.0	<1.0
MW-4	5/8/2025	<1.0	3.9	<1.0	<1.0	<1.0	<0.1	<1.0	<1.0
FD-01 (MW-4)	5/8/2025	<1.0	3.9	<1.0	<1.0	<1.0	<0.1	<1.0	<1.0
MW-5	5/8/2025	<1.0	8.6	<1.0	<1.0	<1.0	<0.1	<1.0	<1.0

Notes:

1. All samples were collected by Nobis Group on the dates indicated.
2. All concentrations are reported in ug/L, equivalent to parts per billion (ppb), except where indicated.
3. "<X" indicates that the parameter was not present above the reporting limit X. "ns" indicates that no standard is established. "ND" indicates the parameters were not detected.
4. **Bold** values indicate exceedances of applicable standards.
5. The analyses were performed by Eastern Analytical of Concord, NH
6. Env-Or 600 Ambient Groundwater Quality Standards are referenced in New Hampshire Code of Administrative Rules Part Env-Or 600, revised December 2024.

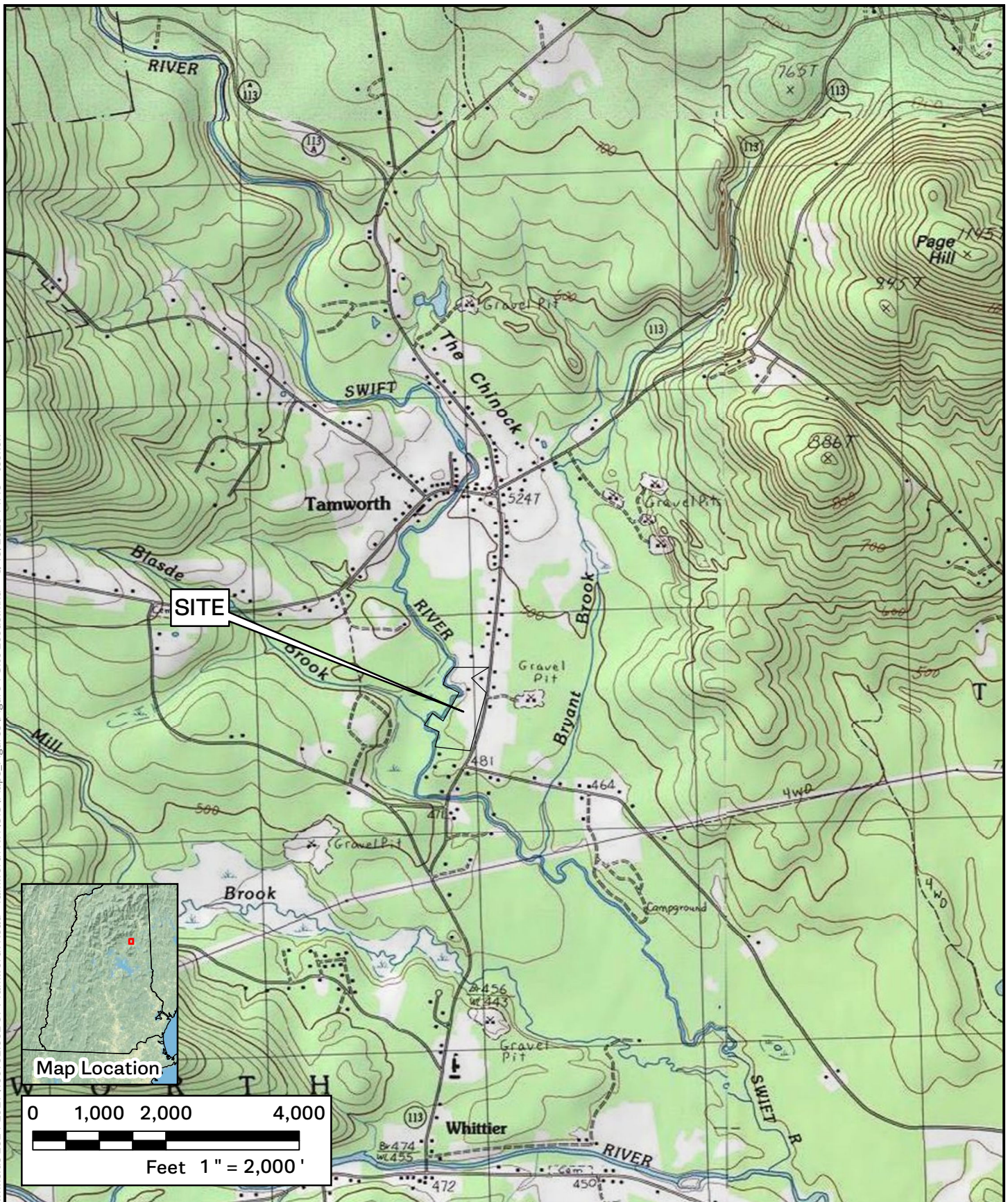
Table 10
Summary of Groundwater PFAS Analyses
Former Cloutier Property
Tamworth, New Hampshire
NHDES Site No. 199812122 | SITEEVALHW Project No. 42908

PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS)		Carboxylates/Carboxylic Acids										Sulfonates/Sulfonic Acids							Sulfonamides/Flourotelemers				
		Perfluorobutanoic Acid (PFBA)	Perfluoropentanoic Acid (PFPeA)	Perfluorohexanoic Acid (PFHxA)	Perfluoroheptanoic Acid (PFHpA)	Perfluorooctanoic Acid (PFOA)	Perfluorononanoic Acid (PFNA)	Perfluorodecanoic Acid (PFDA)	Perfluoroundecanoic Acid (PFUnA)	Perfluorododecanoic Acid (PFDoA)	Perfluorotridecanoic Acid (PFTrDA)	Perfluorotetradecanoic Acid (PFTA)	Perfluorobutane Sulfonate (PFBS)	Perfluorohexane Sulfonate (PFHxS)	Perfluoroheptane Sulfonate (PFHpS)	Perfluorooctane Sulfonate (PFOS)	Perfluorooctane Sulfonamide (PFOSA)	Perfluorodecane Sulfonate (PFDS)	Perfluoropentanesulfonic Acid (PFPeS)	N-ethylperfluorooctanesulfonamidoacetic acid (N-EtFOSAA)	N-methylperfluorooctanesulfonamidoacetic acid (N-MeFOSAA)	6:2 Fluorotelomer Sulfonate (6:2 FTS)	8:2 Fluorotelomer Sulfonate (8:2 FTS)
CAS Number		375-22-4	2706-90-3	307-24-4	375-85-9	335-67-1	375-95-1	335-76-2	2058-94-8	307-55-1	72629-94-8	376-06-7	375-73-5	355-46-4	375-92-8	1763-23-1	754-91-6	335-77-3	2076-91-4	2991-50-6	2355-31-9	27619-97-2	39108-34-4
AGQS		NS	NS	NS	NS	12	11	NS	NS	NS	NS	NS	NS	18	NS	15	NS	NS	NS	NS	NS	NS	NS
Location	Date	Laboratory Analytical Results																					
MW-2	5/8/2025	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
MW-3	5/8/2025	<1.7	<1.7	<1.7	<1.7	<1.7	3.0	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
MW-4	5/8/2025	<1.8	<1.8	<1.8	<1.8	2.6	8.9	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
FD-01 (MW-4)	5/8/2025	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7

- Notes:
1. All samples were collected by Nobis Group on the dates indicated.
 2. All concentrations are reported in ng/L, equivalent to parts per trillion (ppb), except where indicated.
 3. "<X" indicates that the parameter was not present above the reporting limit X. "ns" indicates that no standard is established. "ND" indicates the parameters were not detected.
 4. **Bold** values indicate exceedances of applicable standards.
 5. The analyses were performed by Eastern Analytical of Concord, NH
 6. Env-Or 600 Ambient Groundwater Quality Standards are referenced in New Hampshire Code of Administrative Rules Part Env-Or 600, revised December 2024.

F I G U R E S

J:\100752.000 LRPC Brownfields 2024-2027\100752.002 374 Tamworth Road - Tamworth NH\GIS\Maps_Figures\Figure 1 Site Locus.mxd 6/13/2025 14:43 tcohen



USGS Topographic Map
Tamworth, New Hampshire
Revised 1987



FIGURE 1

SITE LOCUS
FORMER CLOUTIER PROPERTY
374 TAMWORTH ROAD
TAMWORTH, NEW HAMPSHIRE

PREPARED BY: TEF

CHECKED BY: TA

PROJECT NO. 100752.002

DATE: JULY 2025

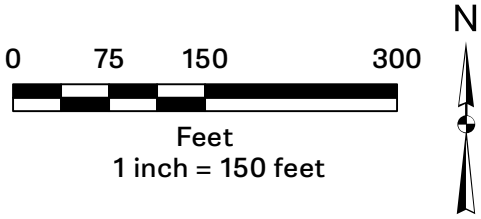
J:\100752.000 LRPC Brownfields 2024-2027\100752.002 374 Tamworth Road - Tamworth NH\GIS\Maps_Figures\Figure 2A Site Plan.mxd 6/13/2025 14:45 toohen



- Notes:**
1. Locations of site features depicted hereon are approximate and given for illustrative purposes only.
 2. Basemap from NH Granit, 2021.
 3. Site Feature locations based upon Tamworth, NH GIS and observations by Nobis.

Legend

- 2024 Tamworth Tax Parcels
- Site Boundary
- 55-Gallon Drum
- Dug Well
- Monitoring Well
- Monitoring Well (Installed by others)





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www.nobis-group.com

FIGURE 2A	
SITE OVERVIEW PLAN FORMER CLOUTIER PROPERTY 374 TAMWORTH ROAD TAMWORTH, NEW HAMPSHIRE	
PREPARED BY: TC	CHECKED BY: TA
PROJECT NO. 100752.002	DATE: JULY 2025

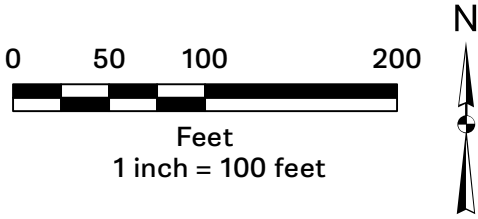
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- Notes:**
1. Locations of site features depicted hereon are approximate and given for illustrative purposes only.
 2. Basemap from NH Granit, 2021.
 3. Site Feature locations based upon Tamworth, NH GIS and observations by Nobis.

Legend

- Site Boundary
- 55-Gallon Drum
- Dug Well
- Monitoring Well
- Monitoring Well (Installed by others)
- AST Area
- Building
- Former Building sawmill
- Former Building trucking depot
- Sawdust area
- Wood Platform
- Wood supplies
- NH_Parcel_Mosaic_-_Polygons selection





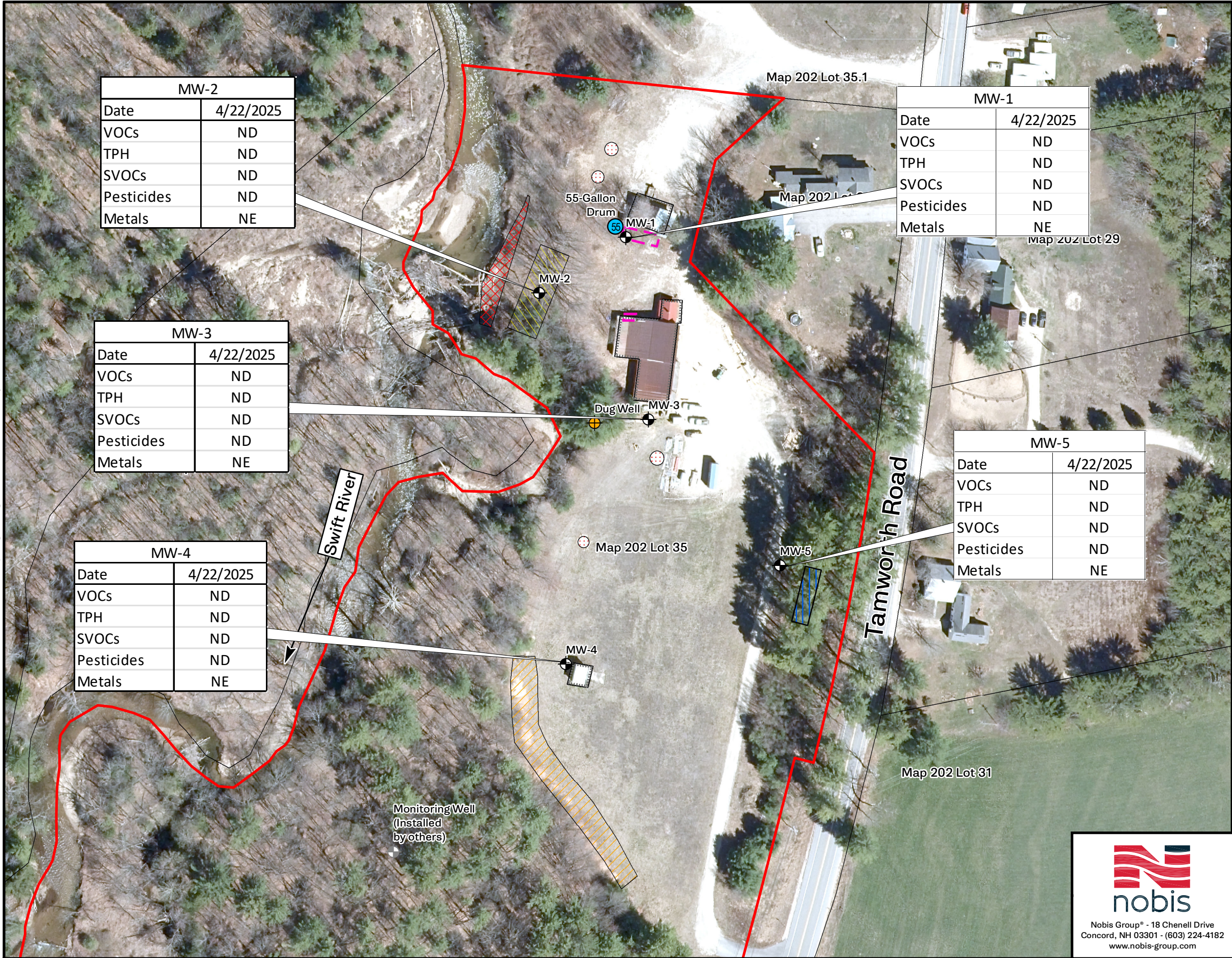
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FIGURE 2B

SITE FEATURES PLAN
FORMER CLOUTIER PROPERTY
374 TAMWORTH ROAD
TAMWORTH, NEW HAMPSHIRE

PREPARED BY: TC	CHECKED BY: TA
PROJECT NO. 100752.002	DATE: JULY 2025

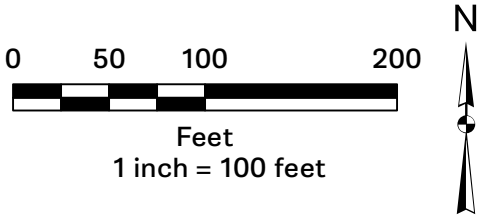
J:\100752.000 LRPC Brownfields 2024-2027\100752.002 374 Tamworth Road - Tamworth NH\GIS\Maps_Figures\Figure 3 Site Plan with Soil Analytical Data.mxd 6/13/2025 14:49 tcohen



- Notes:**
1. Locations of site features depicted hereon are approximate and given for illustrative purposes only.
 2. Basemap from NH Granit, 2021.
 3. Site Feature locations based upon Tamworth, NH GIS and observations by Nobis.
 4. Bold indicates concentration exceeds applicable standards. "ND" indicates the concentration was below laboratory detection limits. "NE" indicates that the concentration detected was below applicable standards

Legend

- Site Boundary
- 55-Gallon Drum
- Dug Well
- Monitoring Well
- Monitoring Well (Installed by others)
- AST Area
- Building
- Former Building sawmill
- Former Building trucking depot
- Sawdust area
- Wood Platform
- Wood supplies





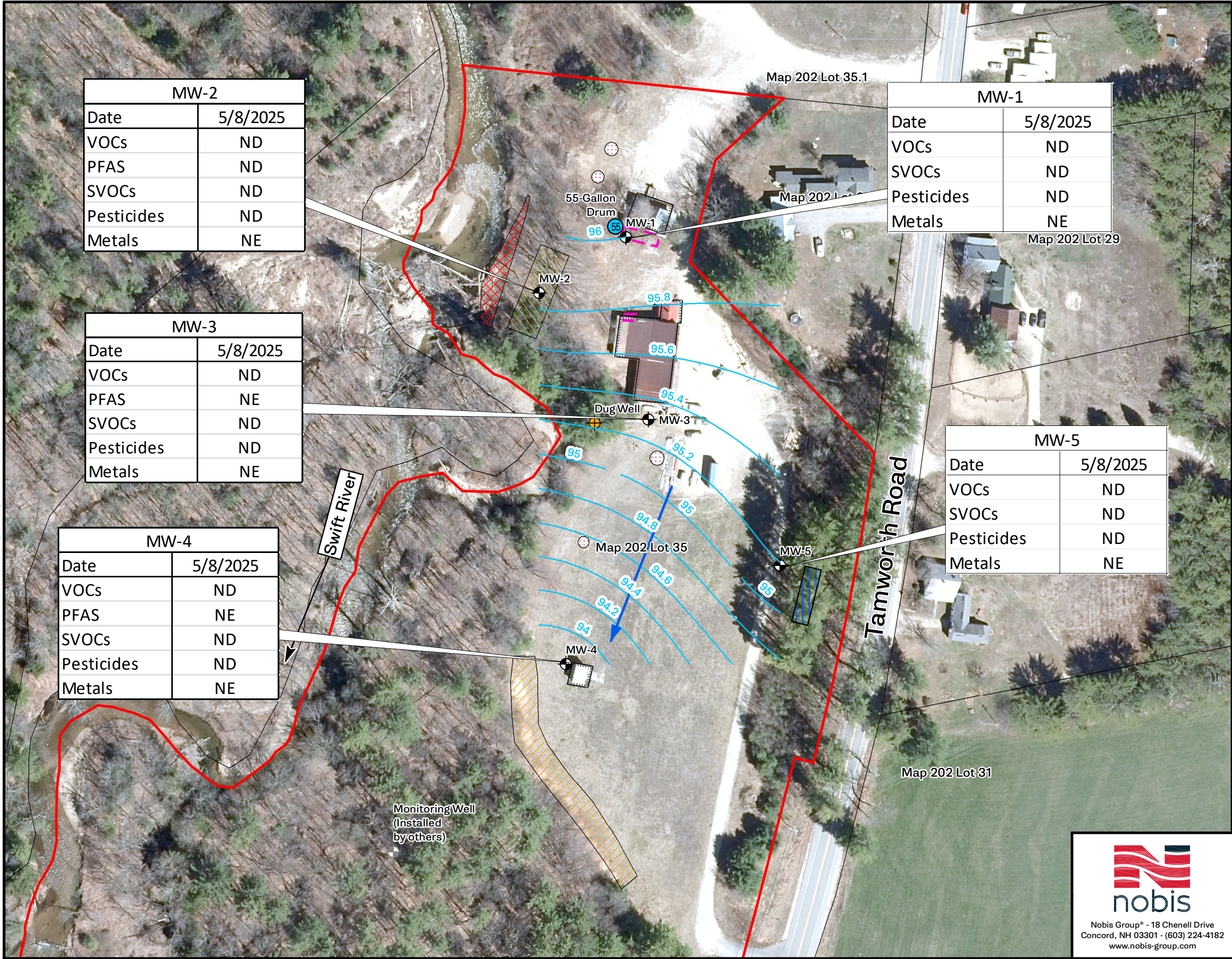
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FIGURE 3

SITE PLAN WITH
SOIL ANALYTICAL DATA
FORMER CLOUTIER PROPERTY
374 TAMWORTH ROAD
TAMWORTH, NEW HAMPSHIRE

PREPARED BY: TC	CHECKED BY: TA
PROJECT NO. 100752.002	DATE: JULY 2025

J:\100752.000 LRPC Brownfields 2024-2027\100752.002 374 Tamworth Road - Tamworth NH\GIS\Maps_Figures\Figure 4 Site Plan with GW Analytical Data and Contours.mxd 6/13/2025 14:52 tochen



MW-2	
Date	5/8/2025
VOCs	ND
PFAS	ND
SVOCs	ND
Pesticides	ND
Metals	NE

MW-3	
Date	5/8/2025
VOCs	ND
PFAS	NE
SVOCs	ND
Pesticides	ND
Metals	NE

MW-4	
Date	5/8/2025
VOCs	ND
PFAS	NE
SVOCs	ND
Pesticides	ND
Metals	NE

MW-1	
Date	5/8/2025
VOCs	ND
SVOCs	ND
Pesticides	ND
Metals	NE

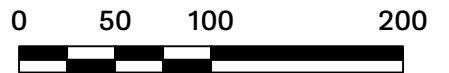
MW-5	
Date	5/8/2025
VOCs	ND
SVOCs	ND
Pesticides	ND
Metals	NE

Notes:

1. Locations of site features depicted hereon are approximate and given for illustrative purposes only.
2. Basemap from NH Granit, 2021.
3. Site Feature locations based upon Tamworth, NH GIS and observations by Nobis.
4. Bold indicates concentration exceeds applicable standards. "ND" indicates the concentration was below laboratory detection limits. "NE" indicates that the concentration detected was below applicable standards.

Legend

- Site Boundary
- Inferred Groundwater Countours
- Inferred Groundwater Flow Direction
- 55-Gallon Drum
- Dug Well
- Monitoring Well
- Monitoring Well (Installed by others)
- AST Area
- Building
- Former Building sawmill
- Former Building trucking depot
- Sawdust area
- Wood Platform
- Wood supplies



Feet
1 inch = 100 feet



FIGURE 4

SITE PLAN WITH
GROUNDWATER CONTOURS
AND GROUNDWATER ANALYTICAL DATA
FORMER CLOUTIER PROPERTY
374 TAMWORTH ROAD
TAMWORTH, NEW HAMPSHIRE

PREPARED BY: TC	CHECKED BY: TA
PROJECT NO. 100752.002	DATE: JULY 2025



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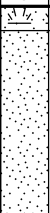
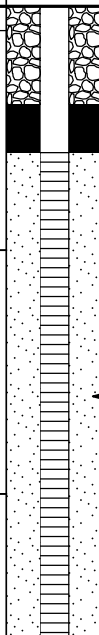
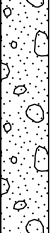
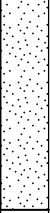
A P P E N D I C E S

A P P E N D I X A

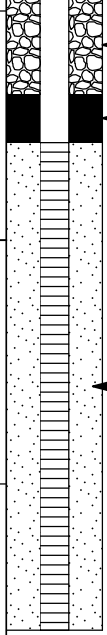
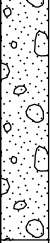
1. These environmental services were performed in accordance with generally accepted practices of other consultants undertaking similar assessments at the same time and in the same geographical area. The results of this assessment are based on our professional judgment and are not scientific certainties. Specifically, Nobis Group® does not and cannot represent that the site contains no hazardous wastes, oil, or other latent conditions beyond those observed during this assessment. No other warranty, express or implied, is made.
2. The observations and conclusions presented in this report were made solely on the basis of conditions described in the report and not on scientific tasks or procedures beyond the scope of described services or the budgetary and time constraints imposed by the client. The work described in this report was performed in accordance with the terms and conditions of our contract. No other warranty, express or implied, is made.
3. Observations were made of the site as indicated in this report. Where access to portions of the site was unavailable or limited, Nobis Group® renders no opinion as to the presence of hazardous wastes or the presence of indirect evidence of hazardous wastes in that portion of the site.
4. No property boundary, site feature, or topographic surveys of the site were performed by Nobis Group® unless specifically indicated in the text of the report.
5. No sampling or testing was performed for the presence of dioxins, furans, pesticides, herbicides, radon, lead paint, urea-formaldehyde, asbestos, or polychlorinated biphenyls (PCBs) at the site unless specifically indicated in the text of the report.
6. Except as noted within the text of the report, no quantitative laboratory testing was performed as part of this assessment. Where such analyses have been conducted by an outside laboratory, Nobis Group® has relied upon the data provided and has not conducted an independent evaluation of the reliability of these data.
7. This report has been prepared for the exclusive use by the Lakes Region Planning Commission (LRPC) for use in an environmental evaluation of the site. This report shall not, in whole or in part, be conveyed to any other party, other than those authorized without prior written consent of Nobis Group®.

A P P E N D I X B

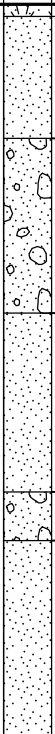
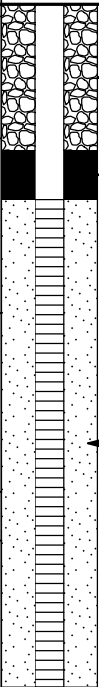
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				BORING LOG				Boring No.: MW-1					
				Project: <u>Former Cloutier Property</u>				Boring Location: _____					
				Location: <u>Tamworth, New Hampshire</u>				Checked by: <u>T. Andrews</u>					
				Nobis Project No.: <u>100752.002</u>				Date Start: <u>April 22, 2025</u>					
								Date Finish: <u>April 22, 2025</u>					
Contractor: <u>Eastern Analytical, Inc.</u>				Rig Type / Model: <u>Geoprobe / 7822 DT</u>				Ground Surface Elev.: _____					
Driller: <u>B. Law</u>				Hammer Type: <u>Safety Hammer</u>				Top of Riser Elev.: <u>100.09</u>					
Nobis Rep.: <u>T. Cohen</u>				Hammer Hoist: <u>Automatic</u>				Datum: _____					
		Drilling Method		Sampler		Groundwater Observations							
Type		Geoprobe		Macro-Core Liners		Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time		
Size ID (in.)		4		1.75 x 60		04/23/25	00:00	4.09		12.62			
Advancement		Direct Push		Push									
Depth (ft.)	SAMPLE INFORMATION				PID (ppm)	Ground Water	LITHOLOGY		SAMPLE DESCRIPTION AND REMARKS (Classification System: Modified Burmister)			WELL DETAIL	NOTES
	Type & No.	Rec (in.)	Depth (ft.)	Blows/ 6 in.			Graphic	Stratum Elev. / Depth (ft.)					
1	P1	26	0-5		6.9		TOPSOIL / 0.5	P1A (6"): Brown, fine SAND, little Silt, trace Roots. Moist.					
2					3.6		SAND	P1B (20"): Gray brown, fine to coarse SAND, some fine to coarse Gravel, trace Silt. Moist.					
3													
4													
5													
6	P2	27	5-10		5.2		SAND AND GRAVEL	P2A: Gray brown, fine to coarse GRAVEL and Sand, trace Silt. with layering. Wet.					
7					6.5								
8													
9													
10													
11	P3	38	10-15		1.5		SAND	P3A: Brown, fine to coarse SAND, some fine to coarse Gravel. Wet.					
12					2.4								
13					3.0								
14													
15													
16							/ 15.0	Boring terminated at 15 feet.					
17													
18													
19													
20													
21													
22													
23													
24													
25													
Soil	Percentage	Non-Soil	NOTES:										
trace	5 - 10	very few	1) No elevated PID readings noted, sample obtained from 5-7 foot interval for analytical testing										
little	10 - 20	few											
some	20 - 35	several											
and	35 - 50	numerous											
Soil descriptions, and lithology, are based on visual classifications and should be considered approximate. Stratification lines are approximate boundaries between strata; transitions may be gradual.												Page No. <u>1</u> of <u>1</u>	

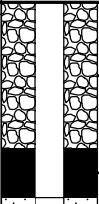
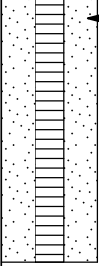
BOREHOLE LOG - NOBIS GINT DATA TEMPLATE OCT 7 2011 GDT - 6/13/25 14:37 - J:\100752.000 LRPC BROWNFIELD 2024-2027\100752.002 374 TAMMORTH ROAD - TAMMORTH NH\FIELD DATA\SURFACE EXPLORATIONS\BORING LOGS 2025.GPJ

				BORING LOG				Boring No.: MW-2					
				Project: <u>Former Cloutier Property</u>				Boring Location: _____					
				Location: <u>Tamworth, New Hampshire</u>				Checked by: <u>T. Andrews</u>					
				Nobis Project No.: <u>100752.002</u>				Date Start: <u>April 22, 2025</u>					
								Date Finish: <u>April 22, 2025</u>					
Contractor: <u>Eastern Analytical, Inc.</u>				Rig Type / Model: <u>Geoprobe / 7822 DT</u>				Ground Surface Elev.: _____					
Driller: <u>B. Law</u>				Hammer Type: <u>Safety Hammer</u>				Top of Riser Elev.: <u>98.82</u>					
Nobis Rep.: <u>T. Cohen</u>				Hammer Hoist: <u>Automatic</u>				Datum: _____					
		Drilling Method		Sampler		Groundwater Observations							
Type		Geoprobe		Macro-Core Liners		Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time		
Size ID (in.)		4		1.75 x 60		04/23/25	00:00	2.96		11.59			
Advancement		Direct Push		Push									
Depth (ft.)	SAMPLE INFORMATION				PID (ppm)	Ground Water	LITHOLOGY		SAMPLE DESCRIPTION AND REMARKS (Classification System: Modified Burmister)			WELL DETAIL	NOTES
	Type & No.	Rec (in.)	Depth (ft.)	Blows/ 6 in.			Graphic	Stratum Elev. / Depth (ft.)					
1	P1	18	0-5		1.3		TOPSOIL	SAND	P1A (3"): Brown, fine SAND, little Silt, trace Roots. Moist. P1B (10"): Reddish brown, fine to coarse SAND, trace coarse Gravel, trace Silt. Moist. P1C (5"): Reddish brown, fine to coarse SAND, trace coarse Gravel, trace Silt. Wet.				
2				1.7									
3													
4													
5													
6	P2	20	5-10		2.0		SAND AND GRAVEL	P2A: Brown, fine to coarse SAND, some coarse Gravel, trace Silt. Wet.					
7				2.5									
8													
9													
10													
11	P3	0	10-15					Unable to recover due to groundwater.					
12													
13													
14													
15													
16								Boring terminated at 15 feet.					
17													
18													
19													
20													
21													
22													
23													
24													
25													
Soil	Percentage	Non-Soil	NOTES:										
trace	5 - 10	very few	1) No elevated PID readings noted, sample obtained from 4-5 foot interval for analytical testing										
little	10 - 20	few											
some	20 - 35	several											
and	35 - 50	numerous											
Soil descriptions, and lithology, are based on visual classifications and should be considered approximate. Stratification lines are approximate boundaries between strata; transitions may be gradual.												Page No. <u>1</u> of <u>1</u>	

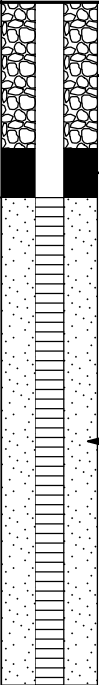
BOREHOLE LOG - NOBIS GINT DATA TEMPLATE OCT 7 2011 GDT - 6/13/25 14:37 - J:\100752.000 LRPC BROWNFIELD 2024-2027\100752.002 374 TAMMORTH ROAD - TAMMORTH NH\FIELD DATA\SURFACE EXPLORATIONS\BORING LOGS 2025.GPJ

				BORING LOG				Boring No.: MW-3					
				Project: <u>Former Cloutier Property</u>				Boring Location: _____					
				Location: <u>Tamworth, New Hampshire</u>				Checked by: <u>T. Andrews</u>					
				Nobis Project No.: <u>100752.002</u>				Date Start: <u>April 22, 2025</u>					
								Date Finish: <u>April 22, 2025</u>					
Contractor: <u>Eastern Analytical, Inc.</u>				Rig Type / Model: <u>Geoprobe / 7822 DT</u>				Ground Surface Elev.: _____					
Driller: <u>B. Law</u>				Hammer Type: <u>Safety Hammer</u>				Top of Riser Elev.: <u>100</u>					
Nobis Rep.: <u>T. Cohen</u>				Hammer Hoist: <u>Automatic</u>				Datum: _____					
		Drilling Method		Sampler		Groundwater Observations							
Type		Geoprobe		Macro-Core Liners		Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time		
Size ID (in.)		4		1.75 x 60		04/23/25	00:00	4.70		13.71			
Advancement		Direct Push		Push									
Depth (ft.)	SAMPLE INFORMATION				PID (ppm)	Ground Water	LITHOLOGY		SAMPLE DESCRIPTION AND REMARKS (Classification System: Modified Burmister)			WELL DETAIL	NOTES
	Type & No.	Rec (in.)	Depth (ft.)	Blows/ 6 in.			Graphic	Stratum Elev. / Depth (ft.)					
1	P1	39	0-5		5.4		7.03 TOPSOIL	P1A (3"): Brown, fine SAND, little Silt, trace Roots. Moist.					
2				5.1	SAND		P1B (32"): Dark brown, fine to medium SAND, trace Silt. with layering. Moist.						
3				10.5			P1C (4"): Light brown, fine to coarse SAND. Moist.						
4					SAND AND GRAVEL		P2A (8"): Dark brown, fine to coarse GRAVEL and Sand, trace Silt. Wet.						
5	P2	24	5-10	4.2			P2B (16"): Light, fine to coarse SAND. Wet.						
6				5.4									
7					SAND								
8													
9													
10													
11	P3	28	10-15	3.3	SAND AND GRAVEL		P3A (8"): Reddish brown, fine to coarse GRAVEL and Sand, trace Silt. Wet.						
12				3.8			P3B (7"): Brown gray, fine to coarse SAND, trace Silt. Wet.						
13					SAND								
14													
15					/ 15.0								
16						Boring terminated at 15 feet.							
17													
18													
19													
20													
21													
22													
23													
24													
25													
Soil	Percentage	Non-Soil		NOTES:									
trace little some and	5 - 10 10 - 20 20 - 35 35 - 50	very few few several numerous		1) No elevated PID readings noted, sample obtained from 3-5 foot interval for analytical testing									
Soil descriptions, and lithology, are based on visual classifications and should be considered approximate. Stratification lines are approximate boundaries between strata; transitions may be gradual.												Page No. <u>1</u> of <u>1</u>	

BOREHOLE LOG - NOBIS GINT DATA TEMPLATE OCT 7 2011 GDT - 6/13/25 14:37 - J:\100752.000 LRPC BROWNFIELD 2024-2027\100752.002 374 TAMMORTH ROAD - TAMMORTH NH\FIELD DATA\SURFACE EXPLORATIONS\BORING LOGS 2025.GPJ

				BORING LOG				Boring No.: MW-4						
				Project: <u>Former Cloutier Property</u>				Boring Location: _____						
				Location: <u>Tamworth, New Hampshire</u>				Checked by: <u>T. Andrews</u>						
				Nobis Project No.: <u>100752.002</u>				Date Start: <u>April 22, 2025</u>						
								Date Finish: <u>April 22, 2025</u>						
Contractor: <u>Eastern Analytical, Inc.</u>				Rig Type / Model: <u>Geoprobe / 7822 DT</u>				Ground Surface Elev.: _____						
Driller: <u>B. Law</u>				Hammer Type: <u>Safety Hammer</u>				Top of Riser Elev.: <u>99.77</u>						
Nobis Rep.: <u>T. Cohen</u>				Hammer Hoist: <u>Automatic</u>				Datum: _____						
		Drilling Method		Sampler		Groundwater Observations								
Type		Geoprobe		Macro-Core Liners		Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time			
Size ID (in.)		4		1.75 x 60		04/23/25	00:00	5.92		13.71				
Advancement		Direct Push		Push										
Depth (ft.)	SAMPLE INFORMATION				PID (ppm)	Ground Water	LITHOLOGY		SAMPLE DESCRIPTION AND REMARKS (Classification System: Modified Burmister)			WELL DETAIL	NOTES	
	Type & No.	Rec (in.)	Depth (ft.)	Blows/ 6 in.			Graphic	Stratum Elev. / Depth (ft.)						
1	P1	36	0-5					TOPSOIL	P1A (3"): Brown, fine SAND, little Silt, trace Roots. Moist.					
2					0.3				P1B (7"): Light brown, fine to coarse SAND, trace Silt. Moist.					
3					1.1			SAND	P1C (26"): Dark brown, fine SAND, trace Silt. Moist.					
4					0.7									
5														
6	P2	35	5-10		1.1				P2A (21"): Light brown, fine to coarse SAND, trace Silt. Wet.					
7					1.5									
8					1.1			SAND	P2B (7"): Dark brown to black, fine to coarse SAND, trace Silt, trace fine Gravel. Wet.					
9									P2C (7"): Dark brown, fine to coarse SAND, trace fine Gravel, trace Silt. Wet.					
10														
11	P3	20	10-15		0.7				P3A: Light brown, fine to coarse SAND, trace fine Gravel, trace Silt. Wet.					
12														
13								SAND						
14														
15								/ 15.0						
16									Boring terminated at 15 feet.					
17														
18														
19														
20														
21														
22														
23														
24														
25														
Soil	Percentage	Non-Soil		NOTES:										
trace	5 - 10	very few		1) No elevated PID readings noted, sample obtained from 5-6 foot interval for analytical testing. A field duplicate (FD-01) from this interval was obtained.										
little	10 - 20	few												
some	20 - 35	several												
and	35 - 50	numerous												
Soil descriptions, and lithology, are based on visual classifications and should be considered approximate. Stratification lines are approximate boundaries between strata; transitions may be gradual.													Page No. <u>1</u> of <u>1</u>	

BOREHOLE LOG - NOBIS GINT DATA TEMPLATE OCT 7 2011 GDT - 6/13/25 14:37 - J:\100752.000 LRPC BROWNFIELD 2024-2027\100752.002 374 TAMMORTH ROAD - TAMMORTH NH\FIELD DATA\SUBSURFACE EXPLORATIONS\BORING LOGS 2025.GPJ

				BORING LOG				Boring No.: MW-5					
				Project: <u>Former Cloutier Property</u>				Boring Location: _____					
				Location: <u>Tamworth, New Hampshire</u>				Checked by: <u>T. Andrews</u>					
				Nobis Project No.: <u>100752.002</u>				Date Start: <u>April 22, 2025</u>					
								Date Finish: <u>April 22, 2025</u>					
Contractor: <u>Eastern Analytical, Inc.</u>				Rig Type / Model: <u>Geoprobe / 7822 DT</u>				Ground Surface Elev.: _____					
Driller: <u>B. Law</u>				Hammer Type: <u>Safety Hammer</u>				Top of Riser Elev.: <u>99.85</u>					
Nobis Rep.: <u>T. Cohen</u>				Hammer Hoist: <u>Automatic</u>				Datum: _____					
		Drilling Method		Sampler		Groundwater Observations							
Type		Geoprobe		Macro-Core Liners		Date	Time	Depth Below Ground (ft.)	Depth of Casing (ft.)	Depth to Bottom of Hole (ft.)	Stabilization Time		
Size ID (in.)		4		1.75 x 60		04/23/25	00:00	4.66		13.62			
Advancement		Direct Push		Push									
Depth (ft.)	SAMPLE INFORMATION				PID (ppm)	Ground Water	LITHOLOGY		SAMPLE DESCRIPTION AND REMARKS (Classification System: Modified Burmister)			WELL DETAIL	NOTES
	Type & No.	Rec (in.)	Depth (ft.)	Blows/ 6 in.			Graphic	Stratum Elev. / Depth (ft.)					
1	P1	26	0-5					TOPSOIL / 0.5	P1A (4"): Brown, fine SAND, little Silt, trace Roots. Moist.				
2					32			SAND	P1B (3"): Light brown, fine to medium SAND, trace Silt. Moist.				
3					13				P1C (7"): Brown, fine SAND, some Silt. Moist.				
4					4.5				P1D (4"): Brown gray, fine to medium SAND, some Silt. Moist.				
5									P1E (8"): Brown, fine to coarse SAND, some coarse Gravel, trace Silt. Moist.				
6	P2	16	5-10		2.0			SAND AND GRAVEL	P2A (16"): Light brown, fine to coarse GRAVEL and Sand, trace Silt. Wet.				
7													
8													
9													
10													
11	P3	36	10-15		1.2			/ 15.0	P3A (36"): Light brown, fine to medium SAND, some fine to coarse Gravel. Wet.				
12					1.5								
13					2.1								
14													
15													
16								Boring terminated at 15 feet.					
17													
18													
19													
20													
21													
22													
23													
24													
25													
Soil	Percentage	Non-Soil		NOTES:									
trace	5 - 10	very few		1) No elevated PID readings noted, sample obtained from 4.5-5.5 foot interval for analytical testing									
little	10 - 20	few											
some	20 - 35	several											
and	35 - 50	numerous											
Soil descriptions, and lithology, are based on visual classifications and should be considered approximate. Stratification lines are approximate boundaries between strata; transitions may be gradual.												Page No. <u>1</u> of <u>1</u>	

A P P E N D I X C



Low-Flow Field Log

Date: 5/8/2025

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Site Name: Former Cloutier Property
Job Number: 100752.00
Sampler: Travis Cohen

Well ID: MW-3
Sample ID: mw3-20250508
Reviewed By: TC

Measurement Reference Point (MP): pvc (PVC, Casing, Ground, etc.)
Depth to GW: 4.34 (ft from MP)
Depth to Bottom: 13.71 (ft from MP)
Pump Intake Depth: 9 (ft from MP)
Well depth as installed: 14 (ft bgs)
Screen interval (range): 4-14 (ft bgs)

Purging start time: 920
Parameter stabalization (Y/N): y
Two hour time limit reached (Y/N): n
Sample time: 1120
Total volume purged (gals): 3.5
Time at purge completion: 1115

Equipment Vendor: US ENV
Pump Type: peri

Turbidity Meter: Geotech
Serial #: 24035217

Multimeter: YSI PRO QUATRO
Serial #: 24E100758

Notes (Initial PID reading, SOP deviations, etc.):

Lab Analyses:

pesticides, vocs, pfas, metals, abn

QC Info (Duplicate, MS/MSD)

Clock Time	Bladder Pump Discharge/ Refill	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp ±3%	Spec. Cond. ±3%	pH ±0.1	ORP ±10	DO ±10% if >0.5 mg/L	Turbidity ±10% if >5 NTU	Comments/Gas Pressure/Observations	Stability Calculator (auto)
HHMM	sec./sec. or setting	ml/min	ft. below MP	ft.	ft.	oC	µS/cmC		mV	mg/L	NTU		
940		120	4.34	0.00	0.00								
945		120	4.34	0.00	0.00	9.30	68.8	5.54	173.6	5.76	31.8		
950		120	4.34	0.00	0.00	9.60	66.2	5.62	179	5.56	23		
955		120	4.34	0.00	0.00	9.50	65.6	5.68	188.4	5.21	20.6		Not Stable
1000		120	4.34	0.00	0.00	9.40	65.3	5.68	192.9	4.19	13.4		Not Stable
1005		120	4.34	0.00	0.00	9.00	65.5	5.66	200	4.20	13.1		Not Stable
1010		120	4.34	0.00	0.00	8.90	65.3	5.65	205.5	4.14	9.27		Not Stable
1015		120	4.34	0.00	0.00	8.90	65.6	5.67	208.2	4.16	9.72		Not Stable
1020		120	4.34	0.00	0.00	8.80	65.4	5.67	211.6	4.14	8.42		Not Stable
1025		120	4.34	0.00	0.00	8.70	65.4	5.67	215.7	4.18	7.74		Not Stable
1030		120	4.34	0.00	0.00	8.70	65.6	5.69	217.8	4.14	5.97		Not Stable
1035		120	4.34	0.00	0.00	8.80	65.5	5.69	219	4.14	6.53		Not Stable
1040		120	4.34	0.00	0.00	8.90	65.4	5.69	222.2	4.20	3.89		Not Stable
1045		120	4.34	0.00	0.00	9.20	65.5	5.71	223.4	4.15	4.39		Not Stable
1050		120	4.34	0.00	0.00	9.10	65.2	5.71	224.9	4.07	4.18		Not Stable
1055		120	4.34	0.00	0.00	8.90	65.5	5.71	226.7	4.09	3.23		Not Stable
1100		120	4.34	0.00	0.00	9.20	65.5	5.72	227.4	4.11	3.5		Not Stable

Low-Flow Field Log

Date:

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Well ID:

Site Name: _____
Job Number: _____
Sampler: _____

Sample ID:

Reviewed By:

Measurement Reference Point (MP): _____ (PVC, Casing, Ground, etc.)

Depth to GW: _____ (ft from MP)

Depth to Bottom: _____ (ft from MP)

Pump Intake Depth: _____ (ft from MP)

Well depth as installed: _____ (ft bgs)

Screen interval (range): _____ (ft bgs)

Purging start time:	
Parameter stabilization (Y/N):	
Two hour time limit reached (Y/N):	
Sample time:	0:00
Total volume purged (gals):	3.5
Time at purge completion:	

Equipment Vendor: _____
Pump Type: _____

Turbidity Meter: _____
Serial #: _____

Multimeter: YSI PRO QUATRO
Serial #: 24E100758

Notes (Initial PID reading, SOP deviations, etc.):

Lab Analyses:

pesticides, vocs, pfas, metals, abn

QC Info (Duplicate, MS/MSD)

0

[illegible]



Low-Flow Field Log

Date: 5/8/2025

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Site Name: Former Cloutier Property
Job Number: 100752.00
Sampler: Travis Cohen

Well ID: MW-4
Sample ID: MW4-20250508
Reviewed By: TC

Measurement Reference Point (MP): pvc (PVC, Casing, Ground, etc.)
Depth to GW: 5.54 (ft from MP)
Depth to Bottom: 13.71 (ft from MP)
Pump Intake Depth: 7 (ft from MP)
Well depth as installed: 14 (ft bgs)
Screen interval (range): 4-14 (ft bgs)

Purging start time: 1150
Parameter stabilization (Y/N): y
Two hour time limit reached (Y/N): n
Sample time: 1300
Total volume purged (gals): 2.5
Time at purge completion: 1250

Equipment Vendor: US ENV
Pump Type: peri

Turbidity Meter: Geotech
Serial #: 24035217

Multimeter: YSI PRO QUATRO
Serial #: 24E100758

Notes (Initial PID reading, SOP deviations, etc.):

Lab Analyses:

pesticides, vocs, pfas, metals, abn

QC Info (Duplicate, MS/MSD)

Field Duplicate FD-02 taken

Clock Time	Bladder Pump Discharge/ Refill	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp ±3%	Spec. Cond. ±3%	pH ±0.1	ORP ±10	DO ±10% if >0.5 mg/L	Turbidity ±10% if >5 NTU	Comments/Gas Pressure/Observations	Stability Calculator (auto)
HHMM	sec./sec. or setting	ml/min	ft. below MP	ft.	ft.	oC	µS/cmC		mV	mg/L	NTU		
1200		190	5.54	0.00	0.00								
1205		190	5.56	0.02	0.02	9.40	54	6.10	91.4	8.54	87.7		
1210		190	5.56	0.00	0.02	8.90	52.6	5.96	111.4	7.80	48.2		
1215		190	5.56	0.00	0.02	9.50	52	5.98	128.8	7.76	33.6		Not Stable
1220		190	5.56	0.00	0.02	9.60	51.3	5.99	137.5	7.40	34		Not Stable
1225		190	5.56	0.00	0.02	9.30	50.2	5.99	148.4	7.29	26.8		Not Stable
1230		190	5.56	0.00	0.02	9.10	50.5	5.98	155.1	7.34	14.5		Not Stable
1235		190	5.56	0.00	0.02	9.20	50.6	5.98	162.1	7.43	7.75		Not Stable
1240		190	5.56	0.00	0.02	9.60	49.7	5.99	162.8	7.30	3.96		Not Stable
1245		190	5.56	0.00	0.02	9.50	49.5	5.99	166.1	7.32	4.38		Not Stable
1250		190	5.56	0.00	0.02	9.50	49.8	5.99	167.3	7.28	4.25		Stable



Low-Flow Field Log

Date: 5/8/2025

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Site Name: Former Cloutier Property
Job Number: 100752.00
Sampler: Travis Cohen

Well ID: MW-5
Sample ID: MW5-20250508
Reviewed By: TC

Measurement Reference Point (MP): PVC (PVC, Casing, Ground, etc.)
Depth to GW: 4.45 (ft from MP)
Depth to Bottom: 13.62 (ft from MP)
Pump Intake Depth: 9 (ft from MP)
Well depth as installed: 14 (ft bgs)
Screen interval (range): 4-14 (ft bgs)

Purging start time: 1405
Parameter stabilization (Y/N): Y
Two hour time limit reached (Y/N): N
Sample time: 1505
Total volume purged (gals): 3
Time at purge completion: 1525

Equipment Vendor: US ENV
Pump Type: peri

Turbidity Meter: Geotech
Serial #: 24035217

Multimeter: YSI PRO QUATRO
Serial #: 24E100758

Notes (Initial PID reading, SOP deviations, etc.):

Lab Analyses:

pesticides, vocs, metals, abn

QC Info (Duplicate, MS/MSD)

Clock Time	Bladder Pump Discharge/ Refill	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp ±3%	Spec. Cond. ±3%	pH ±0.1	ORP ±10	DO ±10% if >0.5 mg/L	Turbidity ±10% if >5 NTU	Comments/Gas Pressure/Observations	Stability Calculator (auto)
HHMM	sec./sec. or setting	ml/min	ft. below MP	ft.	ft.	oC	µS/cmC		mV	mg/L	NTU		
1405		184	4.45	0.00	0.00								
1410		184	4.45	0.00	0.00	8.10	87.1	5.79	198.6	5.23	32.9		
1415		184	4.45	0.00	0.00	7.90	81	5.78	200.7	5.01	29.2		
1420		184	4.45	0.00	0.00	8.10	77.7	5.80	200.7	4.85	21.6		Not Stable
1425		184	4.45	0.00	0.00	8.00	75.5	5.77	202.5	4.88	19.4		Not Stable
1430		184	4.45	0.00	0.00	7.80	74.1	5.81	200.9	4.87	15.5		Not Stable
1435		184	4.45	0.00	0.00	8.10	73.5	5.83	200.2	4.75	12.7		Not Stable
1440		184	4.45	0.00	0.00	7.80	71.8	5.85	200.6	4.89	10.9		Not Stable
1445		184	4.45	0.00	0.00	7.80	71.5	5.85	202.9	4.85	9.69		Not Stable
1450		184	4.45	0.00	0.00	7.90	72.2	5.85	201.4	4.85	8.2		Not Stable
1455		184	4.45	0.00	0.00	8.20	70.7	5.86	201.4	4.82	8.77		Not Stable
1500		184	4.45	0.00	0.00	8.00	72.5	5.85	201.2	4.89	8.5		Not Stable
1505		184	4.45	0.00	0.00	8.20	71.5	5.86	201.1	4.76	8.3		Stable



Low-Flow Field Log

Date: 5/8/2025

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Site Name: Former Cloutier Property
Job Number: 100752.002
Sampler: MB

Well ID: MW-1
Sample ID: MW1-20250508
Reviewed By: TC

Measurement Reference Point (MP): pvc (PVC, Casing, Ground, etc.)
Depth to GW: 3.75 (ft from MP)
Depth to Bottom: 12.55 (ft from MP)
Pump Intake Depth: 11.55 (ft from MP)
Well depth as installed: 12 (ft bgs)
Screen interval (range): 2-12 (ft bgs)

Purging start time: 9:45
Parameter stabilization (Y/N): Y
Two hour time limit reached (Y/N): Y
Sample time: 11:50
Total volume purged (gals): 7
Time at purge completion: 12:05

Equipment Vendor: USE
Pump Type: Peri

Turbidity Meter: geotech
Serial #: 22043952

Multimeter: ysi pro quatro
Serial #: 20L100683

Notes (Initial PID reading, SOP deviations, etc.):

Lab Analyses:

VOCs, ABN, Dissolved Metals, Pesticides

QC Info (Duplicate, MS/MSD)

N/A

Clock Time	Bladder Pump Discharge/ Refill	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp ±3%	Spec. Cond. ±3%	pH ±0.1	ORP ±10	DO ±10% if >0.5 mg/L	Turbidity ±10% if >5 NTU	Comments/Gas Pressure/Observations	Stability Calculator (auto)
HHMM	sec./sec. or setting	ml/min	ft. below MP	ft.	ft.	oC	µS/cmC		mV	mg/L	NTU		
9:45		260	3.75	0.00	0.00								
9:50		232	3.76	0.01	0.01	4.80	71.2	5.95	129	10.63	319		
9:55		188	3.75	-0.01	0.00	5.40	69.6	5.96	133.2	10.30	191		
10:00		192	3.76	0.01	0.01	5.50	69.2	5.96	141.1	10.62	150		Not Stable
10:05		208	3.75	-0.01	0.00	5.30	69	5.96	149.2	10.59	114		Not Stable
10:10		204	3.76	0.01	0.01	5.30	69	5.96	153.8	10.62	93.5		Not Stable
10:15		208	3.76	0.00	0.01	5.20	68.9	5.96	158.7	10.47	62		Not Stable
10:20		208	3.76	0.00	0.01	5.00	68.8	5.96	161.8	10.34	62.5		Not Stable
10:25		208	3.76	0.00	0.01	4.90	68.8	5.96	165.1	10.27	41.9		Not Stable
10:30		208	3.76	0.00	0.01	5.00	68.7	5.96	166.6	10.14	36.2		Not Stable
10:35		208	3.76	0.00	0.01	5.00	68.6	5.96	169.4	10.10	25		Not Stable
10:40		208	3.76	0.00	0.01	5.20	68.7	5.97	169.2	9.89	23.7		Not Stable
10:45		208	3.76	0.00	0.01	5.40	68.7	5.96	170.6	9.93	19.8		Not Stable
10:50		208	3.76	0.00	0.01	5.40	68.5	5.96	171.2	9.76	16.8		Not Stable
10:55		208	3.76	0.00	0.01	5.50	68.7	5.96	172.1	9.78	12.7		Not Stable
11:00		208	3.76	0.00	0.01	5.60	68.6	5.96	171.8	9.64	13.2		Not Stable
11:05		208	3.76	0.00	0.01	5.30	68.6	5.96	174.2	9.64	8.25		Not Stable



Date: 5/8/2025

Well ID:	MW-1
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Purging start time:	9:45
Parameter stabilization (Y/N):	Y
Two hour time limit reached (Y/N):	Y
Sample time:	11:50
Total volume purged (gals):	7
Time at purge completion:	12:05

Multimeter: ysi pro quatro
Serial #: 20L100683

Lab Analyses:

ABNs, vocs, pesticides, dissolved metals

QC Info (Duplicate, MS/MSD)

N/A

SOP No: SA-003 Draft Revision: 4



Low-Flow Field Log

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Site Name: Former Cloutier Property
Job Number: 100752.002
Sampler: MB

Well ID: MW-2
Sample ID: MW2-20250508
Reviewed By: TC

Measurement Reference Point (MP): pvc (PVC, Casing, Ground, etc.)
Depth to GW: 2.61 (ft from MP)
Depth to Bottom: 11.3 (ft from MP)
Pump Intake Depth: 10 (ft from MP)
Well depth as installed: 12 (ft bgs)
Screen interval (range): 10-Feb (ft bgs)

Purging start time: 12:32
Parameter stabilization (Y/N): Y
Two hour time limit reached (Y/N): N
Sample time: 13:40
Total volume purged (gals): 3.5
Time at purge completion: 14:20

Equipment Vendor: USE Turbidity Meter: geotech Multimeter: ysi pro quattro
Pump Type: peri Serial #: 22043952 Serial #: 20L100683

Notes (Initial PID reading, SOP deviations, etc.):

Lab Analyses:

VOCs, ABN, PFAS, Dissolved Metals, Pesticides

QC Info (Duplicate, MS/MSD)

N/A

Clock Time	Bladder Pump Discharge/ Refill	Purge Rate	Depth to Water	Draw down	Cum. Draw down	Temp ±3%	Spec. Cond. ±3%	pH ±0.1	ORP ±10	DO ±10% if >0.5 mg/L	Turbidity ±10% if >5 NTU	Comments/Gas Pressure/Observations	Stability Calculator (auto)
HHMM	sec./sec. or setting	ml/min	ft. below MP	ft.	ft.	oC	µS/cmC		mV	mg/L	NTU		
12:35		260	2.61	0.00	0.00								
12:40		180	2.61	0.00	0.00	6.60	38.2	6.13	165.7	7.50	27.9		
12:45		180	2.61	0.00	0.00	6.50	37.6	6.13	169.1	7.41	13.1		
12:50		180	2.61	0.00	0.00	6.10	37.8	6.12	173.8	7.72	12.2		Not Stable
12:55		180	2.61	0.00	0.00	6.20	37.7	6.12	174.4	7.67	11.6		Not Stable
13:00		180	2.61	0.00	0.00	6.20	37.6	6.12	175.5	7.74	6.42		Not Stable
13:05		180	2.61	0.00	0.00	6.40	37.8	6.13	175.6	7.66	5.6		Not Stable
13:10		180	2.61	0.00	0.00	6.30	37.7	6.13	176.6	7.74	7.04		Not Stable
13:15		180	2.61	0.00	0.00	6.70	37.7	6.12	177.9	7.72	6.03		Not Stable
13:20		180	2.61	0.00	0.00	6.20	37.7	6.12	178.5	7.79	5.45		Not Stable
13:25		180	2.61	0.00	0.00	6.60	37.2	6.13	178.5	7.67	1.23		Not Stable
13:30		180	2.61	0.00	0.00	6.70	37.4	6.12	179.4	7.76	3.67		Not Stable
13:35		180	2.61	0.00	0.00	6.50	37.5	6.12	180	7.66	4.48		Stable
13:40				-2.61	-2.61								
13:45				0.00	-2.61								
13:50				0.00	-2.61								
13:55				0.00	-2.61								

A P P E N D I X D



ANALYTICAL REPORT

PREPARED FOR

Attn: Travis Cohen
Nobis Engineering, Inc.
18 Chenell Drive
Concord, New Hampshire 03301-8537

Generated 5/2/2025 12:10:12 PM

JOB DESCRIPTION

374 Tamworth Road 100752.002

JOB NUMBER

475-3151-1

Eurofins Concord

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Designee for
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Case Narrative

Client: Nobis Engineering, Inc.
Project: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Job ID: 475-3151-1

Eurofins Concord

Job Narrative 475-3151-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/22/2025 4:26 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.4°C.

GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Sample Summary

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
475-3151-1	Trip Blank	Solid	04/22/25 07:00	04/22/25 16:26
475-3151-2	MW1-20250422	Solid	04/22/25 13:00	04/22/25 16:26
475-3151-3	MW2-20250422	Solid	04/22/25 13:30	04/22/25 16:26
475-3151-4	MW3-20250422	Solid	04/22/25 11:45	04/22/25 16:26
475-3151-5	MW4-20250422	Solid	04/22/25 09:30	04/22/25 16:26
475-3151-6	MW5-20250422	Solid	04/22/25 10:15	04/22/25 16:26
475-3151-7	FD01-20250422	Solid	04/22/25 08:00	04/22/25 16:26

Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: Trip Blank

Date Collected: 04/22/25 07:00

Date Received: 04/22/25 16:26

Lab Sample ID: 475-3151-1

Matrix: Solid

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<2.0		2.0	mg/Kg		04/27/25 16:23	1	DGM
Benzene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Bromobenzene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Bromochloromethane	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Bromodichloromethane	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Bromoform	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Bromomethane	<0.20		0.20	mg/Kg		04/27/25 16:23	1	DGM
2-Butanone (MEK)	<0.50		0.50	mg/Kg		04/27/25 16:23	1	DGM
n-Butylbenzene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
sec-Butylbenzene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
tert-Butylbenzene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Carbon disulfide	<0.10		0.10	mg/Kg		04/27/25 16:23	1	DGM
Carbon tetrachloride	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Chlorobenzene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Chloroethane	<0.10		0.10	mg/Kg		04/27/25 16:23	1	DGM
Chloroform	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Chloromethane	<0.10		0.10	mg/Kg		04/27/25 16:23	1	DGM
2-Chlorotoluene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
4-Chlorotoluene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
1,2-Dibromo-3-Chloropropane	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Dibromochloromethane	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
1,2-Dibromoethane (EDB)	<0.020		0.020	mg/Kg		04/27/25 16:23	1	DGM
Dibromomethane	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
1,2-Dichlorobenzene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
1,3-Dichlorobenzene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
1,4-Dichlorobenzene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Dichlorodifluoromethane	<0.10		0.10	mg/Kg		04/27/25 16:23	1	DGM
1,1-Dichloroethane	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
1,2-Dichloroethane	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
1,1-Dichloroethene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
cis-1,2-Dichloroethene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
trans-1,2-Dichloroethene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
1,2-Dichloropropane	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
1,3-Dichloropropane	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
2,2-Dichloropropane	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
1,1-Dichloropropene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
cis-1,3-Dichloropropene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
trans-1,3-Dichloropropene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Ethylbenzene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Hexachlorobutadiene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
2-Hexanone	<0.10		0.10	mg/Kg		04/27/25 16:23	1	DGM
Isopropylbenzene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
p-Isopropyltoluene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Methyl-t-Butyl Ether (MTBE)	<0.10		0.10	mg/Kg		04/27/25 16:23	1	DGM
4-Methyl-2-pentanone (MIBK)	<0.50		0.50	mg/Kg		04/27/25 16:23	1	DGM
Methylene Chloride	<0.10		0.10	mg/Kg		04/27/25 16:23	1	DGM
Naphthalene	<0.10		0.10	mg/Kg		04/27/25 16:23	1	DGM
N-Propylbenzene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Styrene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: Trip Blank

Date Collected: 04/22/25 07:00

Date Received: 04/22/25 16:26

Lab Sample ID: 475-3151-1

Matrix: Solid

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
1,1,1,2-Tetrachloroethane	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
1,1,2,2-Tetrachloroethane	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Tetrachloroethene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Toluene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
1,2,3-Trichlorobenzene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
1,2,4-Trichlorobenzene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
1,3,5-Trichlorobenzene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
1,1,1-Trichloroethane	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
1,1,2-Trichloroethane	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Trichloroethene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Trichlorofluoromethane	<0.10		0.10	mg/Kg		04/27/25 16:23	1	DGM
1,2,3-Trichloropropane	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
1,2,4-Trimethylbenzene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
1,3,5-Trimethylbenzene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Vinyl chloride	<0.020	*+	0.020	mg/Kg		04/27/25 16:23	1	DGM
m,p-Xylene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
o-Xylene	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
Tetrahydrofuran (THF)	<0.50		0.50	mg/Kg		04/27/25 16:23	1	DGM
Diethyl ether	<0.050		0.050	mg/Kg		04/27/25 16:23	1	DGM
tert-Amyl Methyl Ether (TAME)	<0.10		0.10	mg/Kg		04/27/25 16:23	1	DGM
Ethyl-t-butyl ether (ETBE)	<0.10		0.10	mg/Kg		04/27/25 16:23	1	DGM
tert-Butyl alcohol (TBA)	<2.0		2.0	mg/Kg		04/27/25 16:23	1	DGM
1,4-Dioxane	<1.0		1.0	mg/Kg		04/27/25 16:23	1	DGM
Isopropyl Ether (DIPE)	<0.10		0.10	mg/Kg		04/27/25 16:23	1	DGM

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	98		70 - 130	04/27/25 16:23	1	DGM
Toluene-d8 (Surr)	93		70 - 130	04/27/25 16:23	1	DGM
1,2-Dichloroethane-d4 (Surr)	95		70 - 130	04/27/25 16:23	1	DGM
1,2-Dichlorobenzene-d4 (Surr)	104		70 - 130	04/27/25 16:23	1	DGM

Client Sample ID: MW1-20250422

Date Collected: 04/22/25 13:00

Date Received: 04/22/25 16:26

Lab Sample ID: 475-3151-2

Matrix: Solid

Percent Solids: 79.7

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<2.4		2.4	mg/Kg	✧	04/27/25 16:47	1	DGM
Benzene	<0.061		0.061	mg/Kg	✧	04/27/25 16:47	1	DGM
Bromobenzene	<0.061		0.061	mg/Kg	✧	04/27/25 16:47	1	DGM
Bromochloromethane	<0.061		0.061	mg/Kg	✧	04/27/25 16:47	1	DGM
Bromodichloromethane	<0.061		0.061	mg/Kg	✧	04/27/25 16:47	1	DGM
Bromoform	<0.061		0.061	mg/Kg	✧	04/27/25 16:47	1	DGM
Bromomethane	<0.24		0.24	mg/Kg	✧	04/27/25 16:47	1	DGM
2-Butanone (MEK)	<0.61		0.61	mg/Kg	✧	04/27/25 16:47	1	DGM
n-Butylbenzene	<0.061		0.061	mg/Kg	✧	04/27/25 16:47	1	DGM
sec-Butylbenzene	<0.061		0.061	mg/Kg	✧	04/27/25 16:47	1	DGM
tert-Butylbenzene	<0.061		0.061	mg/Kg	✧	04/27/25 16:47	1	DGM
Carbon disulfide	<0.12		0.12	mg/Kg	✧	04/27/25 16:47	1	DGM
Carbon tetrachloride	<0.061		0.061	mg/Kg	✧	04/27/25 16:47	1	DGM

Eurofins Concord

Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW1-20250422

Lab Sample ID: 475-3151-2

Date Collected: 04/22/25 13:00

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 79.7

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Chlorobenzene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
Chloroethane	<0.12		0.12	mg/Kg	✱	04/27/25 16:47	1	DGM
Chloroform	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
Chloromethane	<0.12		0.12	mg/Kg	✱	04/27/25 16:47	1	DGM
2-Chlorotoluene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
4-Chlorotoluene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
1,2-Dibromo-3-Chloropropane	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
Dibromochloromethane	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
1,2-Dibromoethane (EDB)	<0.024		0.024	mg/Kg	✱	04/27/25 16:47	1	DGM
Dibromomethane	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
1,2-Dichlorobenzene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
1,3-Dichlorobenzene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
1,4-Dichlorobenzene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
Dichlorodifluoromethane	<0.12		0.12	mg/Kg	✱	04/27/25 16:47	1	DGM
1,1-Dichloroethane	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
1,2-Dichloroethane	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
1,1-Dichloroethene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
cis-1,2-Dichloroethene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
trans-1,2-Dichloroethene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
1,2-Dichloropropane	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
1,3-Dichloropropane	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
2,2-Dichloropropane	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
1,1-Dichloropropene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
cis-1,3-Dichloropropene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
trans-1,3-Dichloropropene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
Ethylbenzene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
Hexachlorobutadiene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
2-Hexanone	<0.12		0.12	mg/Kg	✱	04/27/25 16:47	1	DGM
Isopropylbenzene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
p-Isopropyltoluene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
Methyl-t-Butyl Ether (MTBE)	<0.12		0.12	mg/Kg	✱	04/27/25 16:47	1	DGM
4-Methyl-2-pentanone (MIBK)	<0.61		0.61	mg/Kg	✱	04/27/25 16:47	1	DGM
Methylene Chloride	<0.12		0.12	mg/Kg	✱	04/27/25 16:47	1	DGM
Naphthalene	<0.12		0.12	mg/Kg	✱	04/27/25 16:47	1	DGM
N-Propylbenzene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
Styrene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
1,1,1,2-Tetrachloroethane	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
1,1,2,2-Tetrachloroethane	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
Tetrachloroethene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
Toluene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
1,2,3-Trichlorobenzene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
1,2,4-Trichlorobenzene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
1,3,5-Trichlorobenzene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
1,1,1-Trichloroethane	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
1,1,2-Trichloroethane	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
Trichloroethene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
Trichlorofluoromethane	<0.12		0.12	mg/Kg	✱	04/27/25 16:47	1	DGM
1,2,3-Trichloropropane	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
1,2,4-Trimethylbenzene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM

Eurofins Concord

Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW1-20250422

Lab Sample ID: 475-3151-2

Date Collected: 04/22/25 13:00

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 79.7

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
1,3,5-Trimethylbenzene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
Vinyl chloride	<0.024	++	0.024	mg/Kg	✱	04/27/25 16:47	1	DGM
m,p-Xylene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
o-Xylene	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
Tetrahydrofuran (THF)	<0.61		0.61	mg/Kg	✱	04/27/25 16:47	1	DGM
Diethyl ether	<0.061		0.061	mg/Kg	✱	04/27/25 16:47	1	DGM
tert-Amyl Methyl Ether (TAME)	<0.12		0.12	mg/Kg	✱	04/27/25 16:47	1	DGM
Ethyl-t-butyl ether (ETBE)	<0.12		0.12	mg/Kg	✱	04/27/25 16:47	1	DGM
tert-Butyl alcohol (TBA)	<2.4		2.4	mg/Kg	✱	04/27/25 16:47	1	DGM
1,4-Dioxane	<1.2		1.2	mg/Kg	✱	04/27/25 16:47	1	DGM
Isopropyl Ether (DIPE)	<0.12		0.12	mg/Kg	✱	04/27/25 16:47	1	DGM

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	96		70 - 130	04/27/25 16:47	1	DGM
Toluene-d8 (Surr)	93		70 - 130	04/27/25 16:47	1	DGM
1,2-Dichloroethane-d4 (Surr)	96		70 - 130	04/27/25 16:47	1	DGM
1,2-Dichlorobenzene-d4 (Surr)	105		70 - 130	04/27/25 16:47	1	DGM

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Alpha-Terpineol	<0.42		0.42	mg/Kg	✱	04/25/25 10:44	1	JMR
2,3-Dichloroaniline	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR
n-Decane	<0.42		0.42	mg/Kg	✱	04/25/25 10:44	1	JMR
n-Octadecane	<0.42		0.42	mg/Kg	✱	04/25/25 10:44	1	JMR
1,2,4-Trichlorobenzene	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR
1,2-Dichlorobenzene	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR
1,3-Dichlorobenzene	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR
1,4-Dichlorobenzene	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR
1-Methylnaphthalene	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR
2,4,5-Trichlorophenol	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR
2,4,6-Trichlorophenol	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR
2,4-Dichlorophenol	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR
2,4-Dimethylphenol	<0.42		0.42	mg/Kg	✱	04/25/25 10:44	1	JMR
2,4-Dinitrophenol	<0.84		0.84	mg/Kg	✱	04/25/25 10:44	1	JMR
2,4-Dinitrotoluene	<0.17		0.17	mg/Kg	✱	04/25/25 10:44	1	JMR
2,6-Dinitrotoluene	<0.17		0.17	mg/Kg	✱	04/25/25 10:44	1	JMR
2-Chloronaphthalene	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR
2-Chlorophenol	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR
2-Methylnaphthalene	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR
2-Methylphenol	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR
2-Nitroaniline	<0.42		0.42	mg/Kg	✱	04/25/25 10:44	1	JMR
2-Nitrophenol	<0.42		0.42	mg/Kg	✱	04/25/25 10:44	1	JMR
3/4-Methylphenol	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR
3,3'-Dichlorobenzidine	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR
3-Nitroaniline	<0.42		0.42	mg/Kg	✱	04/25/25 10:44	1	JMR
4,6-Dinitro-2-methylphenol	<0.42		0.42	mg/Kg	✱	04/25/25 10:44	1	JMR
4-Bromophenyl-phenylether	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR
4-Chloro-3-methylphenol	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR
4-Chloroaniline	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR
4-Chlorophenyl-phenylether	<0.087		0.087	mg/Kg	✱	04/25/25 10:44	1	JMR

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW1-20250422

Lab Sample ID: 475-3151-2

Date Collected: 04/22/25 13:00

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 79.7

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
4-Nitroaniline	<0.42		0.42	mg/Kg	☆	04/25/25 10:44	1	JMR
4-Nitrophenol	<0.42		0.42	mg/Kg	☆	04/25/25 10:44	1	JMR
Acenaphthene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Acenaphthylene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Acetophenone	<0.84		0.84	mg/Kg	☆	04/25/25 10:44	1	JMR
Aniline	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Anthracene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Benzidine (estimated)	<0.42	*1	0.42	mg/Kg	☆	04/25/25 10:44	1	JMR
Benzo[a]anthracene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Benzo[a]pyrene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Benzo[b]fluoranthene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Benzo[g,h,i]perylene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Benzo[k]fluoranthene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Benzoic acid	<4.2		4.2	mg/Kg	☆	04/25/25 10:44	1	JMR
Benzyl alcohol	<0.84		0.84	mg/Kg	☆	04/25/25 10:44	1	JMR
Bis(2-chloroethoxy)methane	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Bis(2-chloroethyl)ether	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
bis(2-chloroisopropyl) ether	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Bis(2-ethylhexyl)phthalate	<0.42		0.42	mg/Kg	☆	04/25/25 10:44	1	JMR
Butylbenzylphthalate	<0.42		0.42	mg/Kg	☆	04/25/25 10:44	1	JMR
Carbazole	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Chrysene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Dibenz[a,h]anthracene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Dibenzofuran	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Diethylphthalate	<0.42		0.42	mg/Kg	☆	04/25/25 10:44	1	JMR
Dimethylphthalate	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Di-n-butylphthalate	<0.42		0.42	mg/Kg	☆	04/25/25 10:44	1	JMR
Di-n-octylphthalate	<0.42		0.42	mg/Kg	☆	04/25/25 10:44	1	JMR
Fluoranthene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Fluorene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Hexachlorobenzene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Hexachlorobutadiene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Hexachlorocyclopentadiene	<0.42		0.42	mg/Kg	☆	04/25/25 10:44	1	JMR
Hexachloroethane	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Indeno[1,2,3-cd]pyrene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Isophorone	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Naphthalene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Nitrobenzene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
N-Nitrosodimethylamine	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
N-Nitroso-di-n-propylamine	<0.050		0.050	mg/Kg	☆	04/25/25 10:44	1	JMR
N-Nitrosodiphenylamine	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Pentachlorophenol	<0.42		0.42	mg/Kg	☆	04/25/25 10:44	1	JMR
Phenanthrene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Phenol	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Pyrene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR
Pyridine	<0.42		0.42	mg/Kg	☆	04/25/25 10:44	1	JMR
Azobenzene	<0.087		0.087	mg/Kg	☆	04/25/25 10:44	1	JMR

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
Phenol-d6 (Surr)	71		15 - 110	04/25/25 10:44	1	JMR

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW1-20250422

Date Collected: 04/22/25 13:00

Date Received: 04/22/25 16:26

Lab Sample ID: 475-3151-2

Matrix: Solid

Percent Solids: 79.7

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
p-Terphenyl-d14 (Surr)	71		30 - 130	04/25/25 10:44	1	JMR
2-Fluorobiphenyl (Surr)	71		30 - 130	04/25/25 10:44	1	JMR
2-Fluorophenol (Surr)	66		15 - 110	04/25/25 10:44	1	JMR
Nitrobenzene-d5 (Surr)	67		30 - 130	04/25/25 10:44	1	JMR
2,4,6-Tribromophenol (Surr)	87		15 - 110	04/25/25 10:44	1	JMR

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Aldrin	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
alpha-BHC	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
beta-BHC	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
Lindane (gamma-BHC)	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
delta-BHC	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
alpha-Chlordane	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
gamma-Chlordane	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
4,4'-DDT	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
4,4'-DDE	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
4,4'-DDD	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
Dieldrin	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
Endosulfan I	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
Endosulfan II	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
Endosulfan sulfate	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
Endrin	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
Endrin aldehyde	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
Endrin ketone	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
Heptachlor	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
Heptachlor epoxide	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
Methoxychlor	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:23	1	ASF
Chlordane (technical)	<0.025		0.025	mg/Kg	☆	04/28/25 14:23	1	ASF
Toxaphene	<0.061		0.061	mg/Kg	☆	04/28/25 14:23	1	ASF

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
Tetrachloro-m-xylene	78		30 - 150	04/28/25 14:23	1	ASF
DCB Decachlorobiphenyl (Surr)	73		30 - 150	04/28/25 14:23	1	ASF

Method: 8100 - Total Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
C9-C40	<37		37	mg/Kg	☆	04/24/25 10:27	1	JMR

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
p-Terphenyl-d14 (Surr)	97		30 - 130	04/24/25 10:27	1	JMR

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Arsenic	1.4		0.50	mg/Kg	☆	04/24/25 18:58	25	DS
Barium	11		0.50	mg/Kg	☆	04/24/25 18:58	25	DS
Cadmium	<0.50		0.50	mg/Kg	☆	04/24/25 18:58	25	DS
Chromium	3.8		0.50	mg/Kg	☆	04/24/25 18:58	25	DS
Mercury	<0.10		0.10	mg/Kg	☆	04/24/25 18:58	25	DS
Lead	7.2		0.50	mg/Kg	☆	04/24/25 18:58	25	DS

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW1-20250422

Date Collected: 04/22/25 13:00

Date Received: 04/22/25 16:26

Lab Sample ID: 475-3151-2

Matrix: Solid

Percent Solids: 79.7

Method: 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Selenium	<0.50		0.50	mg/Kg	☆	04/24/25 18:58	25	DS
Silver	<0.50		0.50	mg/Kg	☆	04/24/25 18:58	25	DS

Client Sample ID: MW2-20250422

Date Collected: 04/22/25 13:30

Date Received: 04/22/25 16:26

Lab Sample ID: 475-3151-3

Matrix: Solid

Percent Solids: 88.8

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<2.2		2.2	mg/Kg	☆	04/27/25 17:12	1	DGM
Benzene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Bromobenzene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Bromochloromethane	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Bromodichloromethane	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Bromoform	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Bromomethane	<0.22		0.22	mg/Kg	☆	04/27/25 17:12	1	DGM
2-Butanone (MEK)	<0.56		0.56	mg/Kg	☆	04/27/25 17:12	1	DGM
n-Butylbenzene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
sec-Butylbenzene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
tert-Butylbenzene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Carbon disulfide	<0.11		0.11	mg/Kg	☆	04/27/25 17:12	1	DGM
Carbon tetrachloride	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Chlorobenzene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Chloroethane	<0.11		0.11	mg/Kg	☆	04/27/25 17:12	1	DGM
Chloroform	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Chloromethane	<0.11		0.11	mg/Kg	☆	04/27/25 17:12	1	DGM
2-Chlorotoluene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
4-Chlorotoluene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,2-Dibromo-3-Chloropropane	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Dibromochloromethane	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,2-Dibromoethane (EDB)	<0.022		0.022	mg/Kg	☆	04/27/25 17:12	1	DGM
Dibromomethane	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,2-Dichlorobenzene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,3-Dichlorobenzene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,4-Dichlorobenzene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Dichlorodifluoromethane	<0.11		0.11	mg/Kg	☆	04/27/25 17:12	1	DGM
1,1-Dichloroethane	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,2-Dichloroethane	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,1-Dichloroethene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
cis-1,2-Dichloroethene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
trans-1,2-Dichloroethene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,2-Dichloropropane	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,3-Dichloropropane	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
2,2-Dichloropropane	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,1-Dichloropropene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
cis-1,3-Dichloropropene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
trans-1,3-Dichloropropene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Ethylbenzene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Hexachlorobutadiene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
2-Hexanone	<0.11		0.11	mg/Kg	☆	04/27/25 17:12	1	DGM

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW2-20250422

Lab Sample ID: 475-3151-3

Date Collected: 04/22/25 13:30

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 88.8

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Isopropylbenzene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
p-Isopropyltoluene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Methyl-t-Butyl Ether (MTBE)	<0.11		0.11	mg/Kg	☆	04/27/25 17:12	1	DGM
4-Methyl-2-pentanone (MIBK)	<0.56		0.56	mg/Kg	☆	04/27/25 17:12	1	DGM
Methylene Chloride	<0.11		0.11	mg/Kg	☆	04/27/25 17:12	1	DGM
Naphthalene	<0.11		0.11	mg/Kg	☆	04/27/25 17:12	1	DGM
N-Propylbenzene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Styrene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,1,1,2-Tetrachloroethane	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,1,2,2-Tetrachloroethane	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Tetrachloroethene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Toluene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,2,3-Trichlorobenzene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,2,4-Trichlorobenzene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,3,5-Trichlorobenzene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,1,1-Trichloroethane	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,1,2-Trichloroethane	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Trichloroethene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Trichlorofluoromethane	<0.11		0.11	mg/Kg	☆	04/27/25 17:12	1	DGM
1,2,3-Trichloropropane	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,2,4-Trimethylbenzene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
1,3,5-Trimethylbenzene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Vinyl chloride	<0.022	+	0.022	mg/Kg	☆	04/27/25 17:12	1	DGM
m,p-Xylene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
o-Xylene	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
Tetrahydrofuran (THF)	<0.56		0.56	mg/Kg	☆	04/27/25 17:12	1	DGM
Diethyl ether	<0.056		0.056	mg/Kg	☆	04/27/25 17:12	1	DGM
tert-Amyl Methyl Ether (TAME)	<0.11		0.11	mg/Kg	☆	04/27/25 17:12	1	DGM
Ethyl-t-butyl ether (ETBE)	<0.11		0.11	mg/Kg	☆	04/27/25 17:12	1	DGM
tert-Butyl alcohol (TBA)	<2.2		2.2	mg/Kg	☆	04/27/25 17:12	1	DGM
1,4-Dioxane	<1.1		1.1	mg/Kg	☆	04/27/25 17:12	1	DGM
Isopropyl Ether (DIPE)	<0.11		0.11	mg/Kg	☆	04/27/25 17:12	1	DGM

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	96		70 - 130	04/27/25 17:12	1	DGM
Toluene-d8 (Surr)	94		70 - 130	04/27/25 17:12	1	DGM
1,2-Dichloroethane-d4 (Surr)	95		70 - 130	04/27/25 17:12	1	DGM
1,2-Dichlorobenzene-d4 (Surr)	104		70 - 130	04/27/25 17:12	1	DGM

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Alpha-Terpineol	<0.38		0.38	mg/Kg	☆	04/25/25 11:06	1	JMR
2,3-Dichloroaniline	<0.078		0.078	mg/Kg	☆	04/25/25 11:06	1	JMR
n-Decane	<0.38		0.38	mg/Kg	☆	04/25/25 11:06	1	JMR
n-Octadecane	<0.38		0.38	mg/Kg	☆	04/25/25 11:06	1	JMR
1,2,4-Trichlorobenzene	<0.078		0.078	mg/Kg	☆	04/25/25 11:06	1	JMR
1,2-Dichlorobenzene	<0.078		0.078	mg/Kg	☆	04/25/25 11:06	1	JMR
1,3-Dichlorobenzene	<0.078		0.078	mg/Kg	☆	04/25/25 11:06	1	JMR
1,4-Dichlorobenzene	<0.078		0.078	mg/Kg	☆	04/25/25 11:06	1	JMR
1-Methylnaphthalene	<0.078		0.078	mg/Kg	☆	04/25/25 11:06	1	JMR

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW2-20250422

Lab Sample ID: 475-3151-3

Date Collected: 04/22/25 13:30

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 88.8

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
2,4,5-Trichlorophenol	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
2,4,6-Trichlorophenol	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
2,4-Dichlorophenol	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
2,4-Dimethylphenol	<0.38		0.38	mg/Kg	✱	04/25/25 11:06	1	JMR
2,4-Dinitrophenol	<0.75		0.75	mg/Kg	✱	04/25/25 11:06	1	JMR
2,4-Dinitrotoluene	<0.16		0.16	mg/Kg	✱	04/25/25 11:06	1	JMR
2,6-Dinitrotoluene	<0.16		0.16	mg/Kg	✱	04/25/25 11:06	1	JMR
2-Chloronaphthalene	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
2-Chlorophenol	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
2-Methylnaphthalene	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
2-Methylphenol	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
2-Nitroaniline	<0.38		0.38	mg/Kg	✱	04/25/25 11:06	1	JMR
2-Nitrophenol	<0.38		0.38	mg/Kg	✱	04/25/25 11:06	1	JMR
3/4-Methylphenol	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
3,3'-Dichlorobenzidine	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
3-Nitroaniline	<0.38		0.38	mg/Kg	✱	04/25/25 11:06	1	JMR
4,6-Dinitro-2-methylphenol	<0.38		0.38	mg/Kg	✱	04/25/25 11:06	1	JMR
4-Bromophenyl-phenylether	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
4-Chloro-3-methylphenol	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
4-Chloroaniline	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
4-Chlorophenyl-phenylether	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
4-Nitroaniline	<0.38		0.38	mg/Kg	✱	04/25/25 11:06	1	JMR
4-Nitrophenol	<0.38		0.38	mg/Kg	✱	04/25/25 11:06	1	JMR
Acenaphthene	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
Acenaphthylene	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
Acetophenone	<0.75		0.75	mg/Kg	✱	04/25/25 11:06	1	JMR
Aniline	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
Anthracene	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
Benzidine (estimated)	<0.38 *1		0.38	mg/Kg	✱	04/25/25 11:06	1	JMR
Benzo[a]anthracene	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
Benzo[a]pyrene	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
Benzo[b]fluoranthene	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
Benzo[g,h,i]perylene	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
Benzo[k]fluoranthene	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
Benzoic acid	<3.8		3.8	mg/Kg	✱	04/25/25 11:06	1	JMR
Benzyl alcohol	<0.75		0.75	mg/Kg	✱	04/25/25 11:06	1	JMR
Bis(2-chloroethoxy)methane	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
Bis(2-chloroethyl)ether	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
bis(2-chloroisopropyl) ether	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
Bis(2-ethylhexyl)phthalate	<0.38		0.38	mg/Kg	✱	04/25/25 11:06	1	JMR
Butylbenzylphthalate	<0.38		0.38	mg/Kg	✱	04/25/25 11:06	1	JMR
Carbazole	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
Chrysene	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
Dibenz[a,h]anthracene	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
Dibenzofuran	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
Diethylphthalate	<0.38		0.38	mg/Kg	✱	04/25/25 11:06	1	JMR
Dimethylphthalate	<0.078		0.078	mg/Kg	✱	04/25/25 11:06	1	JMR
Di-n-butylphthalate	<0.38		0.38	mg/Kg	✱	04/25/25 11:06	1	JMR
Di-n-octylphthalate	<0.38		0.38	mg/Kg	✱	04/25/25 11:06	1	JMR

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW2-20250422

Lab Sample ID: 475-3151-3

Date Collected: 04/22/25 13:30

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 88.8

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Fluoranthene	<0.078		0.078	mg/Kg	✧	04/25/25 11:06	1	JMR
Fluorene	<0.078		0.078	mg/Kg	✧	04/25/25 11:06	1	JMR
Hexachlorobenzene	<0.078		0.078	mg/Kg	✧	04/25/25 11:06	1	JMR
Hexachlorobutadiene	<0.078		0.078	mg/Kg	✧	04/25/25 11:06	1	JMR
Hexachlorocyclopentadiene	<0.38		0.38	mg/Kg	✧	04/25/25 11:06	1	JMR
Hexachloroethane	<0.078		0.078	mg/Kg	✧	04/25/25 11:06	1	JMR
Indeno[1,2,3-cd]pyrene	<0.078		0.078	mg/Kg	✧	04/25/25 11:06	1	JMR
Isophorone	<0.078		0.078	mg/Kg	✧	04/25/25 11:06	1	JMR
Naphthalene	<0.078		0.078	mg/Kg	✧	04/25/25 11:06	1	JMR
Nitrobenzene	<0.078		0.078	mg/Kg	✧	04/25/25 11:06	1	JMR
N-Nitrosodimethylamine	<0.078		0.078	mg/Kg	✧	04/25/25 11:06	1	JMR
N-Nitroso-di-n-propylamine	<0.045		0.045	mg/Kg	✧	04/25/25 11:06	1	JMR
N-Nitrosodiphenylamine	<0.078		0.078	mg/Kg	✧	04/25/25 11:06	1	JMR
Pentachlorophenol	<0.38		0.38	mg/Kg	✧	04/25/25 11:06	1	JMR
Phenanthrene	<0.078		0.078	mg/Kg	✧	04/25/25 11:06	1	JMR
Phenol	<0.078		0.078	mg/Kg	✧	04/25/25 11:06	1	JMR
Pyrene	<0.078		0.078	mg/Kg	✧	04/25/25 11:06	1	JMR
Pyridine	<0.38		0.38	mg/Kg	✧	04/25/25 11:06	1	JMR
Azobenzene	<0.078		0.078	mg/Kg	✧	04/25/25 11:06	1	JMR

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
Phenol-d6 (Surr)	69		15 - 110	04/25/25 11:06	1	JMR
p-Terphenyl-d14 (Surr)	67		30 - 130	04/25/25 11:06	1	JMR
2-Fluorobiphenyl (Surr)	67		30 - 130	04/25/25 11:06	1	JMR
2-Fluorophenol (Surr)	63		15 - 110	04/25/25 11:06	1	JMR
Nitrobenzene-d5 (Surr)	63		30 - 130	04/25/25 11:06	1	JMR
2,4,6-Tribromophenol (Surr)	86		15 - 110	04/25/25 11:06	1	JMR

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Aldrin	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
alpha-BHC	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
beta-BHC	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
Lindane (gamma-BHC)	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
delta-BHC	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
alpha-Chlordane	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
gamma-Chlordane	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
4,4'-DDT	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
4,4'-DDE	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
4,4'-DDD	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
Dieldrin	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
Endosulfan I	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
Endosulfan II	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
Endosulfan sulfate	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
Endrin	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
Endrin aldehyde	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
Endrin ketone	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
Heptachlor	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
Heptachlor epoxide	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF
Methoxychlor	<0.0055		0.0055	mg/Kg	✧	04/28/25 14:32	1	ASF

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW2-20250422

Date Collected: 04/22/25 13:30

Date Received: 04/22/25 16:26

Lab Sample ID: 475-3151-3

Matrix: Solid

Percent Solids: 88.8

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Chlordane (technical)	<0.022		0.022	mg/Kg	☆	04/28/25 14:32	1	ASF
Toxaphene	<0.055		0.055	mg/Kg	☆	04/28/25 14:32	1	ASF
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
Tetrachloro-m-xylene	80		30 - 150			04/28/25 14:32	1	ASF
DCB Decachlorobiphenyl (Surr)	78		30 - 150			04/28/25 14:32	1	ASF

Method: 8100 - Total Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
C9-C40	<33		33	mg/Kg	☆	04/24/25 10:54	1	JMR
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
p-Terphenyl-d14 (Surr)	95		30 - 130			04/24/25 10:54	1	JMR

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Arsenic	0.79		0.50	mg/Kg	☆	04/24/25 19:02	25	DS
Barium	14		0.50	mg/Kg	☆	04/24/25 19:02	25	DS
Cadmium	<0.50		0.50	mg/Kg	☆	04/24/25 19:02	25	DS
Chromium	1.6		0.50	mg/Kg	☆	04/24/25 19:02	25	DS
Mercury	<0.10		0.10	mg/Kg	☆	04/24/25 19:02	25	DS
Lead	6.1		0.50	mg/Kg	☆	04/24/25 19:02	25	DS
Selenium	<0.50		0.50	mg/Kg	☆	04/24/25 19:02	25	DS
Silver	<0.50		0.50	mg/Kg	☆	04/24/25 19:02	25	DS

Client Sample ID: MW3-20250422

Date Collected: 04/22/25 11:45

Date Received: 04/22/25 16:26

Lab Sample ID: 475-3151-4

Matrix: Solid

Percent Solids: 80.4

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<3.7		3.7	mg/Kg	☆	04/27/25 17:36	1	DGM
Benzene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Bromobenzene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Bromochloromethane	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Bromodichloromethane	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Bromoform	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Bromomethane	<0.37		0.37	mg/Kg	☆	04/27/25 17:36	1	DGM
2-Butanone (MEK)	<0.93		0.93	mg/Kg	☆	04/27/25 17:36	1	DGM
n-Butylbenzene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
sec-Butylbenzene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
tert-Butylbenzene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Carbon disulfide	<0.19		0.19	mg/Kg	☆	04/27/25 17:36	1	DGM
Carbon tetrachloride	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Chlorobenzene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Chloroethane	<0.19		0.19	mg/Kg	☆	04/27/25 17:36	1	DGM
Chloroform	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Chloromethane	<0.19		0.19	mg/Kg	☆	04/27/25 17:36	1	DGM
2-Chlorotoluene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
4-Chlorotoluene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,2-Dibromo-3-Chloropropane	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM

Eurofins Concord

Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW3-20250422

Lab Sample ID: 475-3151-4

Date Collected: 04/22/25 11:45

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 80.4

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Dibromochloromethane	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,2-Dibromoethane (EDB)	<0.037		0.037	mg/Kg	☆	04/27/25 17:36	1	DGM
Dibromomethane	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,2-Dichlorobenzene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,3-Dichlorobenzene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,4-Dichlorobenzene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Dichlorodifluoromethane	<0.19		0.19	mg/Kg	☆	04/27/25 17:36	1	DGM
1,1-Dichloroethane	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,2-Dichloroethane	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,1-Dichloroethene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
cis-1,2-Dichloroethene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
trans-1,2-Dichloroethene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,2-Dichloropropane	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,3-Dichloropropane	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
2,2-Dichloropropane	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,1-Dichloropropene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
cis-1,3-Dichloropropene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
trans-1,3-Dichloropropene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Ethylbenzene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Hexachlorobutadiene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
2-Hexanone	<0.19		0.19	mg/Kg	☆	04/27/25 17:36	1	DGM
Isopropylbenzene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
p-Isopropyltoluene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Methyl-t-Butyl Ether (MTBE)	<0.19		0.19	mg/Kg	☆	04/27/25 17:36	1	DGM
4-Methyl-2-pentanone (MIBK)	<0.93		0.93	mg/Kg	☆	04/27/25 17:36	1	DGM
Methylene Chloride	<0.19		0.19	mg/Kg	☆	04/27/25 17:36	1	DGM
Naphthalene	<0.19		0.19	mg/Kg	☆	04/27/25 17:36	1	DGM
N-Propylbenzene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Styrene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,1,1,2-Tetrachloroethane	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,1,2,2-Tetrachloroethane	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Tetrachloroethene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Toluene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,2,3-Trichlorobenzene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,2,4-Trichlorobenzene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,3,5-Trichlorobenzene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,1,1-Trichloroethane	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,1,2-Trichloroethane	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Trichloroethene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Trichlorofluoromethane	<0.19		0.19	mg/Kg	☆	04/27/25 17:36	1	DGM
1,2,3-Trichloropropane	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,2,4-Trimethylbenzene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
1,3,5-Trimethylbenzene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Vinyl chloride	<0.037	+	0.037	mg/Kg	☆	04/27/25 17:36	1	DGM
m,p-Xylene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
o-Xylene	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
Tetrahydrofuran (THF)	<0.93		0.93	mg/Kg	☆	04/27/25 17:36	1	DGM
Diethyl ether	<0.093		0.093	mg/Kg	☆	04/27/25 17:36	1	DGM
tert-Amyl Methyl Ether (TAME)	<0.19		0.19	mg/Kg	☆	04/27/25 17:36	1	DGM

Eurofins Concord

Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW3-20250422

Lab Sample ID: 475-3151-4

Date Collected: 04/22/25 11:45

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 80.4

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Ethyl-t-butyl ether (ETBE)	<0.19		0.19	mg/Kg	☆	04/27/25 17:36	1	DGM
tert-Butyl alcohol (TBA)	<3.7		3.7	mg/Kg	☆	04/27/25 17:36	1	DGM
1,4-Dioxane	<1.9		1.9	mg/Kg	☆	04/27/25 17:36	1	DGM
Isopropyl Ether (DIPE)	<0.19		0.19	mg/Kg	☆	04/27/25 17:36	1	DGM

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	97		70 - 130	04/27/25 17:36	1	DGM
Toluene-d8 (Surr)	94		70 - 130	04/27/25 17:36	1	DGM
1,2-Dichloroethane-d4 (Surr)	96		70 - 130	04/27/25 17:36	1	DGM
1,2-Dichlorobenzene-d4 (Surr)	104		70 - 130	04/27/25 17:36	1	DGM

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Alpha-Terpineol	<0.42		0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
2,3-Dichloroaniline	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
n-Decane	<0.42		0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
n-Octadecane	<0.42		0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
1,2,4-Trichlorobenzene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
1,2-Dichlorobenzene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
1,3-Dichlorobenzene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
1,4-Dichlorobenzene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
1-Methylnaphthalene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
2,4,5-Trichlorophenol	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
2,4,6-Trichlorophenol	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
2,4-Dichlorophenol	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
2,4-Dimethylphenol	<0.42		0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
2,4-Dinitrophenol	<0.83		0.83	mg/Kg	☆	04/25/25 11:28	1	JMR
2,4-Dinitrotoluene	<0.17		0.17	mg/Kg	☆	04/25/25 11:28	1	JMR
2,6-Dinitrotoluene	<0.17		0.17	mg/Kg	☆	04/25/25 11:28	1	JMR
2-Chloronaphthalene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
2-Chlorophenol	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
2-Methylnaphthalene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
2-Methylphenol	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
2-Nitroaniline	<0.42		0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
2-Nitrophenol	<0.42		0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
3/4-Methylphenol	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
3,3'-Dichlorobenzidine	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
3-Nitroaniline	<0.42		0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
4,6-Dinitro-2-methylphenol	<0.42		0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
4-Bromophenyl-phenylether	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
4-Chloro-3-methylphenol	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
4-Chloroaniline	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
4-Chlorophenyl-phenylether	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
4-Nitroaniline	<0.42		0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
4-Nitrophenol	<0.42		0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
Acenaphthene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Acenaphthylene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Acetophenone	<0.83		0.83	mg/Kg	☆	04/25/25 11:28	1	JMR
Aniline	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Anthracene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW3-20250422

Lab Sample ID: 475-3151-4

Date Collected: 04/22/25 11:45

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 80.4

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Benzidine (estimated)	<0.42	*1	0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
Benzo[a]anthracene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Benzo[a]pyrene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Benzo[b]fluoranthene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Benzo[g,h,i]perylene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Benzo[k]fluoranthene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Benzoic acid	<4.2		4.2	mg/Kg	☆	04/25/25 11:28	1	JMR
Benzyl alcohol	<0.83		0.83	mg/Kg	☆	04/25/25 11:28	1	JMR
Bis(2-chloroethoxy)methane	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Bis(2-chloroethyl)ether	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
bis(2-chloroisopropyl) ether	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Bis(2-ethylhexyl)phthalate	<0.42		0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
Butylbenzylphthalate	<0.42		0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
Carbazole	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Chrysene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Dibenz[a,h]anthracene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Dibenzofuran	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Diethylphthalate	<0.42		0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
Dimethylphthalate	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Di-n-butylphthalate	<0.42		0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
Di-n-octylphthalate	<0.42		0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
Fluoranthene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Fluorene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Hexachlorobenzene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Hexachlorobutadiene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Hexachlorocyclopentadiene	<0.42		0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
Hexachloroethane	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Indeno[1,2,3-cd]pyrene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Isophorone	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Naphthalene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Nitrobenzene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
N-Nitrosodimethylamine	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
N-Nitroso-di-n-propylamine	<0.049		0.049	mg/Kg	☆	04/25/25 11:28	1	JMR
N-Nitrosodiphenylamine	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Pentachlorophenol	<0.42		0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
Phenanthrene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Phenol	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Pyrene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR
Pyridine	<0.42		0.42	mg/Kg	☆	04/25/25 11:28	1	JMR
Azobenzene	<0.087		0.087	mg/Kg	☆	04/25/25 11:28	1	JMR

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
Phenol-d6 (Surr)	72		15 - 110	04/25/25 11:28	1	JMR
p-Terphenyl-d14 (Surr)	71		30 - 130	04/25/25 11:28	1	JMR
2-Fluorobiphenyl (Surr)	70		30 - 130	04/25/25 11:28	1	JMR
2-Fluorophenol (Surr)	69		15 - 110	04/25/25 11:28	1	JMR
Nitrobenzene-d5 (Surr)	69		30 - 130	04/25/25 11:28	1	JMR
2,4,6-Tribromophenol (Surr)	92		15 - 110	04/25/25 11:28	1	JMR

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW3-20250422

Lab Sample ID: 475-3151-4

Date Collected: 04/22/25 11:45

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 80.4

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Aldrin	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
alpha-BHC	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
beta-BHC	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
Lindane (gamma-BHC)	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
delta-BHC	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
alpha-Chlordane	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
gamma-Chlordane	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
4,4'-DDT	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
4,4'-DDE	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
4,4'-DDD	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
Dieldrin	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
Endosulfan I	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
Endosulfan II	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
Endosulfan sulfate	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
Endrin	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
Endrin aldehyde	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
Endrin ketone	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
Heptachlor	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
Heptachlor epoxide	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
Methoxychlor	<0.0061		0.0061	mg/Kg	☆	04/28/25 14:42	1	ASF
Chlordane (technical)	<0.024		0.024	mg/Kg	☆	04/28/25 14:42	1	ASF
Toxaphene	<0.061		0.061	mg/Kg	☆	04/28/25 14:42	1	ASF

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
Tetrachloro-m-xylene	78		30 - 150	04/28/25 14:42	1	ASF
DCB Decachlorobiphenyl (Surr)	73		30 - 150	04/28/25 14:42	1	ASF

Method: 8100 - Total Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
C9-C40	<37		37	mg/Kg	☆	04/24/25 11:21	1	JMR

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
p-Terphenyl-d14 (Surr)	78		30 - 130	04/24/25 11:21	1	JMR

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Arsenic	1.8		0.50	mg/Kg	☆	04/24/25 19:07	25	DS
Barium	17		0.50	mg/Kg	☆	04/24/25 19:07	25	DS
Cadmium	<0.50		0.50	mg/Kg	☆	04/24/25 19:07	25	DS
Chromium	4.3		0.50	mg/Kg	☆	04/24/25 19:07	25	DS
Mercury	<0.10		0.10	mg/Kg	☆	04/24/25 19:07	25	DS
Lead	11		0.50	mg/Kg	☆	04/24/25 19:07	25	DS
Selenium	<0.50		0.50	mg/Kg	☆	04/24/25 19:07	25	DS
Silver	<0.50		0.50	mg/Kg	☆	04/24/25 19:07	25	DS

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW4-20250422

Lab Sample ID: 475-3151-5

Date Collected: 04/22/25 09:30

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 92.2

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<1.9		1.9	mg/Kg	☆	04/27/25 18:01	1	DGM
Benzene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Bromobenzene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Bromochloromethane	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Bromodichloromethane	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Bromoform	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Bromomethane	<0.19		0.19	mg/Kg	☆	04/27/25 18:01	1	DGM
2-Butanone (MEK)	<0.47		0.47	mg/Kg	☆	04/27/25 18:01	1	DGM
n-Butylbenzene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
sec-Butylbenzene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
tert-Butylbenzene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Carbon disulfide	<0.094		0.094	mg/Kg	☆	04/27/25 18:01	1	DGM
Carbon tetrachloride	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Chlorobenzene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Chloroethane	<0.094		0.094	mg/Kg	☆	04/27/25 18:01	1	DGM
Chloroform	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Chloromethane	<0.094		0.094	mg/Kg	☆	04/27/25 18:01	1	DGM
2-Chlorotoluene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
4-Chlorotoluene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
1,2-Dibromo-3-Chloropropane	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Dibromochloromethane	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
1,2-Dibromoethane (EDB)	<0.019		0.019	mg/Kg	☆	04/27/25 18:01	1	DGM
Dibromomethane	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
1,2-Dichlorobenzene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
1,3-Dichlorobenzene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
1,4-Dichlorobenzene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Dichlorodifluoromethane	<0.094		0.094	mg/Kg	☆	04/27/25 18:01	1	DGM
1,1-Dichloroethane	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
1,2-Dichloroethane	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
1,1-Dichloroethene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
cis-1,2-Dichloroethene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
trans-1,2-Dichloroethene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
1,2-Dichloropropane	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
1,3-Dichloropropane	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
2,2-Dichloropropane	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
1,1-Dichloropropene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
cis-1,3-Dichloropropene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
trans-1,3-Dichloropropene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Ethylbenzene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Hexachlorobutadiene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
2-Hexanone	<0.094		0.094	mg/Kg	☆	04/27/25 18:01	1	DGM
Isopropylbenzene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
p-Isopropyltoluene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Methyl-t-Butyl Ether (MTBE)	<0.094		0.094	mg/Kg	☆	04/27/25 18:01	1	DGM
4-Methyl-2-pentanone (MIBK)	<0.47		0.47	mg/Kg	☆	04/27/25 18:01	1	DGM
Methylene Chloride	<0.094		0.094	mg/Kg	☆	04/27/25 18:01	1	DGM
Naphthalene	<0.094		0.094	mg/Kg	☆	04/27/25 18:01	1	DGM
N-Propylbenzene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Styrene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW4-20250422

Lab Sample ID: 475-3151-5

Date Collected: 04/22/25 09:30

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 92.2

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
1,1,1,2-Tetrachloroethane	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
1,1,1,2,2-Tetrachloroethane	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Tetrachloroethene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Toluene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
1,2,3-Trichlorobenzene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
1,2,4-Trichlorobenzene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
1,3,5-Trichlorobenzene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
1,1,1-Trichloroethane	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
1,1,2-Trichloroethane	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Trichloroethene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Trichlorofluoromethane	<0.094		0.094	mg/Kg	☆	04/27/25 18:01	1	DGM
1,2,3-Trichloropropane	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
1,2,4-Trimethylbenzene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
1,3,5-Trimethylbenzene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Vinyl chloride	<0.019	*+	0.019	mg/Kg	☆	04/27/25 18:01	1	DGM
m,p-Xylene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
o-Xylene	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
Tetrahydrofuran (THF)	<0.47		0.47	mg/Kg	☆	04/27/25 18:01	1	DGM
Diethyl ether	<0.047		0.047	mg/Kg	☆	04/27/25 18:01	1	DGM
tert-Amyl Methyl Ether (TAME)	<0.094		0.094	mg/Kg	☆	04/27/25 18:01	1	DGM
Ethyl-t-butyl ether (ETBE)	<0.094		0.094	mg/Kg	☆	04/27/25 18:01	1	DGM
tert-Butyl alcohol (TBA)	<1.9		1.9	mg/Kg	☆	04/27/25 18:01	1	DGM
1,4-Dioxane	<0.94		0.94	mg/Kg	☆	04/27/25 18:01	1	DGM
Isopropyl Ether (DIPE)	<0.094		0.094	mg/Kg	☆	04/27/25 18:01	1	DGM

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	97		70 - 130	04/27/25 18:01	1	DGM
Toluene-d8 (Surr)	93		70 - 130	04/27/25 18:01	1	DGM
1,2-Dichloroethane-d4 (Surr)	96		70 - 130	04/27/25 18:01	1	DGM
1,2-Dichlorobenzene-d4 (Surr)	104		70 - 130	04/27/25 18:01	1	DGM

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Alpha-Terpineol	<0.37		0.37	mg/Kg	☆	04/25/25 11:50	1	JMR
2,3-Dichloroaniline	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
n-Decane	<0.37		0.37	mg/Kg	☆	04/25/25 11:50	1	JMR
n-Octadecane	<0.37		0.37	mg/Kg	☆	04/25/25 11:50	1	JMR
1,2,4-Trichlorobenzene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
1,2-Dichlorobenzene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
1,3-Dichlorobenzene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
1,4-Dichlorobenzene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
1-Methylnaphthalene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
2,4,5-Trichlorophenol	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
2,4,6-Trichlorophenol	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
2,4-Dichlorophenol	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
2,4-Dimethylphenol	<0.37		0.37	mg/Kg	☆	04/25/25 11:50	1	JMR
2,4-Dinitrophenol	<0.72		0.72	mg/Kg	☆	04/25/25 11:50	1	JMR
2,4-Dinitrotoluene	<0.15		0.15	mg/Kg	☆	04/25/25 11:50	1	JMR
2,6-Dinitrotoluene	<0.15		0.15	mg/Kg	☆	04/25/25 11:50	1	JMR
2-Chloronaphthalene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW4-20250422

Lab Sample ID: 475-3151-5

Date Collected: 04/22/25 09:30

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 92.2

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
2-Chlorophenol	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
2-Methylnaphthalene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
2-Methylphenol	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
2-Nitroaniline	<0.37		0.37	mg/Kg	☆	04/25/25 11:50	1	JMR
2-Nitrophenol	<0.37		0.37	mg/Kg	☆	04/25/25 11:50	1	JMR
3/4-Methylphenol	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
3,3'-Dichlorobenzidine	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
3-Nitroaniline	<0.37		0.37	mg/Kg	☆	04/25/25 11:50	1	JMR
4,6-Dinitro-2-methylphenol	<0.37		0.37	mg/Kg	☆	04/25/25 11:50	1	JMR
4-Bromophenyl-phenylether	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
4-Chloro-3-methylphenol	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
4-Chloroaniline	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
4-Chlorophenyl-phenylether	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
4-Nitroaniline	<0.37		0.37	mg/Kg	☆	04/25/25 11:50	1	JMR
4-Nitrophenol	<0.37		0.37	mg/Kg	☆	04/25/25 11:50	1	JMR
Acenaphthene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Acenaphthylene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Acetophenone	<0.72		0.72	mg/Kg	☆	04/25/25 11:50	1	JMR
Aniline	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Anthracene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Benzidine (estimated)	<0.37	*1	0.37	mg/Kg	☆	04/25/25 11:50	1	JMR
Benzo[a]anthracene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Benzo[a]pyrene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Benzo[b]fluoranthene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Benzo[g,h,i]perylene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Benzo[k]fluoranthene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Benzoic acid	<3.7		3.7	mg/Kg	☆	04/25/25 11:50	1	JMR
Benzyl alcohol	<0.72		0.72	mg/Kg	☆	04/25/25 11:50	1	JMR
Bis(2-chloroethoxy)methane	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Bis(2-chloroethyl)ether	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
bis(2-chloroisopropyl) ether	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Bis(2-ethylhexyl)phthalate	<0.37		0.37	mg/Kg	☆	04/25/25 11:50	1	JMR
Butylbenzylphthalate	<0.37		0.37	mg/Kg	☆	04/25/25 11:50	1	JMR
Carbazole	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Chrysene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Dibenz[a,h]anthracene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Dibenzofuran	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Diethylphthalate	<0.37		0.37	mg/Kg	☆	04/25/25 11:50	1	JMR
Dimethylphthalate	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Di-n-butylphthalate	<0.37		0.37	mg/Kg	☆	04/25/25 11:50	1	JMR
Di-n-octylphthalate	<0.37		0.37	mg/Kg	☆	04/25/25 11:50	1	JMR
Fluoranthene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Fluorene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Hexachlorobenzene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Hexachlorobutadiene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Hexachlorocyclopentadiene	<0.37		0.37	mg/Kg	☆	04/25/25 11:50	1	JMR
Hexachloroethane	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Indeno[1,2,3-cd]pyrene	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR
Isophorone	<0.076		0.076	mg/Kg	☆	04/25/25 11:50	1	JMR

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW4-20250422

Lab Sample ID: 475-3151-5

Date Collected: 04/22/25 09:30

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 92.2

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Naphthalene	<0.076		0.076	mg/Kg	✧	04/25/25 11:50	1	JMR
Nitrobenzene	<0.076		0.076	mg/Kg	✧	04/25/25 11:50	1	JMR
N-Nitrosodimethylamine	<0.076		0.076	mg/Kg	✧	04/25/25 11:50	1	JMR
N-Nitroso-di-n-propylamine	<0.043		0.043	mg/Kg	✧	04/25/25 11:50	1	JMR
N-Nitrosodiphenylamine	<0.076		0.076	mg/Kg	✧	04/25/25 11:50	1	JMR
Pentachlorophenol	<0.37		0.37	mg/Kg	✧	04/25/25 11:50	1	JMR
Phenanthrene	<0.076		0.076	mg/Kg	✧	04/25/25 11:50	1	JMR
Phenol	<0.076		0.076	mg/Kg	✧	04/25/25 11:50	1	JMR
Pyrene	<0.076		0.076	mg/Kg	✧	04/25/25 11:50	1	JMR
Pyridine	<0.37		0.37	mg/Kg	✧	04/25/25 11:50	1	JMR
Azobenzene	<0.076		0.076	mg/Kg	✧	04/25/25 11:50	1	JMR

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
Phenol-d6 (Surr)	70		15 - 110	04/25/25 11:50	1	JMR
p-Terphenyl-d14 (Surr)	68		30 - 130	04/25/25 11:50	1	JMR
2-Fluorobiphenyl (Surr)	67		30 - 130	04/25/25 11:50	1	JMR
2-Fluorophenol (Surr)	65		15 - 110	04/25/25 11:50	1	JMR
Nitrobenzene-d5 (Surr)	66		30 - 130	04/25/25 11:50	1	JMR
2,4,6-Tribromophenol (Surr)	89		15 - 110	04/25/25 11:50	1	JMR

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Aldrin	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
alpha-BHC	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
beta-BHC	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
Lindane (gamma-BHC)	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
delta-BHC	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
alpha-Chlordane	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
gamma-Chlordane	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
4,4'-DDT	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
4,4'-DDE	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
4,4'-DDD	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
Dieldrin	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
Endosulfan I	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
Endosulfan II	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
Endosulfan sulfate	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
Endrin	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
Endrin aldehyde	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
Endrin ketone	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
Heptachlor	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
Heptachlor epoxide	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
Methoxychlor	<0.0053		0.0053	mg/Kg	✧	04/28/25 14:52	1	ASF
Chlordane (technical)	<0.021		0.021	mg/Kg	✧	04/28/25 14:52	1	ASF
Toxaphene	<0.053		0.053	mg/Kg	✧	04/28/25 14:52	1	ASF

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
Tetrachloro-m-xylene	77		30 - 150	04/28/25 14:52	1	ASF
DCB Decachlorobiphenyl (Surr)	70		30 - 150	04/28/25 14:52	1	ASF

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW4-20250422

Date Collected: 04/22/25 09:30

Date Received: 04/22/25 16:26

Lab Sample ID: 475-3151-5

Matrix: Solid

Percent Solids: 92.2

Method: 8100 - Total Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
C9-C40	<32		32	mg/Kg	☆	04/24/25 11:48	1	JMR
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
p-Terphenyl-d14 (Surr)	88		30 - 130			04/24/25 11:48	1	JMR

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Arsenic	1.6		0.50	mg/Kg	☆	04/24/25 19:11	25	DS
Barium	12		0.50	mg/Kg	☆	04/24/25 19:11	25	DS
Cadmium	<0.50		0.50	mg/Kg	☆	04/24/25 19:11	25	DS
Chromium	3.6		0.50	mg/Kg	☆	04/24/25 19:11	25	DS
Mercury	<0.099		0.099	mg/Kg	☆	04/24/25 19:11	25	DS
Lead	6.7		0.50	mg/Kg	☆	04/24/25 19:11	25	DS
Selenium	<0.50		0.50	mg/Kg	☆	04/24/25 19:11	25	DS
Silver	<0.50		0.50	mg/Kg	☆	04/24/25 19:11	25	DS

Client Sample ID: MW5-20250422

Date Collected: 04/22/25 10:15

Date Received: 04/22/25 16:26

Lab Sample ID: 475-3151-6

Matrix: Solid

Percent Solids: 90.4

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<2.1		2.1	mg/Kg	☆	04/27/25 18:25	1	DGM
Benzene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Bromobenzene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Bromochloromethane	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Bromodichloromethane	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Bromoform	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Bromomethane	<0.21		0.21	mg/Kg	☆	04/27/25 18:25	1	DGM
2-Butanone (MEK)	<0.52		0.52	mg/Kg	☆	04/27/25 18:25	1	DGM
n-Butylbenzene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
sec-Butylbenzene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
tert-Butylbenzene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Carbon disulfide	<0.10		0.10	mg/Kg	☆	04/27/25 18:25	1	DGM
Carbon tetrachloride	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Chlorobenzene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Chloroethane	<0.10		0.10	mg/Kg	☆	04/27/25 18:25	1	DGM
Chloroform	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Chloromethane	<0.10		0.10	mg/Kg	☆	04/27/25 18:25	1	DGM
2-Chlorotoluene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
4-Chlorotoluene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
1,2-Dibromo-3-Chloropropane	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Dibromochloromethane	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
1,2-Dibromoethane (EDB)	<0.021		0.021	mg/Kg	☆	04/27/25 18:25	1	DGM
Dibromomethane	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
1,2-Dichlorobenzene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
1,3-Dichlorobenzene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
1,4-Dichlorobenzene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Dichlorodifluoromethane	<0.10		0.10	mg/Kg	☆	04/27/25 18:25	1	DGM
1,1-Dichloroethane	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW5-20250422

Lab Sample ID: 475-3151-6

Date Collected: 04/22/25 10:15

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 90.4

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
1,2-Dichloroethane	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
1,1-Dichloroethene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
cis-1,2-Dichloroethene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
trans-1,2-Dichloroethene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
1,2-Dichloropropane	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
1,3-Dichloropropane	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
2,2-Dichloropropane	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
1,1-Dichloropropene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
cis-1,3-Dichloropropene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
trans-1,3-Dichloropropene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Ethylbenzene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Hexachlorobutadiene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
2-Hexanone	<0.10		0.10	mg/Kg	☆	04/27/25 18:25	1	DGM
Isopropylbenzene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
p-Isopropyltoluene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Methyl-t-Butyl Ether (MTBE)	<0.10		0.10	mg/Kg	☆	04/27/25 18:25	1	DGM
4-Methyl-2-pentanone (MIBK)	<0.52		0.52	mg/Kg	☆	04/27/25 18:25	1	DGM
Methylene Chloride	<0.10		0.10	mg/Kg	☆	04/27/25 18:25	1	DGM
Naphthalene	<0.10		0.10	mg/Kg	☆	04/27/25 18:25	1	DGM
N-Propylbenzene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Styrene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
1,1,1,2-Tetrachloroethane	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
1,1,2,2-Tetrachloroethane	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Tetrachloroethene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Toluene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
1,2,3-Trichlorobenzene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
1,2,4-Trichlorobenzene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
1,3,5-Trichlorobenzene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
1,1,1-Trichloroethane	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
1,1,2-Trichloroethane	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Trichloroethene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Trichlorofluoromethane	<0.10		0.10	mg/Kg	☆	04/27/25 18:25	1	DGM
1,2,3-Trichloropropane	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
1,2,4-Trimethylbenzene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
1,3,5-Trimethylbenzene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Vinyl chloride	<0.021	*+	0.021	mg/Kg	☆	04/27/25 18:25	1	DGM
m,p-Xylene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
o-Xylene	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
Tetrahydrofuran (THF)	<0.52		0.52	mg/Kg	☆	04/27/25 18:25	1	DGM
Diethyl ether	<0.052		0.052	mg/Kg	☆	04/27/25 18:25	1	DGM
tert-Amyl Methyl Ether (TAME)	<0.10		0.10	mg/Kg	☆	04/27/25 18:25	1	DGM
Ethyl-t-butyl ether (ETBE)	<0.10		0.10	mg/Kg	☆	04/27/25 18:25	1	DGM
tert-Butyl alcohol (TBA)	<2.1		2.1	mg/Kg	☆	04/27/25 18:25	1	DGM
1,4-Dioxane	<1.0		1.0	mg/Kg	☆	04/27/25 18:25	1	DGM
Isopropyl Ether (DIPE)	<0.10		0.10	mg/Kg	☆	04/27/25 18:25	1	DGM

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	98		70 - 130	04/27/25 18:25	1	DGM
Toluene-d8 (Surr)	94		70 - 130	04/27/25 18:25	1	DGM
1,2-Dichloroethane-d4 (Surr)	95		70 - 130	04/27/25 18:25	1	DGM

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW5-20250422

Lab Sample ID: 475-3151-6

Date Collected: 04/22/25 10:15

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 90.4

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
1,2-Dichlorobenzene-d4 (Surr)	103		70 - 130	04/27/25 18:25	1	DGM

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Alpha-Terpineol	<0.37		0.37	mg/Kg	✧	04/25/25 12:11	1	JMR
2,3-Dichloroaniline	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
n-Decane	<0.37		0.37	mg/Kg	✧	04/25/25 12:11	1	JMR
n-Octadecane	<0.37		0.37	mg/Kg	✧	04/25/25 12:11	1	JMR
1,2,4-Trichlorobenzene	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
1,2-Dichlorobenzene	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
1,3-Dichlorobenzene	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
1,4-Dichlorobenzene	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
1-Methylnaphthalene	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
2,4,5-Trichlorophenol	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
2,4,6-Trichlorophenol	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
2,4-Dichlorophenol	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
2,4-Dimethylphenol	<0.37		0.37	mg/Kg	✧	04/25/25 12:11	1	JMR
2,4-Dinitrophenol	<0.74		0.74	mg/Kg	✧	04/25/25 12:11	1	JMR
2,4-Dinitrotoluene	<0.15		0.15	mg/Kg	✧	04/25/25 12:11	1	JMR
2,6-Dinitrotoluene	<0.15		0.15	mg/Kg	✧	04/25/25 12:11	1	JMR
2-Chloronaphthalene	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
2-Chlorophenol	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
2-Methylnaphthalene	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
2-Methylphenol	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
2-Nitroaniline	<0.37		0.37	mg/Kg	✧	04/25/25 12:11	1	JMR
2-Nitrophenol	<0.37		0.37	mg/Kg	✧	04/25/25 12:11	1	JMR
3/4-Methylphenol	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
3,3'-Dichlorobenzidine	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
3-Nitroaniline	<0.37		0.37	mg/Kg	✧	04/25/25 12:11	1	JMR
4,6-Dinitro-2-methylphenol	<0.37		0.37	mg/Kg	✧	04/25/25 12:11	1	JMR
4-Bromophenyl-phenylether	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
4-Chloro-3-methylphenol	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
4-Chloroaniline	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
4-Chlorophenyl-phenylether	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
4-Nitroaniline	<0.37		0.37	mg/Kg	✧	04/25/25 12:11	1	JMR
4-Nitrophenol	<0.37		0.37	mg/Kg	✧	04/25/25 12:11	1	JMR
Acenaphthene	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
Acenaphthylene	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
Acetophenone	<0.74		0.74	mg/Kg	✧	04/25/25 12:11	1	JMR
Aniline	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
Anthracene	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
Benzidine (estimated)	<0.37 *1		0.37	mg/Kg	✧	04/25/25 12:11	1	JMR
Benzo[a]anthracene	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
Benzo[a]pyrene	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
Benzo[b]fluoranthene	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
Benzo[g,h,i]perylene	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
Benzo[k]fluoranthene	<0.077		0.077	mg/Kg	✧	04/25/25 12:11	1	JMR
Benzoic acid	<3.7		3.7	mg/Kg	✧	04/25/25 12:11	1	JMR
Benzyl alcohol	<0.74		0.74	mg/Kg	✧	04/25/25 12:11	1	JMR

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW5-20250422

Lab Sample ID: 475-3151-6

Date Collected: 04/22/25 10:15

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 90.4

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Bis(2-chloroethoxy)methane	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Bis(2-chloroethyl)ether	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
bis(2-chloroisopropyl) ether	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Bis(2-ethylhexyl)phthalate	<0.37		0.37	mg/Kg	☆	04/25/25 12:11	1	JMR
Butylbenzylphthalate	<0.37		0.37	mg/Kg	☆	04/25/25 12:11	1	JMR
Carbazole	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Chrysene	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Dibenz[a,h]anthracene	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Dibenzofuran	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Diethylphthalate	<0.37		0.37	mg/Kg	☆	04/25/25 12:11	1	JMR
Dimethylphthalate	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Di-n-butylphthalate	<0.37		0.37	mg/Kg	☆	04/25/25 12:11	1	JMR
Di-n-octylphthalate	<0.37		0.37	mg/Kg	☆	04/25/25 12:11	1	JMR
Fluoranthene	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Fluorene	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Hexachlorobenzene	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Hexachlorobutadiene	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Hexachlorocyclopentadiene	<0.37		0.37	mg/Kg	☆	04/25/25 12:11	1	JMR
Hexachloroethane	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Indeno[1,2,3-cd]pyrene	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Isophorone	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Naphthalene	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Nitrobenzene	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
N-Nitrosodimethylamine	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
N-Nitroso-di-n-propylamine	<0.044		0.044	mg/Kg	☆	04/25/25 12:11	1	JMR
N-Nitrosodiphenylamine	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Pentachlorophenol	<0.37		0.37	mg/Kg	☆	04/25/25 12:11	1	JMR
Phenanthrene	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Phenol	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Pyrene	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR
Pyridine	<0.37		0.37	mg/Kg	☆	04/25/25 12:11	1	JMR
Azobenzene	<0.077		0.077	mg/Kg	☆	04/25/25 12:11	1	JMR

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
Phenol-d6 (Surr)	73		15 - 110	04/25/25 12:11	1	JMR
p-Terphenyl-d14 (Surr)	71		30 - 130	04/25/25 12:11	1	JMR
2-Fluorobiphenyl (Surr)	73		30 - 130	04/25/25 12:11	1	JMR
2-Fluorophenol (Surr)	69		15 - 110	04/25/25 12:11	1	JMR
Nitrobenzene-d5 (Surr)	69		30 - 130	04/25/25 12:11	1	JMR
2,4,6-Tribromophenol (Surr)	91		15 - 110	04/25/25 12:11	1	JMR

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Aldrin	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
alpha-BHC	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
beta-BHC	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
Lindane (gamma-BHC)	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
delta-BHC	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
alpha-Chlordane	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
gamma-Chlordane	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: MW5-20250422

Date Collected: 04/22/25 10:15

Date Received: 04/22/25 16:26

Lab Sample ID: 475-3151-6

Matrix: Solid

Percent Solids: 90.4

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
4,4'-DDT	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
4,4'-DDE	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
4,4'-DDD	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
Dieldrin	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
Endosulfan I	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
Endosulfan II	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
Endosulfan sulfate	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
Endrin	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
Endrin aldehyde	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
Endrin ketone	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
Heptachlor	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
Heptachlor epoxide	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
Methoxychlor	<0.0054		0.0054	mg/Kg	☆	04/28/25 15:01	1	ASF
Chlordane (technical)	<0.022		0.022	mg/Kg	☆	04/28/25 15:01	1	ASF
Toxaphene	<0.054		0.054	mg/Kg	☆	04/28/25 15:01	1	ASF
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
Tetrachloro-m-xylene	79		30 - 150			04/28/25 15:01	1	ASF
DCB Decachlorobiphenyl (Surr)	77		30 - 150			04/28/25 15:01	1	ASF

Method: 8100 - Total Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
C9-C40	<33		33	mg/Kg	☆	04/24/25 12:14	1	JMR
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
p-Terphenyl-d14 (Surr)	94		30 - 130			04/24/25 12:14	1	JMR

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Arsenic	0.94		0.50	mg/Kg	☆	04/24/25 19:16	25	DS
Barium	13		0.50	mg/Kg	☆	04/24/25 19:16	25	DS
Cadmium	<0.50		0.50	mg/Kg	☆	04/24/25 19:16	25	DS
Chromium	7.4		0.50	mg/Kg	☆	04/24/25 19:16	25	DS
Mercury	<0.10		0.10	mg/Kg	☆	04/24/25 19:16	25	DS
Lead	7.8		0.50	mg/Kg	☆	04/24/25 19:16	25	DS
Selenium	<0.50		0.50	mg/Kg	☆	04/24/25 19:16	25	DS
Silver	<0.50		0.50	mg/Kg	☆	04/24/25 19:16	25	DS

Client Sample ID: FD01-20250422

Date Collected: 04/22/25 08:00

Date Received: 04/22/25 16:26

Lab Sample ID: 475-3151-7

Matrix: Solid

Percent Solids: 77.4

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<3.0		3.0	mg/Kg	☆	04/27/25 18:50	1	DGM
Benzene	<0.076		0.076	mg/Kg	☆	04/27/25 18:50	1	DGM
Bromobenzene	<0.076		0.076	mg/Kg	☆	04/27/25 18:50	1	DGM
Bromochloromethane	<0.076		0.076	mg/Kg	☆	04/27/25 18:50	1	DGM
Bromodichloromethane	<0.076		0.076	mg/Kg	☆	04/27/25 18:50	1	DGM
Bromoform	<0.076		0.076	mg/Kg	☆	04/27/25 18:50	1	DGM
Bromomethane	<0.30		0.30	mg/Kg	☆	04/27/25 18:50	1	DGM

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: FD01-20250422

Lab Sample ID: 475-3151-7

Date Collected: 04/22/25 08:00

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 77.4

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
2-Butanone (MEK)	<0.76		0.76	mg/Kg	✱	04/27/25 18:50	1	DGM
n-Butylbenzene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
sec-Butylbenzene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
tert-Butylbenzene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
Carbon disulfide	<0.15		0.15	mg/Kg	✱	04/27/25 18:50	1	DGM
Carbon tetrachloride	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
Chlorobenzene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
Chloroethane	<0.15		0.15	mg/Kg	✱	04/27/25 18:50	1	DGM
Chloroform	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
Chloromethane	<0.15		0.15	mg/Kg	✱	04/27/25 18:50	1	DGM
2-Chlorotoluene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
4-Chlorotoluene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
1,2-Dibromo-3-Chloropropane	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
Dibromochloromethane	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
1,2-Dibromoethane (EDB)	<0.030		0.030	mg/Kg	✱	04/27/25 18:50	1	DGM
Dibromomethane	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
1,2-Dichlorobenzene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
1,3-Dichlorobenzene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
1,4-Dichlorobenzene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
Dichlorodifluoromethane	<0.15		0.15	mg/Kg	✱	04/27/25 18:50	1	DGM
1,1-Dichloroethane	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
1,2-Dichloroethane	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
1,1-Dichloroethene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
cis-1,2-Dichloroethene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
trans-1,2-Dichloroethene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
1,2-Dichloropropane	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
1,3-Dichloropropane	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
2,2-Dichloropropane	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
1,1-Dichloropropene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
cis-1,3-Dichloropropene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
trans-1,3-Dichloropropene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
Ethylbenzene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
Hexachlorobutadiene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
2-Hexanone	<0.15		0.15	mg/Kg	✱	04/27/25 18:50	1	DGM
Isopropylbenzene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
p-Isopropyltoluene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
Methyl-t-Butyl Ether (MTBE)	<0.15		0.15	mg/Kg	✱	04/27/25 18:50	1	DGM
4-Methyl-2-pentanone (MIBK)	<0.76		0.76	mg/Kg	✱	04/27/25 18:50	1	DGM
Methylene Chloride	<0.15		0.15	mg/Kg	✱	04/27/25 18:50	1	DGM
Naphthalene	<0.15		0.15	mg/Kg	✱	04/27/25 18:50	1	DGM
N-Propylbenzene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
Styrene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
1,1,1,2-Tetrachloroethane	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
1,1,2,2-Tetrachloroethane	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
Tetrachloroethene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
Toluene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
1,2,3-Trichlorobenzene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
1,2,4-Trichlorobenzene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM
1,3,5-Trichlorobenzene	<0.076		0.076	mg/Kg	✱	04/27/25 18:50	1	DGM

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: FD01-20250422

Lab Sample ID: 475-3151-7

Date Collected: 04/22/25 08:00

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 77.4

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
1,1,1-Trichloroethane	<0.076		0.076	mg/Kg	☆	04/27/25 18:50	1	DGM
1,1,2-Trichloroethane	<0.076		0.076	mg/Kg	☆	04/27/25 18:50	1	DGM
Trichloroethene	<0.076		0.076	mg/Kg	☆	04/27/25 18:50	1	DGM
Trichlorofluoromethane	<0.15		0.15	mg/Kg	☆	04/27/25 18:50	1	DGM
1,2,3-Trichloropropane	<0.076		0.076	mg/Kg	☆	04/27/25 18:50	1	DGM
1,2,4-Trimethylbenzene	<0.076		0.076	mg/Kg	☆	04/27/25 18:50	1	DGM
1,3,5-Trimethylbenzene	<0.076		0.076	mg/Kg	☆	04/27/25 18:50	1	DGM
Vinyl chloride	<0.030	*+	0.030	mg/Kg	☆	04/27/25 18:50	1	DGM
m,p-Xylene	<0.076		0.076	mg/Kg	☆	04/27/25 18:50	1	DGM
o-Xylene	<0.076		0.076	mg/Kg	☆	04/27/25 18:50	1	DGM
Tetrahydrofuran (THF)	<0.76		0.76	mg/Kg	☆	04/27/25 18:50	1	DGM
Diethyl ether	<0.076		0.076	mg/Kg	☆	04/27/25 18:50	1	DGM
tert-Amyl Methyl Ether (TAME)	<0.15		0.15	mg/Kg	☆	04/27/25 18:50	1	DGM
Ethyl-t-butyl ether (ETBE)	<0.15		0.15	mg/Kg	☆	04/27/25 18:50	1	DGM
tert-Butyl alcohol (TBA)	<3.0		3.0	mg/Kg	☆	04/27/25 18:50	1	DGM
1,4-Dioxane	<1.5		1.5	mg/Kg	☆	04/27/25 18:50	1	DGM
Isopropyl Ether (DIPE)	<0.15		0.15	mg/Kg	☆	04/27/25 18:50	1	DGM

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	97		70 - 130	04/27/25 18:50	1	DGM
Toluene-d8 (Surr)	94		70 - 130	04/27/25 18:50	1	DGM
1,2-Dichloroethane-d4 (Surr)	96		70 - 130	04/27/25 18:50	1	DGM
1,2-Dichlorobenzene-d4 (Surr)	104		70 - 130	04/27/25 18:50	1	DGM

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Alpha-Terpineol	<0.43		0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
2,3-Dichloroaniline	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
n-Decane	<0.43		0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
n-Octadecane	<0.43		0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
1,2,4-Trichlorobenzene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
1,2-Dichlorobenzene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
1,3-Dichlorobenzene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
1,4-Dichlorobenzene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
1-Methylnaphthalene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
2,4,5-Trichlorophenol	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
2,4,6-Trichlorophenol	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
2,4-Dichlorophenol	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
2,4-Dimethylphenol	<0.43		0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
2,4-Dinitrophenol	<0.86		0.86	mg/Kg	☆	04/25/25 12:33	1	JMR
2,4-Dinitrotoluene	<0.18		0.18	mg/Kg	☆	04/25/25 12:33	1	JMR
2,6-Dinitrotoluene	<0.18		0.18	mg/Kg	☆	04/25/25 12:33	1	JMR
2-Chloronaphthalene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
2-Chlorophenol	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
2-Methylnaphthalene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
2-Methylphenol	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
2-Nitroaniline	<0.43		0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
2-Nitrophenol	<0.43		0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
3/4-Methylphenol	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
3,3'-Dichlorobenzidine	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: FD01-20250422

Lab Sample ID: 475-3151-7

Date Collected: 04/22/25 08:00

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 77.4

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
3-Nitroaniline	<0.43		0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
4,6-Dinitro-2-methylphenol	<0.43		0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
4-Bromophenyl-phenylether	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
4-Chloro-3-methylphenol	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
4-Chloroaniline	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
4-Chlorophenyl-phenylether	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
4-Nitroaniline	<0.43		0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
4-Nitrophenol	<0.43		0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
Acenaphthene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Acenaphthylene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Acetophenone	<0.86		0.86	mg/Kg	☆	04/25/25 12:33	1	JMR
Aniline	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Anthracene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Benzidine (estimated)	<0.43	*1	0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
Benzo[a]anthracene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Benzo[a]pyrene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Benzo[b]fluoranthene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Benzo[g,h,i]perylene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Benzo[k]fluoranthene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Benzoic acid	<4.3		4.3	mg/Kg	☆	04/25/25 12:33	1	JMR
Benzyl alcohol	<0.86		0.86	mg/Kg	☆	04/25/25 12:33	1	JMR
Bis(2-chloroethoxy)methane	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Bis(2-chloroethyl)ether	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
bis(2-chloroisopropyl) ether	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Bis(2-ethylhexyl)phthalate	<0.43		0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
Butylbenzylphthalate	<0.43		0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
Carbazole	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Chrysene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Dibenz[a,h]anthracene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Dibenzofuran	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Diethylphthalate	<0.43		0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
Dimethylphthalate	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Di-n-butylphthalate	<0.43		0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
Di-n-octylphthalate	<0.43		0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
Fluoranthene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Fluorene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Hexachlorobenzene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Hexachlorobutadiene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Hexachlorocyclopentadiene	<0.43		0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
Hexachloroethane	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Indeno[1,2,3-cd]pyrene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Isophorone	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Naphthalene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Nitrobenzene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
N-Nitrosodimethylamine	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
N-Nitroso-di-n-propylamine	<0.051		0.051	mg/Kg	☆	04/25/25 12:33	1	JMR
N-Nitrosodiphenylamine	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Pentachlorophenol	<0.43		0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
Phenanthrene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR

Eurofins Concord

Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: FD01-20250422

Lab Sample ID: 475-3151-7

Date Collected: 04/22/25 08:00

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 77.4

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Phenol	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Pyrene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR
Pyridine	<0.43		0.43	mg/Kg	☆	04/25/25 12:33	1	JMR
Azobenzene	<0.089		0.089	mg/Kg	☆	04/25/25 12:33	1	JMR

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
Phenol-d6 (Surr)	72		15 - 110	04/25/25 12:33	1	JMR
p-Terphenyl-d14 (Surr)	69		30 - 130	04/25/25 12:33	1	JMR
2-Fluorobiphenyl (Surr)	70		30 - 130	04/25/25 12:33	1	JMR
2-Fluorophenol (Surr)	67		15 - 110	04/25/25 12:33	1	JMR
Nitrobenzene-d5 (Surr)	67		30 - 130	04/25/25 12:33	1	JMR
2,4,6-Tribromophenol (Surr)	92		15 - 110	04/25/25 12:33	1	JMR

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Aldrin	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
alpha-BHC	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
beta-BHC	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
Lindane (gamma-BHC)	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
delta-BHC	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
alpha-Chlordane	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
gamma-Chlordane	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
4,4'-DDT	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
4,4'-DDE	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
4,4'-DDD	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
Dieldrin	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
Endosulfan I	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
Endosulfan II	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
Endosulfan sulfate	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
Endrin	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
Endrin aldehyde	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
Endrin ketone	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
Heptachlor	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
Heptachlor epoxide	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
Methoxychlor	<0.0064		0.0064	mg/Kg	☆	04/28/25 15:11	1	ASF
Chlordane (technical)	<0.026		0.026	mg/Kg	☆	04/28/25 15:11	1	ASF
Toxaphene	<0.064		0.064	mg/Kg	☆	04/28/25 15:11	1	ASF

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
Tetrachloro-m-xylene	80		30 - 150	04/28/25 15:11	1	ASF
DCB Decachlorobiphenyl (Surr)	74		30 - 150	04/28/25 15:11	1	ASF

Method: 8100 - Total Petroleum Hydrocarbons

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
C9-C40	<38		38	mg/Kg	☆	04/24/25 12:41	1	JMR

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
p-Terphenyl-d14 (Surr)	81		30 - 130	04/24/25 12:41	1	JMR

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Client Sample ID: FD01-20250422

Lab Sample ID: 475-3151-7

Date Collected: 04/22/25 08:00

Matrix: Solid

Date Received: 04/22/25 16:26

Percent Solids: 77.4

Method: 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Arsenic	1.8		0.50	mg/Kg	✱	04/24/25 19:21	25	DS
Barium	14		0.50	mg/Kg	✱	04/24/25 19:21	25	DS
Cadmium	<0.50		0.50	mg/Kg	✱	04/24/25 19:21	25	DS
Chromium	4.5		0.50	mg/Kg	✱	04/24/25 19:21	25	DS
Mercury	<0.10		0.10	mg/Kg	✱	04/24/25 19:21	25	DS
Lead	8.1		0.50	mg/Kg	✱	04/24/25 19:21	25	DS
Selenium	<0.50		0.50	mg/Kg	✱	04/24/25 19:21	25	DS
Silver	<0.50		0.50	mg/Kg	✱	04/24/25 19:21	25	DS

Accreditation/Certification and Definitions Summary

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Laboratory: Eurofins Concord

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Hampshire	NELAP	1012	01-20-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8260D	5035	Solid	1,3,5-Trichlorobenzene
8270E	3540C	Solid	2,3-Dichloroaniline
8270E	3540C	Solid	3/4-Methylphenol
8270E	3540C	Solid	3-Nitroaniline
8270E	3540C	Solid	Alpha-Terpeneol

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.

GC/MS Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
MRL	Method Reporting Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present

Accreditation/Certification and Definitions Summary

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-3151-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
SDL	Sample Detection Limit
SDL	Sample Detection Limit
SDL	Sample Detection Limit
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Environment Testing Concord

51 Antrim Avenue
Concord, NH 03301
Phone (603) 228-0525

Chain of Custody Record

eurofins



5/2/2025

Client Information		Sampler: <u>Travis Cohen</u>		Lab PM: <u>Blay, Alison D</u>		Carrier Tracking No(s):		COC No: <u>475-3151 COC</u>																																									
Client Contact: <u>Travis Cohen</u>		Phone:		E-Mail: <u>Alison.Blay@et.eurofinsus.com</u>		State of Origin:		Page: <u>Page 2 of 3</u> <u>1/1</u>																																									
Company: <u>Nobis Engineering, Inc.</u>		PWSID:		Analysis Requested																																													
Address: <u>18 Chenell Drive</u>		Due Date Requested:		<table border="1"> <tr> <th>Field Filtered Sample (Yes or No)</th> <th>Perform MS/MSD (Yes or No)</th> <th>8260D - VOC 8260</th> <th>8270E - 8270 ABN</th> <th>8100 - Local Method</th> <th>8081B - Pesticides 8081B</th> <th>6020B - 8 RCRA Metals List</th> <th>Total Number of containers</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOC 8260	8270E - 8270 ABN	8100 - Local Method	8081B - Pesticides 8081B	6020B - 8 RCRA Metals List	Total Number of containers																																
Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOC 8260	8270E - 8270 ABN							8100 - Local Method	8081B - Pesticides 8081B	6020B - 8 RCRA Metals List	Total Number of containers																																				
City: <u>Concord</u>		TAT Requested (days): <u>7</u>																																															
State, Zip: <u>NH, 03301-8537</u>		Compliance Project: ☐ Yes ☐ No																																															
Phone:		PO #: <u>Use customer project number 100752.002</u>																																															
Email: <u>tcohen@nobis-group.com</u> <u>tcohen@nobis-group.com</u>		WO #: <u>COM</u>		Preservation Codes: F - MeOH N - None Other:																																													
Project Name: <u>374 Tamworth Road100752.002</u>		Project #: <u>47501683</u>																																															
Site:		SSOW#:																																															
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		8260D - VOC 8260		8270E - 8270 ABN		8100 - Local Method		8081B - Pesticides 8081B		6020B - 8 RCRA Metals List		Total Number of containers	Special Instructions/Note:																												
<u>Tri Blank</u>		<u>4/22/25</u>	<u>0700</u>	<u>G</u>	<u>Solid</u>					<u>X</u>										<u>1</u>																													
<u>MW1 - 20250422</u>			<u>1300</u>		<u>Solid</u>					<u>X</u>		<u>X</u>		<u>X</u>		<u>X</u>		<u>X</u>		<u>3</u>																													
<u>MW2 - 20250422</u>			<u>1330</u>		<u>Solid</u>					<u>X</u>		<u>X</u>		<u>X</u>		<u>X</u>		<u>X</u>		<u>3</u>																													
<u>MW3 - 20250422</u>			<u>1145</u>		<u>Solid</u>					<u>X</u>		<u>X</u>		<u>X</u>		<u>X</u>		<u>X</u>		<u>3</u>																													
<u>MW4 - 20250422</u>			<u>930</u>		<u>Solid</u>					<u>X</u>		<u>X</u>		<u>X</u>		<u>X</u>		<u>X</u>		<u>3</u>																													
<u>MW5 - 20250422</u>			<u>1015</u>		<u>Solid</u>					<u>X</u>		<u>X</u>		<u>X</u>		<u>X</u>		<u>X</u>		<u>3</u>																													
<u>EDDL - 20250422</u>		<u>✓</u>	<u>0800</u>	<u>✓</u>	<u>Solid</u>					<u>X</u>		<u>X</u>		<u>X</u>		<u>X</u>		<u>X</u>		<u>3</u>																													
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Page 36 of 36



ANALYTICAL REPORT

PREPARED FOR

Attn: Tim Andrews
Nobis Engineering, Inc.
18 Chenell Drive
Concord, New Hampshire 03301-8537

Generated 5/19/2025 8:59:06 AM

JOB DESCRIPTION

374 Tamworth Road 100752.002

JOB NUMBER

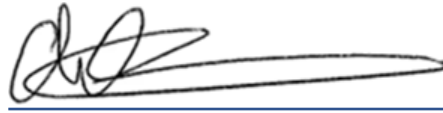
475-4219-1

Eurofins Concord

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
5/19/2025 8:59:06 AM

Authorized for release by
Alison Blay, Project Manager
Alison.Blay@et.eurofinsus.com
(603)228-0525

Case Narrative

Client: Nobis Engineering, Inc.
Project: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Job ID: 475-4219-1

Eurofins Concord

Job Narrative 475-4219-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/9/2025 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C.

GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Pesticides

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PFAS

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Concord

Sample Summary

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
475-4219-1	Trip Blank	Water	05/08/25 07:30	05/09/25 08:00
475-4219-2	FD01-20250508	Water	05/08/25 07:00	05/09/25 08:00
475-4219-3	MW1-20250508	Water	05/08/25 11:50	05/09/25 08:00
475-4219-4	MW2-20250508	Water	05/08/25 13:40	05/09/25 08:00
475-4219-5	MW3-20250508	Water	05/08/25 11:20	05/09/25 08:00
475-4219-6	MW4-20250508	Water	05/08/25 12:00	05/09/25 08:00
475-4219-7	MW5-20250508	Water	05/08/25 00:00	05/09/25 08:00

Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: Trip Blank

Lab Sample ID: 475-4219-1

Date Collected: 05/08/25 07:30

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<10		10	ug/L		05/13/25 10:38	1	AMF
Benzene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
Bromobenzene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
Bromochloromethane	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
Bromodichloromethane	<0.50		0.50	ug/L		05/13/25 10:38	1	AMF
Bromoform	<2.0		2.0	ug/L		05/13/25 10:38	1	AMF
Bromomethane	<2.0		2.0	ug/L		05/13/25 10:38	1	AMF
2-Butanone (MEK)	<10		10	ug/L		05/13/25 10:38	1	AMF
n-Butylbenzene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
sec-Butylbenzene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
tert-Butylbenzene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
Carbon disulfide	<2.0		2.0	ug/L		05/13/25 10:38	1	AMF
Carbon tetrachloride	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
Chlorobenzene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
Chloroethane	<2.0		2.0	ug/L		05/13/25 10:38	1	AMF
Chloroform	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
Chloromethane	<2.0		2.0	ug/L		05/13/25 10:38	1	AMF
2-Chlorotoluene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
4-Chlorotoluene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
1,2-Dibromo-3-Chloropropane	<2.0		2.0	ug/L		05/13/25 10:38	1	AMF
Dibromochloromethane	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
1,2-Dibromoethane (EDB)	<0.50		0.50	ug/L		05/13/25 10:38	1	AMF
Dibromomethane	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
1,2-Dichlorobenzene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
1,3-Dichlorobenzene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
1,4-Dichlorobenzene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
Dichlorodifluoromethane	<2.0		2.0	ug/L		05/13/25 10:38	1	AMF
1,1-Dichloroethane	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
1,2-Dichloroethane	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
1,1-Dichloroethene	<0.50		0.50	ug/L		05/13/25 10:38	1	AMF
cis-1,2-Dichloroethene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
trans-1,2-Dichloroethene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
1,2-Dichloropropane	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
1,3-Dichloropropane	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
2,2-Dichloropropane	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
1,1-Dichloropropene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
cis-1,3-Dichloropropene	<0.50		0.50	ug/L		05/13/25 10:38	1	AMF
trans-1,3-Dichloropropene	<0.50		0.50	ug/L		05/13/25 10:38	1	AMF
Ethylbenzene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
Hexachlorobutadiene	<0.50		0.50	ug/L		05/13/25 10:38	1	AMF
2-Hexanone	<10		10	ug/L		05/13/25 10:38	1	AMF
Isopropylbenzene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
p-Isopropyltoluene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
4-Methyl-2-pentanone (MIBK)	<10		10	ug/L		05/13/25 10:38	1	AMF
Methylene Chloride	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
Naphthalene	<2.0		2.0	ug/L		05/13/25 10:38	1	AMF
N-Propylbenzene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
Styrene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF

Eurofins Concord

Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: Trip Blank

Date Collected: 05/08/25 07:30

Date Received: 05/09/25 08:00

Lab Sample ID: 475-4219-1

Matrix: Water

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
1,1,1,2-Tetrachloroethane	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
Tetrachloroethene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
Toluene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
1,2,3-Trichlorobenzene	<0.50		0.50	ug/L		05/13/25 10:38	1	AMF
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
1,3,5-Trichlorobenzene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
1,1,1-Trichloroethane	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
1,1,2-Trichloroethane	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
Trichloroethene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
Trichlorofluoromethane	<2.0		2.0	ug/L		05/13/25 10:38	1	AMF
1,2,3-Trichloropropane	<0.50		0.50	ug/L		05/13/25 10:38	1	AMF
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
Vinyl chloride	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
m,p-Xylene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
o-Xylene	<1.0		1.0	ug/L		05/13/25 10:38	1	AMF
Tetrahydrofuran (THF)	<10		10	ug/L		05/13/25 10:38	1	AMF
Diethyl ether	<2.0		2.0	ug/L		05/13/25 10:38	1	AMF
tert-Amyl Methyl Ether (TAME)	<2.0		2.0	ug/L		05/13/25 10:38	1	AMF
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L		05/13/25 10:38	1	AMF
tert-Butyl alcohol (TBA)	<30		30	ug/L		05/13/25 10:38	1	AMF
1,4-Dioxane	<50		50	ug/L		05/13/25 10:38	1	AMF
Isopropyl Ether (DIPE)	<2.0		2.0	ug/L		05/13/25 10:38	1	AMF
Surrogate	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	97		70 - 130			05/13/25 10:38	1	AMF
Toluene-d8 (Surr)	104		70 - 130			05/13/25 10:38	1	AMF
1,2-Dichloroethane-d4 (Surr)	106		70 - 130			05/13/25 10:38	1	AMF
1,2-Dichlorobenzene-d4 (Surr)	102		70 - 130			05/13/25 10:38	1	AMF

Client Sample ID: FD01-20250508

Date Collected: 05/08/25 07:00

Date Received: 05/09/25 08:00

Lab Sample ID: 475-4219-2

Matrix: Water

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<10		10	ug/L		05/13/25 11:53	1	AMF
Benzene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
Bromobenzene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
Bromochloromethane	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
Bromodichloromethane	<0.50		0.50	ug/L		05/13/25 11:53	1	AMF
Bromoform	<2.0		2.0	ug/L		05/13/25 11:53	1	AMF
Bromomethane	<2.0		2.0	ug/L		05/13/25 11:53	1	AMF
2-Butanone (MEK)	<10		10	ug/L		05/13/25 11:53	1	AMF
n-Butylbenzene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
sec-Butylbenzene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
tert-Butylbenzene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
Carbon disulfide	<2.0		2.0	ug/L		05/13/25 11:53	1	AMF
Carbon tetrachloride	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF

Eurofins Concord

Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: FD01-20250508

Lab Sample ID: 475-4219-2

Date Collected: 05/08/25 07:00

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Chlorobenzene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
Chloroethane	<2.0		2.0	ug/L		05/13/25 11:53	1	AMF
Chloroform	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
Chloromethane	<2.0		2.0	ug/L		05/13/25 11:53	1	AMF
2-Chlorotoluene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
4-Chlorotoluene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
1,2-Dibromo-3-Chloropropane	<2.0		2.0	ug/L		05/13/25 11:53	1	AMF
Dibromochloromethane	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
1,2-Dibromoethane (EDB)	<0.50		0.50	ug/L		05/13/25 11:53	1	AMF
Dibromomethane	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
1,2-Dichlorobenzene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
1,3-Dichlorobenzene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
1,4-Dichlorobenzene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
Dichlorodifluoromethane	<2.0		2.0	ug/L		05/13/25 11:53	1	AMF
1,1-Dichloroethane	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
1,2-Dichloroethane	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
1,1-Dichloroethene	<0.50		0.50	ug/L		05/13/25 11:53	1	AMF
cis-1,2-Dichloroethene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
trans-1,2-Dichloroethene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
1,2-Dichloropropane	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
1,3-Dichloropropane	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
2,2-Dichloropropane	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
1,1-Dichloropropene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
cis-1,3-Dichloropropene	<0.50		0.50	ug/L		05/13/25 11:53	1	AMF
trans-1,3-Dichloropropene	<0.50		0.50	ug/L		05/13/25 11:53	1	AMF
Ethylbenzene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
Hexachlorobutadiene	<0.50		0.50	ug/L		05/13/25 11:53	1	AMF
2-Hexanone	<10		10	ug/L		05/13/25 11:53	1	AMF
Isopropylbenzene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
p-Isopropyltoluene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
4-Methyl-2-pentanone (MIBK)	<10		10	ug/L		05/13/25 11:53	1	AMF
Methylene Chloride	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
Naphthalene	<2.0		2.0	ug/L		05/13/25 11:53	1	AMF
N-Propylbenzene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
Styrene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
1,1,1,2-Tetrachloroethane	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
Tetrachloroethene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
Toluene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
1,2,3-Trichlorobenzene	<0.50		0.50	ug/L		05/13/25 11:53	1	AMF
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
1,3,5-Trichlorobenzene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
1,1,1-Trichloroethane	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
1,1,2-Trichloroethane	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
Trichloroethene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
Trichlorofluoromethane	<2.0		2.0	ug/L		05/13/25 11:53	1	AMF
1,2,3-Trichloropropane	<0.50		0.50	ug/L		05/13/25 11:53	1	AMF
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: FD01-20250508

Lab Sample ID: 475-4219-2

Date Collected: 05/08/25 07:00

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
Vinyl chloride	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
m,p-Xylene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
o-Xylene	<1.0		1.0	ug/L		05/13/25 11:53	1	AMF
Tetrahydrofuran (THF)	<10		10	ug/L		05/13/25 11:53	1	AMF
Diethyl ether	<2.0		2.0	ug/L		05/13/25 11:53	1	AMF
tert-Amyl Methyl Ether (TAME)	<2.0		2.0	ug/L		05/13/25 11:53	1	AMF
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L		05/13/25 11:53	1	AMF
tert-Butyl alcohol (TBA)	<30		30	ug/L		05/13/25 11:53	1	AMF
1,4-Dioxane	<50		50	ug/L		05/13/25 11:53	1	AMF
Isopropyl Ether (DIPE)	<2.0		2.0	ug/L		05/13/25 11:53	1	AMF

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	101		70 - 130	05/13/25 11:53	1	AMF
Toluene-d8 (Surr)	104		70 - 130	05/13/25 11:53	1	AMF
1,2-Dichloroethane-d4 (Surr)	101		70 - 130	05/13/25 11:53	1	AMF
1,2-Dichlorobenzene-d4 (Surr)	126		70 - 130	05/13/25 11:53	1	AMF

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Phenol	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
2-Chlorophenol	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
2,4-Dichlorophenol	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
2,4,5-Trichlorophenol	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
2,4,6-Trichlorophenol	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
Pentachlorophenol	<5.4		5.4	ug/L		05/12/25 14:53	1	JMR
2-Nitrophenol	<5.4		5.4	ug/L		05/12/25 14:53	1	JMR
4-Nitrophenol	<5.4		5.4	ug/L		05/12/25 14:53	1	JMR
2,4-Dinitrophenol	<11		11	ug/L		05/12/25 14:53	1	JMR
2-Methylphenol	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
3/4-Methylphenol	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
2,4-Dimethylphenol	<5.4		5.4	ug/L		05/12/25 14:53	1	JMR
4-Chloro-3-methylphenol	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
4,6-Dinitro-2-methylphenol	<5.4		5.4	ug/L		05/12/25 14:53	1	JMR
N-Nitroso-di-n-propylamine	<0.54		0.54	ug/L		05/12/25 14:53	1	JMR
N-Nitrosodiphenylamine	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
Bis(2-chloroethyl)ether	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
bis(2-chloroisopropyl) ether	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
Bis(2-chloroethoxy)methane	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
1,3-Dichlorobenzene	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
1,4-Dichlorobenzene	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
1,2-Dichlorobenzene	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
1,2,4-Trichlorobenzene	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
2-Chloronaphthalene	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
4-Chlorophenyl-phenylether	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
4-Bromophenyl-phenylether	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
Hexachloroethane	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
Hexachlorobutadiene	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
Hexachlorocyclopentadiene	<5.4		5.4	ug/L		05/12/25 14:53	1	JMR
Hexachlorobenzene	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR

Eurofins Concord

Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: FD01-20250508

Lab Sample ID: 475-4219-2

Date Collected: 05/08/25 07:00

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
4-Chloroaniline	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
2-Nitroaniline	<5.4		5.4	ug/L		05/12/25 14:53	1	JMR
3-Nitroaniline	<5.4		5.4	ug/L		05/12/25 14:53	1	JMR
4-Nitroaniline	<5.4		5.4	ug/L		05/12/25 14:53	1	JMR
Nitrobenzene	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
Isophorone	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
2,4-Dinitrotoluene	<2.2		2.2	ug/L		05/12/25 14:53	1	JMR
2,6-Dinitrotoluene	<2.2		2.2	ug/L		05/12/25 14:53	1	JMR
3,3'-Dichlorobenzidine	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
Carbazole	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
Dimethylphthalate	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
Diethylphthalate	<5.4		5.4	ug/L		05/12/25 14:53	1	JMR
Di-n-butylphthalate	<5.4		5.4	ug/L		05/12/25 14:53	1	JMR
Butylbenzylphthalate	<5.4		5.4	ug/L		05/12/25 14:53	1	JMR
Bis(2-ethylhexyl)phthalate	<5.4		5.4	ug/L		05/12/25 14:53	1	JMR
Di-n-octylphthalate	<5.4		5.4	ug/L		05/12/25 14:53	1	JMR
Dibenzofuran	<1.1		1.1	ug/L		05/12/25 14:53	1	JMR
Naphthalene	<0.11		0.11	ug/L		05/12/25 14:53	1	JMR
2-Methylnaphthalene	<0.11		0.11	ug/L		05/12/25 14:53	1	JMR
Acenaphthylene	<0.11		0.11	ug/L		05/12/25 14:53	1	JMR
Acenaphthene	<0.11		0.11	ug/L		05/12/25 14:53	1	JMR
Fluorene	<0.11		0.11	ug/L		05/12/25 14:53	1	JMR
Phenanthrene	<0.11		0.11	ug/L		05/12/25 14:53	1	JMR
Anthracene	<0.11		0.11	ug/L		05/12/25 14:53	1	JMR
Fluoranthene	<0.11		0.11	ug/L		05/12/25 14:53	1	JMR
Pyrene	<0.11		0.11	ug/L		05/12/25 14:53	1	JMR
Benzo[a]anthracene	<0.11		0.11	ug/L		05/12/25 14:53	1	JMR
Chrysene	<0.11		0.11	ug/L		05/12/25 14:53	1	JMR
Benzo[b]fluoranthene	<0.11		0.11	ug/L		05/12/25 14:53	1	JMR
Benzo[k]fluoranthene	<0.11		0.11	ug/L		05/12/25 14:53	1	JMR
Benzo[a]pyrene	<0.11		0.11	ug/L		05/12/25 14:53	1	JMR
Indeno[1,2,3-cd]pyrene	<0.11		0.11	ug/L		05/12/25 14:53	1	JMR
Dibenz[a,h]anthracene	<0.11		0.11	ug/L		05/12/25 14:53	1	JMR
Benzo[g,h,i]perylene	<0.11		0.11	ug/L		05/12/25 14:53	1	JMR

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
2-Fluorophenol (Surr)	34		15 - 110	05/12/25 14:53	1	JMR
Phenol-d6 (Surr)	22		15 - 110	05/12/25 14:53	1	JMR
2,4,6-Tribromophenol (Surr)	74		15 - 110	05/12/25 14:53	1	JMR
Nitrobenzene-d5 (Surr)	56		30 - 130	05/12/25 14:53	1	JMR
2-Fluorobiphenyl (Surr)	60		30 - 130	05/12/25 14:53	1	JMR
p-Terphenyl-d14 (Surr)	61		30 - 130	05/12/25 14:53	1	JMR

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Aldrin	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
alpha-BHC	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
beta-BHC	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
Lindane (gamma-BHC)	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
delta-BHC	<0.055		0.055	ug/L		05/13/25 15:11	1	MB

Eurofins Concord

Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: FD01-20250508

Lab Sample ID: 475-4219-2

Date Collected: 05/08/25 07:00

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
alpha-Chlordane	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
gamma-Chlordane	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
4,4'-DDT	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
4,4'-DDE	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
4,4'-DDD	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
Dieldrin	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
Endosulfan I	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
Endosulfan II	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
Endosulfan sulfate	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
Endrin	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
Endrin aldehyde	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
Endrin ketone	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
Heptachlor	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
Heptachlor epoxide	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
Methoxychlor	<0.055		0.055	ug/L		05/13/25 15:11	1	MB
Chlordane (technical)	<0.11		0.11	ug/L		05/13/25 15:11	1	MB
Toxaphene	<0.55		0.55	ug/L		05/13/25 15:11	1	MB

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
Tetrachloro-m-xylene	98		30 - 150	05/13/25 15:11	1	MB
DCB Decachlorobiphenyl (Surr)	100		30 - 150	05/13/25 15:11	1	MB

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Perfluorohexanoic acid (PFHxA)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluoroheptanoic acid (PFHpA)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluorooctanoic acid (PFOA)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluorononanoic acid (PFNA)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluorodecanoic acid (PFDA)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluorotridecanoic acid (PFTrDA)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluorotetradecanoic acid (PFTeDA)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluorobutanesulfonic acid (PFBS)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluorohexanesulfonic acid (PFHxS)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluorooctanesulfonic acid (PFOS)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
N-ethylperfluorooctanesulfonamidoacetic acid (NETFOSAA)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluoropentanesulfonic acid (PFPeS)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluoroheptanesulfonic acid (PFHpS)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluorononanesulfonic acid (PFNS)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluorodecanesulfonic acid (PFDS)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluorododecanesulfonic acid (PFDoS)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluorooctanesulfonamide (PFOSA)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluoro-n-hexadecanoic acid (PFHxDA)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: FD01-20250508

Lab Sample ID: 475-4219-2

Date Collected: 05/08/25 07:00

Matrix: Water

Date Received: 05/09/25 08:00

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Perfluoro-n-octadecanoic acid (PFODA)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluorobutanoic acid (PFBA)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluoropentanoic acid (PFPeA)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
N-methylperfluorooctane sulfonamide (NMeFOSA)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluorododecanoic acid (PFDoA)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
Perfluoroundecanoic acid (PFUnA)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<1.7		1.7	ng/L		05/16/25 16:14	1	DSU6

Isotope Dilution	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
13C2-4:2 FTS	98		20 - 200	05/16/25 16:14	1	DSU6
13C2-8:2 FTS	91		27 - 200	05/16/25 16:14	1	DSU6
13C2-6:2 FTS	83		26 - 200	05/16/25 16:14	1	DSU6
13C5-PFHxA	90		20 - 165	05/16/25 16:14	1	DSU6
13C4-PFHpA	90		33 - 166	05/16/25 16:14	1	DSU6
13C8-PFOA	88		40 - 154	05/16/25 16:14	1	DSU6
13C9-PFNA	100		39 - 162	05/16/25 16:14	1	DSU6
13C6-PFDA	96		41 - 153	05/16/25 16:14	1	DSU6
13C7-PFUnA	93		35 - 161	05/16/25 16:14	1	DSU6
13C2-PFDoA	83		25 - 163	05/16/25 16:14	1	DSU6
13C2-PFTeDA	85		17 - 156	05/16/25 16:14	1	DSU6
13C3-PFBS	95		27 - 200	05/16/25 16:14	1	DSU6
13C3-PFHxS	90		39 - 164	05/16/25 16:14	1	DSU6
13C8-PFOS	96		44 - 153	05/16/25 16:14	1	DSU6
d3-NMeFOSAA	90		29 - 167	05/16/25 16:14	1	DSU6
d5-NEtFOSAA	104		30 - 180	05/16/25 16:14	1	DSU6
13C8-PFOSA	70		11 - 149	05/16/25 16:14	1	DSU6
13C4-PFBA	85		10 - 168	05/16/25 16:14	1	DSU6
13C5-PFPeA	88		15 - 189	05/16/25 16:14	1	DSU6
d7-N-MeFOSE-M	78		10 - 154	05/16/25 16:14	1	DSU6
d3-NMePFOSA	61		10 - 130	05/16/25 16:14	1	DSU6
d9-N-EtFOSE-M	75		10 - 146	05/16/25 16:14	1	DSU6
d5-NEtPFOSA	62		10 - 130	05/16/25 16:14	1	DSU6

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Arsenic	<0.0010		0.0010	mg/L		05/10/25 05:02	1	DS
Barium	0.0039		0.0010	mg/L		05/10/25 05:02	1	DS
Cadmium	<0.0010		0.0010	mg/L		05/10/25 05:02	1	DS
Chromium	<0.0010		0.0010	mg/L		05/10/25 05:02	1	DS

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: FD01-20250508

Date Collected: 05/08/25 07:00

Date Received: 05/09/25 08:00

Lab Sample ID: 475-4219-2

Matrix: Water

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Lead	<0.0010		0.0010	mg/L		05/10/25 05:02	1	DS
Selenium	<0.0010		0.0010	mg/L		05/10/25 05:02	1	DS
Silver	<0.0010		0.0010	mg/L		05/10/25 05:02	1	DS
Mercury	<0.00010		0.00010	mg/L		05/10/25 05:02	1	DS

Client Sample ID: MW1-20250508

Date Collected: 05/08/25 11:50

Date Received: 05/09/25 08:00

Lab Sample ID: 475-4219-3

Matrix: Water

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<10		10	ug/L		05/13/25 12:17	1	AMF
Benzene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
Bromobenzene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
Bromochloromethane	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
Bromodichloromethane	<0.50		0.50	ug/L		05/13/25 12:17	1	AMF
Bromoform	<2.0		2.0	ug/L		05/13/25 12:17	1	AMF
Bromomethane	<2.0		2.0	ug/L		05/13/25 12:17	1	AMF
2-Butanone (MEK)	<10		10	ug/L		05/13/25 12:17	1	AMF
n-Butylbenzene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
sec-Butylbenzene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
tert-Butylbenzene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
Carbon disulfide	<2.0		2.0	ug/L		05/13/25 12:17	1	AMF
Carbon tetrachloride	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
Chlorobenzene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
Chloroethane	<2.0		2.0	ug/L		05/13/25 12:17	1	AMF
Chloroform	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
Chloromethane	<2.0		2.0	ug/L		05/13/25 12:17	1	AMF
2-Chlorotoluene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
4-Chlorotoluene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
1,2-Dibromo-3-Chloropropane	<2.0		2.0	ug/L		05/13/25 12:17	1	AMF
Dibromochloromethane	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
1,2-Dibromoethane (EDB)	<0.50		0.50	ug/L		05/13/25 12:17	1	AMF
Dibromomethane	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
1,2-Dichlorobenzene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
1,3-Dichlorobenzene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
1,4-Dichlorobenzene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
Dichlorodifluoromethane	<2.0		2.0	ug/L		05/13/25 12:17	1	AMF
1,1-Dichloroethane	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
1,2-Dichloroethane	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
1,1-Dichloroethene	<0.50		0.50	ug/L		05/13/25 12:17	1	AMF
cis-1,2-Dichloroethene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
trans-1,2-Dichloroethene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
1,2-Dichloropropane	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
1,3-Dichloropropane	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
2,2-Dichloropropane	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
1,1-Dichloropropene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
cis-1,3-Dichloropropene	<0.50		0.50	ug/L		05/13/25 12:17	1	AMF
trans-1,3-Dichloropropene	<0.50		0.50	ug/L		05/13/25 12:17	1	AMF
Ethylbenzene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW1-20250508

Lab Sample ID: 475-4219-3

Date Collected: 05/08/25 11:50

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Hexachlorobutadiene	<0.50		0.50	ug/L		05/13/25 12:17	1	AMF
2-Hexanone	<10		10	ug/L		05/13/25 12:17	1	AMF
Isopropylbenzene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
p-Isopropyltoluene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
4-Methyl-2-pentanone (MIBK)	<10		10	ug/L		05/13/25 12:17	1	AMF
Methylene Chloride	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
Naphthalene	<2.0		2.0	ug/L		05/13/25 12:17	1	AMF
N-Propylbenzene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
Styrene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
1,1,1,2-Tetrachloroethane	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
Tetrachloroethene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
Toluene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
1,2,3-Trichlorobenzene	<0.50		0.50	ug/L		05/13/25 12:17	1	AMF
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
1,3,5-Trichlorobenzene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
1,1,1-Trichloroethane	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
1,1,2-Trichloroethane	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
Trichloroethene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
Trichlorofluoromethane	<2.0		2.0	ug/L		05/13/25 12:17	1	AMF
1,2,3-Trichloropropane	<0.50		0.50	ug/L		05/13/25 12:17	1	AMF
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
Vinyl chloride	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
m,p-Xylene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
o-Xylene	<1.0		1.0	ug/L		05/13/25 12:17	1	AMF
Tetrahydrofuran (THF)	<10		10	ug/L		05/13/25 12:17	1	AMF
Diethyl ether	<2.0		2.0	ug/L		05/13/25 12:17	1	AMF
tert-Amyl Methyl Ether (TAME)	<2.0		2.0	ug/L		05/13/25 12:17	1	AMF
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L		05/13/25 12:17	1	AMF
tert-Butyl alcohol (TBA)	<30		30	ug/L		05/13/25 12:17	1	AMF
1,4-Dioxane	<50		50	ug/L		05/13/25 12:17	1	AMF
Isopropyl Ether (DIPE)	<2.0		2.0	ug/L		05/13/25 12:17	1	AMF

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	101		70 - 130	05/13/25 12:17	1	AMF
Toluene-d8 (Surr)	104		70 - 130	05/13/25 12:17	1	AMF
1,2-Dichloroethane-d4 (Surr)	102		70 - 130	05/13/25 12:17	1	AMF
1,2-Dichlorobenzene-d4 (Surr)	100		70 - 130	05/13/25 12:17	1	AMF

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Phenol	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
2-Chlorophenol	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
2,4-Dichlorophenol	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
2,4,5-Trichlorophenol	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
2,4,6-Trichlorophenol	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
Pentachlorophenol	<5.2		5.2	ug/L		05/12/25 15:15	1	JMR
2-Nitrophenol	<5.2		5.2	ug/L		05/12/25 15:15	1	JMR

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW1-20250508

Lab Sample ID: 475-4219-3

Date Collected: 05/08/25 11:50

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
4-Nitrophenol	<5.2		5.2	ug/L		05/12/25 15:15	1	JMR
2,4-Dinitrophenol	<10		10	ug/L		05/12/25 15:15	1	JMR
2-Methylphenol	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
3/4-Methylphenol	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
2,4-Dimethylphenol	<5.2		5.2	ug/L		05/12/25 15:15	1	JMR
4-Chloro-3-methylphenol	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
4,6-Dinitro-2-methylphenol	<5.2		5.2	ug/L		05/12/25 15:15	1	JMR
N-Nitroso-di-n-propylamine	<0.52		0.52	ug/L		05/12/25 15:15	1	JMR
N-Nitrosodiphenylamine	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
Bis(2-chloroethyl)ether	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
bis(2-chloroisopropyl) ether	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
Bis(2-chloroethoxy)methane	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
1,3-Dichlorobenzene	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
1,4-Dichlorobenzene	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
1,2-Dichlorobenzene	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
2-Chloronaphthalene	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
4-Chlorophenyl-phenylether	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
4-Bromophenyl-phenylether	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
Hexachloroethane	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
Hexachlorobutadiene	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
Hexachlorocyclopentadiene	<5.2		5.2	ug/L		05/12/25 15:15	1	JMR
Hexachlorobenzene	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
4-Chloroaniline	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
2-Nitroaniline	<5.2		5.2	ug/L		05/12/25 15:15	1	JMR
3-Nitroaniline	<5.2		5.2	ug/L		05/12/25 15:15	1	JMR
4-Nitroaniline	<5.2		5.2	ug/L		05/12/25 15:15	1	JMR
Nitrobenzene	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
Isophorone	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
2,4-Dinitrotoluene	<2.1		2.1	ug/L		05/12/25 15:15	1	JMR
2,6-Dinitrotoluene	<2.1		2.1	ug/L		05/12/25 15:15	1	JMR
3,3'-Dichlorobenzidine	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
Carbazole	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
Dimethylphthalate	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
Diethylphthalate	<5.2		5.2	ug/L		05/12/25 15:15	1	JMR
Di-n-butylphthalate	<5.2		5.2	ug/L		05/12/25 15:15	1	JMR
Butylbenzylphthalate	<5.2		5.2	ug/L		05/12/25 15:15	1	JMR
Bis(2-ethylhexyl)phthalate	<5.2		5.2	ug/L		05/12/25 15:15	1	JMR
Di-n-octylphthalate	<5.2		5.2	ug/L		05/12/25 15:15	1	JMR
Dibenzofuran	<1.0		1.0	ug/L		05/12/25 15:15	1	JMR
Naphthalene	<0.10		0.10	ug/L		05/12/25 15:15	1	JMR
2-Methylnaphthalene	<0.10		0.10	ug/L		05/12/25 15:15	1	JMR
Acenaphthylene	<0.10		0.10	ug/L		05/12/25 15:15	1	JMR
Acenaphthene	<0.10		0.10	ug/L		05/12/25 15:15	1	JMR
Fluorene	<0.10		0.10	ug/L		05/12/25 15:15	1	JMR
Phenanthrene	<0.10		0.10	ug/L		05/12/25 15:15	1	JMR
Anthracene	<0.10		0.10	ug/L		05/12/25 15:15	1	JMR
Fluoranthene	<0.10		0.10	ug/L		05/12/25 15:15	1	JMR
Pyrene	<0.10		0.10	ug/L		05/12/25 15:15	1	JMR

Eurofins Concord

Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW1-20250508

Lab Sample ID: 475-4219-3

Date Collected: 05/08/25 11:50

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Benzo[a]anthracene	<0.10		0.10	ug/L		05/12/25 15:15	1	JMR
Chrysene	<0.10		0.10	ug/L		05/12/25 15:15	1	JMR
Benzo[b]fluoranthene	<0.10		0.10	ug/L		05/12/25 15:15	1	JMR
Benzo[k]fluoranthene	<0.10		0.10	ug/L		05/12/25 15:15	1	JMR
Benzo[a]pyrene	<0.10		0.10	ug/L		05/12/25 15:15	1	JMR
Indeno[1,2,3-cd]pyrene	<0.10		0.10	ug/L		05/12/25 15:15	1	JMR
Dibenz[a,h]anthracene	<0.10		0.10	ug/L		05/12/25 15:15	1	JMR
Benzo[g,h,i]perylene	<0.10		0.10	ug/L		05/12/25 15:15	1	JMR

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
2-Fluorophenol (Surr)	34		15 - 110	05/12/25 15:15	1	JMR
Phenol-d6 (Surr)	22		15 - 110	05/12/25 15:15	1	JMR
2,4,6-Tribromophenol (Surr)	82		15 - 110	05/12/25 15:15	1	JMR
Nitrobenzene-d5 (Surr)	61		30 - 130	05/12/25 15:15	1	JMR
2-Fluorobiphenyl (Surr)	65		30 - 130	05/12/25 15:15	1	JMR
p-Terphenyl-d14 (Surr)	65		30 - 130	05/12/25 15:15	1	JMR

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Aldrin	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
alpha-BHC	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
beta-BHC	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
Lindane (gamma-BHC)	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
delta-BHC	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
alpha-Chlordane	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
gamma-Chlordane	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
4,4'-DDT	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
4,4'-DDE	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
4,4'-DDD	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
Dieldrin	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
Endosulfan I	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
Endosulfan II	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
Endosulfan sulfate	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
Endrin	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
Endrin aldehyde	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
Endrin ketone	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
Heptachlor	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
Heptachlor epoxide	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
Methoxychlor	<0.053		0.053	ug/L		05/13/25 15:20	1	MB
Chlordane (technical)	<0.11		0.11	ug/L		05/13/25 15:20	1	MB
Toxaphene	<0.53		0.53	ug/L		05/13/25 15:20	1	MB

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
Tetrachloro-m-xylene	89		30 - 150	05/13/25 15:20	1	MB
DCB Decachlorobiphenyl (Surr)	95		30 - 150	05/13/25 15:20	1	MB

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Arsenic	<0.0010		0.0010	mg/L		05/10/25 05:09	1	DS
Barium	0.0023		0.0010	mg/L		05/10/25 05:09	1	DS

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW1-20250508

Date Collected: 05/08/25 11:50

Date Received: 05/09/25 08:00

Lab Sample ID: 475-4219-3

Matrix: Water

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Cadmium	<0.0010		0.0010	mg/L		05/10/25 05:09	1	DS
Chromium	<0.0010		0.0010	mg/L		05/10/25 05:09	1	DS
Lead	<0.0010		0.0010	mg/L		05/10/25 05:09	1	DS
Selenium	<0.0010		0.0010	mg/L		05/10/25 05:09	1	DS
Silver	<0.0010		0.0010	mg/L		05/10/25 05:09	1	DS
Mercury	<0.00010		0.00010	mg/L		05/10/25 05:09	1	DS

Client Sample ID: MW2-20250508

Date Collected: 05/08/25 13:40

Date Received: 05/09/25 08:00

Lab Sample ID: 475-4219-4

Matrix: Water

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<10		10	ug/L		05/13/25 12:42	1	AMF
Benzene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
Bromobenzene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
Bromochloromethane	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
Bromodichloromethane	<0.50		0.50	ug/L		05/13/25 12:42	1	AMF
Bromoform	<2.0		2.0	ug/L		05/13/25 12:42	1	AMF
Bromomethane	<2.0		2.0	ug/L		05/13/25 12:42	1	AMF
2-Butanone (MEK)	<10		10	ug/L		05/13/25 12:42	1	AMF
n-Butylbenzene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
sec-Butylbenzene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
tert-Butylbenzene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
Carbon disulfide	<2.0		2.0	ug/L		05/13/25 12:42	1	AMF
Carbon tetrachloride	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
Chlorobenzene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
Chloroethane	<2.0		2.0	ug/L		05/13/25 12:42	1	AMF
Chloroform	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
Chloromethane	<2.0		2.0	ug/L		05/13/25 12:42	1	AMF
2-Chlorotoluene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
4-Chlorotoluene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
1,2-Dibromo-3-Chloropropane	<2.0		2.0	ug/L		05/13/25 12:42	1	AMF
Dibromochloromethane	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
1,2-Dibromoethane (EDB)	<0.50		0.50	ug/L		05/13/25 12:42	1	AMF
Dibromomethane	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
1,2-Dichlorobenzene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
1,3-Dichlorobenzene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
1,4-Dichlorobenzene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
Dichlorodifluoromethane	<2.0		2.0	ug/L		05/13/25 12:42	1	AMF
1,1-Dichloroethane	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
1,2-Dichloroethane	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
1,1-Dichloroethene	<0.50		0.50	ug/L		05/13/25 12:42	1	AMF
cis-1,2-Dichloroethene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
trans-1,2-Dichloroethene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
1,2-Dichloropropane	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
1,3-Dichloropropane	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
2,2-Dichloropropane	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
1,1-Dichloropropene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
cis-1,3-Dichloropropene	<0.50		0.50	ug/L		05/13/25 12:42	1	AMF

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW2-20250508

Lab Sample ID: 475-4219-4

Date Collected: 05/08/25 13:40

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
trans-1,3-Dichloropropene	<0.50		0.50	ug/L		05/13/25 12:42	1	AMF
Ethylbenzene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
Hexachlorobutadiene	<0.50		0.50	ug/L		05/13/25 12:42	1	AMF
2-Hexanone	<10		10	ug/L		05/13/25 12:42	1	AMF
Isopropylbenzene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
p-Isopropyltoluene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
4-Methyl-2-pentanone (MIBK)	<10		10	ug/L		05/13/25 12:42	1	AMF
Methylene Chloride	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
Naphthalene	<2.0		2.0	ug/L		05/13/25 12:42	1	AMF
N-Propylbenzene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
Styrene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
1,1,1,2-Tetrachloroethane	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
1,1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
Tetrachloroethene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
Toluene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
1,2,3-Trichlorobenzene	<0.50		0.50	ug/L		05/13/25 12:42	1	AMF
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
1,3,5-Trichlorobenzene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
1,1,1-Trichloroethane	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
1,1,2-Trichloroethane	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
Trichloroethene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
Trichlorofluoromethane	<2.0		2.0	ug/L		05/13/25 12:42	1	AMF
1,2,3-Trichloropropane	<0.50		0.50	ug/L		05/13/25 12:42	1	AMF
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
Vinyl chloride	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
m,p-Xylene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
o-Xylene	<1.0		1.0	ug/L		05/13/25 12:42	1	AMF
Tetrahydrofuran (THF)	<10		10	ug/L		05/13/25 12:42	1	AMF
Diethyl ether	<2.0		2.0	ug/L		05/13/25 12:42	1	AMF
tert-Amyl Methyl Ether (TAME)	<2.0		2.0	ug/L		05/13/25 12:42	1	AMF
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L		05/13/25 12:42	1	AMF
tert-Butyl alcohol (TBA)	<30		30	ug/L		05/13/25 12:42	1	AMF
1,4-Dioxane	<50		50	ug/L		05/13/25 12:42	1	AMF
Isopropyl Ether (DIPE)	<2.0		2.0	ug/L		05/13/25 12:42	1	AMF

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	100		70 - 130	05/13/25 12:42	1	AMF
Toluene-d8 (Surr)	104		70 - 130	05/13/25 12:42	1	AMF
1,2-Dichloroethane-d4 (Surr)	102		70 - 130	05/13/25 12:42	1	AMF
1,2-Dichlorobenzene-d4 (Surr)	100		70 - 130	05/13/25 12:42	1	AMF

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Phenol	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
2-Chlorophenol	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
2,4-Dichlorophenol	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
2,4,5-Trichlorophenol	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
2,4,6-Trichlorophenol	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR

Eurofins Concord

Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW2-20250508

Lab Sample ID: 475-4219-4

Date Collected: 05/08/25 13:40

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Pentachlorophenol	<5.3		5.3	ug/L		05/12/25 15:37	1	JMR
2-Nitrophenol	<5.3		5.3	ug/L		05/12/25 15:37	1	JMR
4-Nitrophenol	<5.3		5.3	ug/L		05/12/25 15:37	1	JMR
2,4-Dinitrophenol	<11		11	ug/L		05/12/25 15:37	1	JMR
2-Methylphenol	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
3/4-Methylphenol	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
2,4-Dimethylphenol	<5.3		5.3	ug/L		05/12/25 15:37	1	JMR
4-Chloro-3-methylphenol	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
4,6-Dinitro-2-methylphenol	<5.3		5.3	ug/L		05/12/25 15:37	1	JMR
N-Nitroso-di-n-propylamine	<0.53		0.53	ug/L		05/12/25 15:37	1	JMR
N-Nitrosodiphenylamine	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
Bis(2-chloroethyl)ether	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
bis(2-chloroisopropyl) ether	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
Bis(2-chloroethoxy)methane	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
1,3-Dichlorobenzene	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
1,4-Dichlorobenzene	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
1,2-Dichlorobenzene	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
1,2,4-Trichlorobenzene	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
2-Chloronaphthalene	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
4-Chlorophenyl-phenylether	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
4-Bromophenyl-phenylether	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
Hexachloroethane	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
Hexachlorobutadiene	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
Hexachlorocyclopentadiene	<5.3		5.3	ug/L		05/12/25 15:37	1	JMR
Hexachlorobenzene	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
4-Chloroaniline	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
2-Nitroaniline	<5.3		5.3	ug/L		05/12/25 15:37	1	JMR
3-Nitroaniline	<5.3		5.3	ug/L		05/12/25 15:37	1	JMR
4-Nitroaniline	<5.3		5.3	ug/L		05/12/25 15:37	1	JMR
Nitrobenzene	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
Isophorone	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
2,4-Dinitrotoluene	<2.1		2.1	ug/L		05/12/25 15:37	1	JMR
2,6-Dinitrotoluene	<2.1		2.1	ug/L		05/12/25 15:37	1	JMR
3,3'-Dichlorobenzidine	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
Carbazole	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
Dimethylphthalate	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
Diethylphthalate	<5.3		5.3	ug/L		05/12/25 15:37	1	JMR
Di-n-butylphthalate	<5.3		5.3	ug/L		05/12/25 15:37	1	JMR
Butylbenzylphthalate	<5.3		5.3	ug/L		05/12/25 15:37	1	JMR
Bis(2-ethylhexyl)phthalate	<5.3		5.3	ug/L		05/12/25 15:37	1	JMR
Di-n-octylphthalate	<5.3		5.3	ug/L		05/12/25 15:37	1	JMR
Dibenzofuran	<1.1		1.1	ug/L		05/12/25 15:37	1	JMR
Naphthalene	<0.11		0.11	ug/L		05/12/25 15:37	1	JMR
2-Methylnaphthalene	<0.11		0.11	ug/L		05/12/25 15:37	1	JMR
Acenaphthylene	<0.11		0.11	ug/L		05/12/25 15:37	1	JMR
Acenaphthene	<0.11		0.11	ug/L		05/12/25 15:37	1	JMR
Fluorene	<0.11		0.11	ug/L		05/12/25 15:37	1	JMR
Phenanthrene	<0.11		0.11	ug/L		05/12/25 15:37	1	JMR
Anthracene	<0.11		0.11	ug/L		05/12/25 15:37	1	JMR

Eurofins Concord

Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW2-20250508

Lab Sample ID: 475-4219-4

Date Collected: 05/08/25 13:40

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Fluoranthene	<0.11		0.11	ug/L		05/12/25 15:37	1	JMR
Pyrene	<0.11		0.11	ug/L		05/12/25 15:37	1	JMR
Benzo[a]anthracene	<0.11		0.11	ug/L		05/12/25 15:37	1	JMR
Chrysene	<0.11		0.11	ug/L		05/12/25 15:37	1	JMR
Benzo[b]fluoranthene	<0.11		0.11	ug/L		05/12/25 15:37	1	JMR
Benzo[k]fluoranthene	<0.11		0.11	ug/L		05/12/25 15:37	1	JMR
Benzo[a]pyrene	<0.11		0.11	ug/L		05/12/25 15:37	1	JMR
Indeno[1,2,3-cd]pyrene	<0.11		0.11	ug/L		05/12/25 15:37	1	JMR
Dibenz[a,h]anthracene	<0.11		0.11	ug/L		05/12/25 15:37	1	JMR
Benzo[g,h,i]perylene	<0.11		0.11	ug/L		05/12/25 15:37	1	JMR

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
2-Fluorophenol (Surr)	31		15 - 110	05/12/25 15:37	1	JMR
Phenol-d6 (Surr)	21		15 - 110	05/12/25 15:37	1	JMR
2,4,6-Tribromophenol (Surr)	76		15 - 110	05/12/25 15:37	1	JMR
Nitrobenzene-d5 (Surr)	54		30 - 130	05/12/25 15:37	1	JMR
2-Fluorobiphenyl (Surr)	59		30 - 130	05/12/25 15:37	1	JMR
p-Terphenyl-d14 (Surr)	61		30 - 130	05/12/25 15:37	1	JMR

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Aldrin	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
alpha-BHC	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
beta-BHC	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
Lindane (gamma-BHC)	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
delta-BHC	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
alpha-Chlordane	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
gamma-Chlordane	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
4,4'-DDT	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
4,4'-DDE	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
4,4'-DDD	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
Dieldrin	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
Endosulfan I	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
Endosulfan II	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
Endosulfan sulfate	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
Endrin	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
Endrin aldehyde	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
Endrin ketone	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
Heptachlor	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
Heptachlor epoxide	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
Methoxychlor	<0.054		0.054	ug/L		05/13/25 15:30	1	MB
Chlordane (technical)	<0.11		0.11	ug/L		05/13/25 15:30	1	MB
Toxaphene	<0.54		0.54	ug/L		05/13/25 15:30	1	MB

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
Tetrachloro-m-xylene	97		30 - 150	05/13/25 15:30	1	MB
DCB Decachlorobiphenyl (Surr)	102		30 - 150	05/13/25 15:30	1	MB

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW2-20250508

Lab Sample ID: 475-4219-4

Date Collected: 05/08/25 13:40

Matrix: Water

Date Received: 05/09/25 08:00

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Perfluorohexanoic acid (PFHxA)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluoroheptanoic acid (PFHpA)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluorooctanoic acid (PFOA)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluorononanoic acid (PFNA)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluorodecanoic acid (PFDA)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluorotridecanoic acid (PFTTrDA)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluorotetradecanoic acid (PFTeDA)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluorobutanesulfonic acid (PFBS)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluorohexanesulfonic acid (PFHxS)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluorooctanesulfonic acid (PFOS)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
N-ethylperfluorooctanesulfonamidoacetic acid (NETFOSAA)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluoropentanesulfonic acid (PFPeS)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluoroheptanesulfonic acid (PFHpS)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluorononanesulfonic acid (PFNS)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluorodecanesulfonic acid (PFDS)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluorododecanesulfonic acid (PFDoS)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluorooctanesulfonamide (PFOSA)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluoro-n-hexadecanoic acid (PFHxDA)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluoro-n-octadecanoic acid (PFODA)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluorobutanoic acid (PFBA)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluoropentanoic acid (PFPeA)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
N-methylperfluorooctane sulfonamide (NMeFOSA)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
N-ethylperfluorooctane sulfonamidoethanol (NETFOSE)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
N-ethylperfluorooctane sulfonamide (NETFOSA)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluorododecanoic acid (PFDoA)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Perfluoroundecanoic acid (PFUnA)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<1.9		1.9	ng/L		05/16/25 16:28	1	DSU6
Isotope Dilution	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
13C2-4:2 FTS	102		20 - 200			05/16/25 16:28	1	DSU6
13C2-8:2 FTS	129		27 - 200			05/16/25 16:28	1	DSU6
13C2-6:2 FTS	94		26 - 200			05/16/25 16:28	1	DSU6
13C5-PFHxA	99		20 - 165			05/16/25 16:28	1	DSU6
13C4-PFHpA	100		33 - 166			05/16/25 16:28	1	DSU6

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW2-20250508

Date Collected: 05/08/25 13:40

Date Received: 05/09/25 08:00

Lab Sample ID: 475-4219-4

Matrix: Water

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
13C8-PFOA	97		40 - 154	05/16/25 16:28	1	DSU6
13C9-PFNA	102		39 - 162	05/16/25 16:28	1	DSU6
13C6-PFDA	110		41 - 153	05/16/25 16:28	1	DSU6
13C7-PFUnA	97		35 - 161	05/16/25 16:28	1	DSU6
13C2-PFDoA	90		25 - 163	05/16/25 16:28	1	DSU6
13C2-PFTeDA	80		17 - 156	05/16/25 16:28	1	DSU6
13C3-PFBS	108		27 - 200	05/16/25 16:28	1	DSU6
13C3-PFHxS	100		39 - 164	05/16/25 16:28	1	DSU6
13C8-PFOS	100		44 - 153	05/16/25 16:28	1	DSU6
d3-NMeFOSAA	91		29 - 167	05/16/25 16:28	1	DSU6
d5-NEtFOSAA	101		30 - 180	05/16/25 16:28	1	DSU6
13C8-PFOSA	71		11 - 149	05/16/25 16:28	1	DSU6
13C4-PFBA	92		10 - 168	05/16/25 16:28	1	DSU6
13C5-PFPeA	96		15 - 189	05/16/25 16:28	1	DSU6
d7-N-MeFOSE-M	73		10 - 154	05/16/25 16:28	1	DSU6
d3-NMePFOSA	52		10 - 130	05/16/25 16:28	1	DSU6
d9-N-EtFOSE-M	68		10 - 146	05/16/25 16:28	1	DSU6
d5-NEtPFOSA	52		10 - 130	05/16/25 16:28	1	DSU6

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Arsenic	<0.0010		0.0010	mg/L		05/10/25 05:14	1	DS
Barium	0.0016		0.0010	mg/L		05/10/25 05:14	1	DS
Cadmium	<0.0010		0.0010	mg/L		05/10/25 05:14	1	DS
Chromium	<0.0010		0.0010	mg/L		05/10/25 05:14	1	DS
Lead	<0.0010		0.0010	mg/L		05/10/25 05:14	1	DS
Selenium	<0.0010		0.0010	mg/L		05/10/25 05:14	1	DS
Silver	<0.0010		0.0010	mg/L		05/10/25 05:14	1	DS
Mercury	<0.00010		0.00010	mg/L		05/10/25 05:14	1	DS

Client Sample ID: MW3-20250508

Date Collected: 05/08/25 11:20

Date Received: 05/09/25 08:00

Lab Sample ID: 475-4219-5

Matrix: Water

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<10		10	ug/L		05/13/25 13:07	1	AMF
Benzene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
Bromobenzene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
Bromochloromethane	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
Bromodichloromethane	<0.50		0.50	ug/L		05/13/25 13:07	1	AMF
Bromoform	<2.0		2.0	ug/L		05/13/25 13:07	1	AMF
Bromomethane	<2.0		2.0	ug/L		05/13/25 13:07	1	AMF
2-Butanone (MEK)	<10		10	ug/L		05/13/25 13:07	1	AMF
n-Butylbenzene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
sec-Butylbenzene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
tert-Butylbenzene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
Carbon disulfide	<2.0		2.0	ug/L		05/13/25 13:07	1	AMF
Carbon tetrachloride	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
Chlorobenzene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW3-20250508

Lab Sample ID: 475-4219-5

Date Collected: 05/08/25 11:20

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Chloroethane	<2.0		2.0	ug/L		05/13/25 13:07	1	AMF
Chloroform	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
Chloromethane	<2.0		2.0	ug/L		05/13/25 13:07	1	AMF
2-Chlorotoluene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
4-Chlorotoluene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
1,2-Dibromo-3-Chloropropane	<2.0		2.0	ug/L		05/13/25 13:07	1	AMF
Dibromochloromethane	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
1,2-Dibromoethane (EDB)	<0.50		0.50	ug/L		05/13/25 13:07	1	AMF
Dibromomethane	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
1,2-Dichlorobenzene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
1,3-Dichlorobenzene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
1,4-Dichlorobenzene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
Dichlorodifluoromethane	<2.0		2.0	ug/L		05/13/25 13:07	1	AMF
1,1-Dichloroethane	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
1,2-Dichloroethane	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
1,1-Dichloroethene	<0.50		0.50	ug/L		05/13/25 13:07	1	AMF
cis-1,2-Dichloroethene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
trans-1,2-Dichloroethene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
1,2-Dichloropropane	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
1,3-Dichloropropane	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
2,2-Dichloropropane	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
1,1-Dichloropropene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
cis-1,3-Dichloropropene	<0.50		0.50	ug/L		05/13/25 13:07	1	AMF
trans-1,3-Dichloropropene	<0.50		0.50	ug/L		05/13/25 13:07	1	AMF
Ethylbenzene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
Hexachlorobutadiene	<0.50		0.50	ug/L		05/13/25 13:07	1	AMF
2-Hexanone	<10		10	ug/L		05/13/25 13:07	1	AMF
Isopropylbenzene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
p-Isopropyltoluene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
4-Methyl-2-pentanone (MIBK)	<10		10	ug/L		05/13/25 13:07	1	AMF
Methylene Chloride	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
Naphthalene	<2.0		2.0	ug/L		05/13/25 13:07	1	AMF
N-Propylbenzene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
Styrene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
1,1,1,2-Tetrachloroethane	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
Tetrachloroethene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
Toluene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
1,2,3-Trichlorobenzene	<0.50		0.50	ug/L		05/13/25 13:07	1	AMF
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
1,3,5-Trichlorobenzene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
1,1,1-Trichloroethane	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
1,1,2-Trichloroethane	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
Trichloroethene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
Trichlorofluoromethane	<2.0		2.0	ug/L		05/13/25 13:07	1	AMF
1,2,3-Trichloropropane	<0.50		0.50	ug/L		05/13/25 13:07	1	AMF
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW3-20250508

Lab Sample ID: 475-4219-5

Date Collected: 05/08/25 11:20

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Vinyl chloride	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
m,p-Xylene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
o-Xylene	<1.0		1.0	ug/L		05/13/25 13:07	1	AMF
Tetrahydrofuran (THF)	<10		10	ug/L		05/13/25 13:07	1	AMF
Diethyl ether	<2.0		2.0	ug/L		05/13/25 13:07	1	AMF
tert-Amyl Methyl Ether (TAME)	<2.0		2.0	ug/L		05/13/25 13:07	1	AMF
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L		05/13/25 13:07	1	AMF
tert-Butyl alcohol (TBA)	<30		30	ug/L		05/13/25 13:07	1	AMF
1,4-Dioxane	<50		50	ug/L		05/13/25 13:07	1	AMF
Isopropyl Ether (DIPE)	<2.0		2.0	ug/L		05/13/25 13:07	1	AMF

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	92		70 - 130	05/13/25 13:07	1	AMF
Toluene-d8 (Surr)	96		70 - 130	05/13/25 13:07	1	AMF
1,2-Dichloroethane-d4 (Surr)	102		70 - 130	05/13/25 13:07	1	AMF
1,2-Dichlorobenzene-d4 (Surr)	100		70 - 130	05/13/25 13:07	1	AMF

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Phenol	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
2-Chlorophenol	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
2,4-Dichlorophenol	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
2,4,5-Trichlorophenol	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
2,4,6-Trichlorophenol	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
Pentachlorophenol	<5.4		5.4	ug/L		05/12/25 15:59	1	JMR
2-Nitrophenol	<5.4		5.4	ug/L		05/12/25 15:59	1	JMR
4-Nitrophenol	<5.4		5.4	ug/L		05/12/25 15:59	1	JMR
2,4-Dinitrophenol	<11		11	ug/L		05/12/25 15:59	1	JMR
2-Methylphenol	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
3/4-Methylphenol	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
2,4-Dimethylphenol	<5.4		5.4	ug/L		05/12/25 15:59	1	JMR
4-Chloro-3-methylphenol	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
4,6-Dinitro-2-methylphenol	<5.4		5.4	ug/L		05/12/25 15:59	1	JMR
N-Nitroso-di-n-propylamine	<0.54		0.54	ug/L		05/12/25 15:59	1	JMR
N-Nitrosodiphenylamine	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
Bis(2-chloroethyl)ether	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
bis(2-chloroisopropyl) ether	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
Bis(2-chloroethoxy)methane	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
1,3-Dichlorobenzene	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
1,4-Dichlorobenzene	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
1,2-Dichlorobenzene	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
1,2,4-Trichlorobenzene	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
2-Chloronaphthalene	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
4-Chlorophenyl-phenylether	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
4-Bromophenyl-phenylether	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
Hexachloroethane	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
Hexachlorobutadiene	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
Hexachlorocyclopentadiene	<5.4		5.4	ug/L		05/12/25 15:59	1	JMR
Hexachlorobenzene	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
4-Chloroaniline	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW3-20250508

Lab Sample ID: 475-4219-5

Date Collected: 05/08/25 11:20

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
2-Nitroaniline	<5.4		5.4	ug/L		05/12/25 15:59	1	JMR
3-Nitroaniline	<5.4		5.4	ug/L		05/12/25 15:59	1	JMR
4-Nitroaniline	<5.4		5.4	ug/L		05/12/25 15:59	1	JMR
Nitrobenzene	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
Isophorone	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
2,4-Dinitrotoluene	<2.2		2.2	ug/L		05/12/25 15:59	1	JMR
2,6-Dinitrotoluene	<2.2		2.2	ug/L		05/12/25 15:59	1	JMR
3,3'-Dichlorobenzidine	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
Carbazole	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
Dimethylphthalate	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
Diethylphthalate	<5.4		5.4	ug/L		05/12/25 15:59	1	JMR
Di-n-butylphthalate	<5.4		5.4	ug/L		05/12/25 15:59	1	JMR
Butylbenzylphthalate	<5.4		5.4	ug/L		05/12/25 15:59	1	JMR
Bis(2-ethylhexyl)phthalate	<5.4		5.4	ug/L		05/12/25 15:59	1	JMR
Di-n-octylphthalate	<5.4		5.4	ug/L		05/12/25 15:59	1	JMR
Dibenzofuran	<1.1		1.1	ug/L		05/12/25 15:59	1	JMR
Naphthalene	<0.11		0.11	ug/L		05/12/25 15:59	1	JMR
2-Methylnaphthalene	<0.11		0.11	ug/L		05/12/25 15:59	1	JMR
Acenaphthylene	<0.11		0.11	ug/L		05/12/25 15:59	1	JMR
Acenaphthene	<0.11		0.11	ug/L		05/12/25 15:59	1	JMR
Fluorene	<0.11		0.11	ug/L		05/12/25 15:59	1	JMR
Phenanthrene	<0.11		0.11	ug/L		05/12/25 15:59	1	JMR
Anthracene	<0.11		0.11	ug/L		05/12/25 15:59	1	JMR
Fluoranthene	<0.11		0.11	ug/L		05/12/25 15:59	1	JMR
Pyrene	<0.11		0.11	ug/L		05/12/25 15:59	1	JMR
Benzo[a]anthracene	<0.11		0.11	ug/L		05/12/25 15:59	1	JMR
Chrysene	<0.11		0.11	ug/L		05/12/25 15:59	1	JMR
Benzo[b]fluoranthene	<0.11		0.11	ug/L		05/12/25 15:59	1	JMR
Benzo[k]fluoranthene	<0.11		0.11	ug/L		05/12/25 15:59	1	JMR
Benzo[a]pyrene	<0.11		0.11	ug/L		05/12/25 15:59	1	JMR
Indeno[1,2,3-cd]pyrene	<0.11		0.11	ug/L		05/12/25 15:59	1	JMR
Dibenz[a,h]anthracene	<0.11		0.11	ug/L		05/12/25 15:59	1	JMR
Benzo[g,h,i]perylene	<0.11		0.11	ug/L		05/12/25 15:59	1	JMR

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
2-Fluorophenol (Surr)	33		15 - 110	05/12/25 15:59	1	JMR
Phenol-d6 (Surr)	21		15 - 110	05/12/25 15:59	1	JMR
2,4,6-Tribromophenol (Surr)	75		15 - 110	05/12/25 15:59	1	JMR
Nitrobenzene-d5 (Surr)	56		30 - 130	05/12/25 15:59	1	JMR
2-Fluorobiphenyl (Surr)	59		30 - 130	05/12/25 15:59	1	JMR
p-Terphenyl-d14 (Surr)	59		30 - 130	05/12/25 15:59	1	JMR

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Aldrin	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
alpha-BHC	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
beta-BHC	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
Lindane (gamma-BHC)	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
delta-BHC	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
alpha-Chlordane	<0.054		0.054	ug/L		05/13/25 15:40	1	MB

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW3-20250508

Lab Sample ID: 475-4219-5

Date Collected: 05/08/25 11:20

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
gamma-Chlordane	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
4,4'-DDT	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
4,4'-DDE	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
4,4'-DDD	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
Dieldrin	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
Endosulfan I	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
Endosulfan II	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
Endosulfan sulfate	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
Endrin	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
Endrin aldehyde	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
Endrin ketone	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
Heptachlor	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
Heptachlor epoxide	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
Methoxychlor	<0.054		0.054	ug/L		05/13/25 15:40	1	MB
Chlordane (technical)	<0.11		0.11	ug/L		05/13/25 15:40	1	MB
Toxaphene	<0.54		0.54	ug/L		05/13/25 15:40	1	MB

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
Tetrachloro-m-xylene	95		30 - 150	05/13/25 15:40	1	MB
DCB Decachlorobiphenyl (Surr)	101		30 - 150	05/13/25 15:40	1	MB

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Perfluorohexanoic acid (PFHxA)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluoroheptanoic acid (PFHpA)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluorooctanoic acid (PFOA)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluorononanoic acid (PFNA)	3.0		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluorodecanoic acid (PFDA)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluorotridecanoic acid (PFTrDA)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluorotetradecanoic acid (PFTeDA)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluorobutanesulfonic acid (PFBS)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluorohexanesulfonic acid (PFHxS)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluorooctanesulfonic acid (PFOS)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
N-ethylperfluorooctanesulfonamidoacetic acid (NETFOSAA)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluoropentanesulfonic acid (PFPeS)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluoroheptanesulfonic acid (PFHpS)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluorononanesulfonic acid (PFNS)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluorodecanesulfonic acid (PFDS)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluorododecanesulfonic acid (PFDoS)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluorooctanesulfonamide (PFOSA)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluoro-n-hexadecanoic acid (PFHxDA)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluoro-n-octadecanoic acid (PFODA)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW3-20250508

Lab Sample ID: 475-4219-5

Date Collected: 05/08/25 11:20

Matrix: Water

Date Received: 05/09/25 08:00

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Perfluorobutanoic acid (PFBA)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluoropentanoic acid (PFPeA)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
N-methylperfluorooctane sulfonamide (NMeFOSA)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluorododecanoic acid (PFDoA)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
Perfluoroundecanoic acid (PFUnA)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<1.7		1.7	ng/L		05/16/25 16:41	1	DSU6

Isotope Dilution	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
13C2-4:2 FTS	111		20 - 200	05/16/25 16:41	1	DSU6
13C2-8:2 FTS	105		27 - 200	05/16/25 16:41	1	DSU6
13C2-6:2 FTS	94		26 - 200	05/16/25 16:41	1	DSU6
13C5-PFHxA	97		20 - 165	05/16/25 16:41	1	DSU6
13C4-PFHpA	97		33 - 166	05/16/25 16:41	1	DSU6
13C8-PFOA	94		40 - 154	05/16/25 16:41	1	DSU6
13C9-PFNA	103		39 - 162	05/16/25 16:41	1	DSU6
13C6-PFDA	105		41 - 153	05/16/25 16:41	1	DSU6
13C7-PFUnA	105		35 - 161	05/16/25 16:41	1	DSU6
13C2-PFDoA	89		25 - 163	05/16/25 16:41	1	DSU6
13C2-PFTeDA	86		17 - 156	05/16/25 16:41	1	DSU6
13C3-PFBS	114		27 - 200	05/16/25 16:41	1	DSU6
13C3-PFHxS	100		39 - 164	05/16/25 16:41	1	DSU6
13C8-PFOS	100		44 - 153	05/16/25 16:41	1	DSU6
d3-NMeFOSAA	89		29 - 167	05/16/25 16:41	1	DSU6
d5-NEtFOSAA	106		30 - 180	05/16/25 16:41	1	DSU6
13C8-PFOSA	77		11 - 149	05/16/25 16:41	1	DSU6
13C4-PFBA	89		10 - 168	05/16/25 16:41	1	DSU6
13C5-PFPeA	101		15 - 189	05/16/25 16:41	1	DSU6
d7-N-MeFOSE-M	85		10 - 154	05/16/25 16:41	1	DSU6
d3-NMePFOSA	65		10 - 130	05/16/25 16:41	1	DSU6
d9-N-EtFOSE-M	84		10 - 146	05/16/25 16:41	1	DSU6
d5-NEtPFOSA	68		10 - 130	05/16/25 16:41	1	DSU6

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Arsenic	<0.0010		0.0010	mg/L		05/10/25 05:18	1	DS
Barium	0.0029		0.0010	mg/L		05/10/25 05:18	1	DS
Cadmium	<0.0010		0.0010	mg/L		05/10/25 05:18	1	DS
Chromium	<0.0010		0.0010	mg/L		05/10/25 05:18	1	DS
Lead	<0.0010		0.0010	mg/L		05/10/25 05:18	1	DS
Selenium	<0.0010		0.0010	mg/L		05/10/25 05:18	1	DS

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW3-20250508

Date Collected: 05/08/25 11:20

Date Received: 05/09/25 08:00

Lab Sample ID: 475-4219-5

Matrix: Water

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Silver	<0.0010		0.0010	mg/L		05/10/25 05:18	1	DS
Mercury	<0.00010		0.00010	mg/L		05/10/25 05:18	1	DS

Client Sample ID: MW4-20250508

Date Collected: 05/08/25 12:00

Date Received: 05/09/25 08:00

Lab Sample ID: 475-4219-6

Matrix: Water

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<10		10	ug/L		05/13/25 13:32	1	AMF
Benzene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
Bromobenzene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
Bromochloromethane	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
Bromodichloromethane	<0.50		0.50	ug/L		05/13/25 13:32	1	AMF
Bromoform	<2.0		2.0	ug/L		05/13/25 13:32	1	AMF
Bromomethane	<2.0		2.0	ug/L		05/13/25 13:32	1	AMF
2-Butanone (MEK)	<10		10	ug/L		05/13/25 13:32	1	AMF
n-Butylbenzene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
sec-Butylbenzene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
tert-Butylbenzene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
Carbon disulfide	<2.0		2.0	ug/L		05/13/25 13:32	1	AMF
Carbon tetrachloride	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
Chlorobenzene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
Chloroethane	<2.0		2.0	ug/L		05/13/25 13:32	1	AMF
Chloroform	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
Chloromethane	<2.0		2.0	ug/L		05/13/25 13:32	1	AMF
2-Chlorotoluene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
4-Chlorotoluene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
1,2-Dibromo-3-Chloropropane	<2.0		2.0	ug/L		05/13/25 13:32	1	AMF
Dibromochloromethane	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
1,2-Dibromoethane (EDB)	<0.50		0.50	ug/L		05/13/25 13:32	1	AMF
Dibromomethane	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
1,2-Dichlorobenzene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
1,3-Dichlorobenzene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
1,4-Dichlorobenzene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
Dichlorodifluoromethane	<2.0		2.0	ug/L		05/13/25 13:32	1	AMF
1,1-Dichloroethane	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
1,2-Dichloroethane	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
1,1-Dichloroethene	<0.50		0.50	ug/L		05/13/25 13:32	1	AMF
cis-1,2-Dichloroethene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
trans-1,2-Dichloroethene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
1,2-Dichloropropane	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
1,3-Dichloropropane	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
2,2-Dichloropropane	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
1,1-Dichloropropene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
cis-1,3-Dichloropropene	<0.50		0.50	ug/L		05/13/25 13:32	1	AMF
trans-1,3-Dichloropropene	<0.50		0.50	ug/L		05/13/25 13:32	1	AMF
Ethylbenzene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
Hexachlorobutadiene	<0.50		0.50	ug/L		05/13/25 13:32	1	AMF
2-Hexanone	<10		10	ug/L		05/13/25 13:32	1	AMF

Eurofins Concord

Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW4-20250508

Lab Sample ID: 475-4219-6

Date Collected: 05/08/25 12:00

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Isopropylbenzene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
p-Isopropyltoluene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
4-Methyl-2-pentanone (MIBK)	<10		10	ug/L		05/13/25 13:32	1	AMF
Methylene Chloride	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
Naphthalene	<2.0		2.0	ug/L		05/13/25 13:32	1	AMF
N-Propylbenzene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
Styrene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
1,1,1,2-Tetrachloroethane	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
Tetrachloroethene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
Toluene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
1,2,3-Trichlorobenzene	<0.50		0.50	ug/L		05/13/25 13:32	1	AMF
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
1,3,5-Trichlorobenzene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
1,1,1-Trichloroethane	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
1,1,2-Trichloroethane	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
Trichloroethene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
Trichlorofluoromethane	<2.0		2.0	ug/L		05/13/25 13:32	1	AMF
1,2,3-Trichloropropane	<0.50		0.50	ug/L		05/13/25 13:32	1	AMF
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
Vinyl chloride	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
m,p-Xylene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
o-Xylene	<1.0		1.0	ug/L		05/13/25 13:32	1	AMF
Tetrahydrofuran (THF)	<10		10	ug/L		05/13/25 13:32	1	AMF
Diethyl ether	<2.0		2.0	ug/L		05/13/25 13:32	1	AMF
tert-Amyl Methyl Ether (TAME)	<2.0		2.0	ug/L		05/13/25 13:32	1	AMF
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L		05/13/25 13:32	1	AMF
tert-Butyl alcohol (TBA)	<30		30	ug/L		05/13/25 13:32	1	AMF
1,4-Dioxane	<50		50	ug/L		05/13/25 13:32	1	AMF
Isopropyl Ether (DIPE)	<2.0		2.0	ug/L		05/13/25 13:32	1	AMF

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	100		70 - 130	05/13/25 13:32	1	AMF
Toluene-d8 (Surr)	104		70 - 130	05/13/25 13:32	1	AMF
1,2-Dichloroethane-d4 (Surr)	103		70 - 130	05/13/25 13:32	1	AMF
1,2-Dichlorobenzene-d4 (Surr)	100		70 - 130	05/13/25 13:32	1	AMF

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Phenol	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
2-Chlorophenol	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
2,4-Dichlorophenol	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
2,4,5-Trichlorophenol	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
2,4,6-Trichlorophenol	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
Pentachlorophenol	<5.6		5.6	ug/L		05/12/25 16:21	1	JMR
2-Nitrophenol	<5.6		5.6	ug/L		05/12/25 16:21	1	JMR
4-Nitrophenol	<5.6		5.6	ug/L		05/12/25 16:21	1	JMR
2,4-Dinitrophenol	<11		11	ug/L		05/12/25 16:21	1	JMR

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW4-20250508

Lab Sample ID: 475-4219-6

Date Collected: 05/08/25 12:00

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
2-Methylphenol	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
3/4-Methylphenol	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
2,4-Dimethylphenol	<5.6		5.6	ug/L		05/12/25 16:21	1	JMR
4-Chloro-3-methylphenol	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
4,6-Dinitro-2-methylphenol	<5.6		5.6	ug/L		05/12/25 16:21	1	JMR
N-Nitroso-di-n-propylamine	<0.56		0.56	ug/L		05/12/25 16:21	1	JMR
N-Nitrosodiphenylamine	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
Bis(2-chloroethyl)ether	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
bis(2-chloroisopropyl) ether	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
Bis(2-chloroethoxy)methane	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
1,3-Dichlorobenzene	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
1,4-Dichlorobenzene	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
1,2-Dichlorobenzene	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
1,2,4-Trichlorobenzene	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
2-Chloronaphthalene	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
4-Chlorophenyl-phenylether	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
4-Bromophenyl-phenylether	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
Hexachloroethane	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
Hexachlorobutadiene	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
Hexachlorocyclopentadiene	<5.6		5.6	ug/L		05/12/25 16:21	1	JMR
Hexachlorobenzene	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
4-Chloroaniline	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
2-Nitroaniline	<5.6		5.6	ug/L		05/12/25 16:21	1	JMR
3-Nitroaniline	<5.6		5.6	ug/L		05/12/25 16:21	1	JMR
4-Nitroaniline	<5.6		5.6	ug/L		05/12/25 16:21	1	JMR
Nitrobenzene	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
Isophorone	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
2,4-Dinitrotoluene	<2.2		2.2	ug/L		05/12/25 16:21	1	JMR
2,6-Dinitrotoluene	<2.2		2.2	ug/L		05/12/25 16:21	1	JMR
3,3'-Dichlorobenzidine	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
Carbazole	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
Dimethylphthalate	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
Diethylphthalate	<5.6		5.6	ug/L		05/12/25 16:21	1	JMR
Di-n-butylphthalate	<5.6		5.6	ug/L		05/12/25 16:21	1	JMR
Butylbenzylphthalate	<5.6		5.6	ug/L		05/12/25 16:21	1	JMR
Bis(2-ethylhexyl)phthalate	<5.6		5.6	ug/L		05/12/25 16:21	1	JMR
Di-n-octylphthalate	<5.6		5.6	ug/L		05/12/25 16:21	1	JMR
Dibenzofuran	<1.1		1.1	ug/L		05/12/25 16:21	1	JMR
Naphthalene	<0.11		0.11	ug/L		05/12/25 16:21	1	JMR
2-Methylnaphthalene	<0.11		0.11	ug/L		05/12/25 16:21	1	JMR
Acenaphthylene	<0.11		0.11	ug/L		05/12/25 16:21	1	JMR
Acenaphthene	<0.11		0.11	ug/L		05/12/25 16:21	1	JMR
Fluorene	<0.11		0.11	ug/L		05/12/25 16:21	1	JMR
Phenanthrene	<0.11		0.11	ug/L		05/12/25 16:21	1	JMR
Anthracene	<0.11		0.11	ug/L		05/12/25 16:21	1	JMR
Fluoranthene	<0.11		0.11	ug/L		05/12/25 16:21	1	JMR
Pyrene	<0.11		0.11	ug/L		05/12/25 16:21	1	JMR
Benzo[a]anthracene	<0.11		0.11	ug/L		05/12/25 16:21	1	JMR
Chrysene	<0.11		0.11	ug/L		05/12/25 16:21	1	JMR

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW4-20250508

Lab Sample ID: 475-4219-6

Date Collected: 05/08/25 12:00

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Benzo[b]fluoranthene	<0.11		0.11	ug/L		05/12/25 16:21	1	JMR
Benzo[k]fluoranthene	<0.11		0.11	ug/L		05/12/25 16:21	1	JMR
Benzo[a]pyrene	<0.11		0.11	ug/L		05/12/25 16:21	1	JMR
Indeno[1,2,3-cd]pyrene	<0.11		0.11	ug/L		05/12/25 16:21	1	JMR
Dibenz[a,h]anthracene	<0.11		0.11	ug/L		05/12/25 16:21	1	JMR
Benzo[g,h,i]perylene	<0.11		0.11	ug/L		05/12/25 16:21	1	JMR

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
2-Fluorophenol (Surr)	39		15 - 110	05/12/25 16:21	1	JMR
Phenol-d6 (Surr)	25		15 - 110	05/12/25 16:21	1	JMR
2,4,6-Tribromophenol (Surr)	82		15 - 110	05/12/25 16:21	1	JMR
Nitrobenzene-d5 (Surr)	62		30 - 130	05/12/25 16:21	1	JMR
2-Fluorobiphenyl (Surr)	65		30 - 130	05/12/25 16:21	1	JMR
p-Terphenyl-d14 (Surr)	65		30 - 130	05/12/25 16:21	1	JMR

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Aldrin	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
alpha-BHC	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
beta-BHC	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
Lindane (gamma-BHC)	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
delta-BHC	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
alpha-Chlordane	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
gamma-Chlordane	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
4,4'-DDT	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
4,4'-DDE	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
4,4'-DDD	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
Dieldrin	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
Endosulfan I	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
Endosulfan II	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
Endosulfan sulfate	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
Endrin	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
Endrin aldehyde	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
Endrin ketone	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
Heptachlor	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
Heptachlor epoxide	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
Methoxychlor	<0.053		0.053	ug/L		05/13/25 15:49	1	MB
Chlordane (technical)	<0.11		0.11	ug/L		05/13/25 15:49	1	MB
Toxaphene	<0.53		0.53	ug/L		05/13/25 15:49	1	MB

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
Tetrachloro-m-xylene	93		30 - 150	05/13/25 15:49	1	MB
DCB Decachlorobiphenyl (Surr)	93		30 - 150	05/13/25 15:49	1	MB

Method: 537 IDA - EPA 537 Isotope Dilution

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Perfluorohexanoic acid (PFHxA)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluoroheptanoic acid (PFHpA)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluorooctanoic acid (PFOA)	2.6		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluorononanoic acid (PFNA)	8.9		1.8	ng/L		05/16/25 16:55	1	DSU6

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW4-20250508

Lab Sample ID: 475-4219-6

Date Collected: 05/08/25 12:00

Matrix: Water

Date Received: 05/09/25 08:00

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Perfluorodecanoic acid (PFDA)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluorotridecanoic acid (PFTrDA)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluorotetradecanoic acid (PFTeDA)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluorobutanesulfonic acid (PFBS)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluorohexanesulfonic acid (PFHxS)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluorooctanesulfonic acid (PFOS)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluoropentanesulfonic acid (PFPeS)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluoroheptanesulfonic acid (PFHpS)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluorononanesulfonic acid (PFNS)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluorodecanesulfonic acid (PFDS)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluorododecanesulfonic acid (PFDoS)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluorooctanesulfonamide (PFOSA)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluoro-n-hexadecanoic acid (PFHxDA)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluoro-n-octadecanoic acid (PFODA)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluorobutanoic acid (PFBA)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluoropentanoic acid (PFPeA)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
N-methylperfluorooctane sulfonamidoethanol (NMeFOSE)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
N-methylperfluorooctane sulfonamide (NMeFOSA)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
N-ethylperfluorooctane sulfonamide (NEtFOSA)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluorododecanoic acid (PFDoA)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Perfluoroundecanoic acid (PFUnA)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2 FTS)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2 FTS)	<1.8		1.8	ng/L		05/16/25 16:55	1	DSU6
Isotope Dilution	%Recovery	Qualifier	Limits			Analyzed	Dil Fac	Analyst
13C2-4:2 FTS	115		20 - 200			05/16/25 16:55	1	DSU6
13C2-8:2 FTS	148		27 - 200			05/16/25 16:55	1	DSU6
13C2-6:2 FTS	97		26 - 200			05/16/25 16:55	1	DSU6
13C5-PFHxA	106		20 - 165			05/16/25 16:55	1	DSU6
13C4-PFHpA	107		33 - 166			05/16/25 16:55	1	DSU6
13C8-PFOA	104		40 - 154			05/16/25 16:55	1	DSU6
13C9-PFNA	112		39 - 162			05/16/25 16:55	1	DSU6
13C6-PFDA	112		41 - 153			05/16/25 16:55	1	DSU6
13C7-PFUnA	115		35 - 161			05/16/25 16:55	1	DSU6

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW4-20250508

Date Collected: 05/08/25 12:00

Date Received: 05/09/25 08:00

Lab Sample ID: 475-4219-6

Matrix: Water

Method: 537 IDA - EPA 537 Isotope Dilution (Continued)

Isotope Dilution	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
13C2-PFDoA	101		25 - 163	05/16/25 16:55	1	DSU6
13C2-PFTeDA	97		17 - 156	05/16/25 16:55	1	DSU6
13C3-PFBS	110		27 - 200	05/16/25 16:55	1	DSU6
13C3-PFHxS	108		39 - 164	05/16/25 16:55	1	DSU6
13C8-PFOS	110		44 - 153	05/16/25 16:55	1	DSU6
d3-NMeFOSAA	109		29 - 167	05/16/25 16:55	1	DSU6
d5-NEtFOSAA	123		30 - 180	05/16/25 16:55	1	DSU6
13C8-PFOSA	85		11 - 149	05/16/25 16:55	1	DSU6
13C4-PFBA	98		10 - 168	05/16/25 16:55	1	DSU6
13C5-PFPeA	103		15 - 189	05/16/25 16:55	1	DSU6
d7-N-MeFOSE-M	93		10 - 154	05/16/25 16:55	1	DSU6
d3-NMePFOSA	68		10 - 130	05/16/25 16:55	1	DSU6
d9-N-EtFOSE-M	88		10 - 146	05/16/25 16:55	1	DSU6
d5-NEtPFOSA	68		10 - 130	05/16/25 16:55	1	DSU6

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Arsenic	<0.0010		0.0010	mg/L		05/10/25 05:23	1	DS
Barium	0.0039		0.0010	mg/L		05/10/25 05:23	1	DS
Cadmium	<0.0010		0.0010	mg/L		05/10/25 05:23	1	DS
Chromium	<0.0010		0.0010	mg/L		05/10/25 05:23	1	DS
Lead	<0.0010		0.0010	mg/L		05/10/25 05:23	1	DS
Selenium	<0.0010		0.0010	mg/L		05/10/25 05:23	1	DS
Silver	<0.0010		0.0010	mg/L		05/10/25 05:23	1	DS
Mercury	<0.00010		0.00010	mg/L		05/10/25 05:23	1	DS

Client Sample ID: MW5-20250508

Date Collected: 05/08/25 00:00

Date Received: 05/09/25 08:00

Lab Sample ID: 475-4219-7

Matrix: Water

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Acetone	<10		10	ug/L		05/14/25 13:12	1	AMF
Benzene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
Bromobenzene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
Bromochloromethane	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
Bromodichloromethane	<0.50		0.50	ug/L		05/14/25 13:12	1	AMF
Bromoform	<2.0		2.0	ug/L		05/14/25 13:12	1	AMF
Bromomethane	<2.0		2.0	ug/L		05/14/25 13:12	1	AMF
2-Butanone (MEK)	<10		10	ug/L		05/14/25 13:12	1	AMF
n-Butylbenzene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
sec-Butylbenzene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
tert-Butylbenzene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
Carbon disulfide	<2.0		2.0	ug/L		05/14/25 13:12	1	AMF
Carbon tetrachloride	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
Chlorobenzene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
Chloroethane	<2.0		2.0	ug/L		05/14/25 13:12	1	AMF
Chloroform	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
Chloromethane	<2.0		2.0	ug/L		05/14/25 13:12	1	AMF
2-Chlorotoluene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF

Eurofins Concord

Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW5-20250508

Lab Sample ID: 475-4219-7

Date Collected: 05/08/25 00:00

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
4-Chlorotoluene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
1,2-Dibromo-3-Chloropropane	<2.0		2.0	ug/L		05/14/25 13:12	1	AMF
Dibromochloromethane	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
1,2-Dibromoethane (EDB)	<0.50		0.50	ug/L		05/14/25 13:12	1	AMF
Dibromomethane	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
1,2-Dichlorobenzene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
1,3-Dichlorobenzene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
1,4-Dichlorobenzene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
Dichlorodifluoromethane	<2.0		2.0	ug/L		05/14/25 13:12	1	AMF
1,1-Dichloroethane	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
1,2-Dichloroethane	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
1,1-Dichloroethene	<0.50		0.50	ug/L		05/14/25 13:12	1	AMF
cis-1,2-Dichloroethene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
trans-1,2-Dichloroethene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
1,2-Dichloropropane	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
1,3-Dichloropropane	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
2,2-Dichloropropane	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
1,1-Dichloropropene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
cis-1,3-Dichloropropene	<0.50		0.50	ug/L		05/14/25 13:12	1	AMF
trans-1,3-Dichloropropene	<0.50		0.50	ug/L		05/14/25 13:12	1	AMF
Ethylbenzene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
Hexachlorobutadiene	<0.50		0.50	ug/L		05/14/25 13:12	1	AMF
2-Hexanone	<10		10	ug/L		05/14/25 13:12	1	AMF
Isopropylbenzene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
p-Isopropyltoluene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
Methyl-t-Butyl Ether (MTBE)	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
4-Methyl-2-pentanone (MIBK)	<10		10	ug/L		05/14/25 13:12	1	AMF
Methylene Chloride	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
Naphthalene	<2.0		2.0	ug/L		05/14/25 13:12	1	AMF
N-Propylbenzene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
Styrene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
1,1,1,2-Tetrachloroethane	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
1,1,2,2-Tetrachloroethane	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
Tetrachloroethene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
Toluene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
1,2,3-Trichlorobenzene	<0.50		0.50	ug/L		05/14/25 13:12	1	AMF
1,2,4-Trichlorobenzene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
1,3,5-Trichlorobenzene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
1,1,1-Trichloroethane	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
1,1,2-Trichloroethane	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
Trichloroethene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
Trichlorofluoromethane	<2.0		2.0	ug/L		05/14/25 13:12	1	AMF
1,2,3-Trichloropropane	<0.50		0.50	ug/L		05/14/25 13:12	1	AMF
1,2,4-Trimethylbenzene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
1,3,5-Trimethylbenzene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
Vinyl chloride	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
m,p-Xylene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
o-Xylene	<1.0		1.0	ug/L		05/14/25 13:12	1	AMF
Tetrahydrofuran (THF)	<10		10	ug/L		05/14/25 13:12	1	AMF

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Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW5-20250508

Lab Sample ID: 475-4219-7

Date Collected: 05/08/25 00:00

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Diethyl ether	<2.0		2.0	ug/L		05/14/25 13:12	1	AMF
tert-Amyl Methyl Ether (TAME)	<2.0		2.0	ug/L		05/14/25 13:12	1	AMF
Ethyl-t-butyl ether (ETBE)	<2.0		2.0	ug/L		05/14/25 13:12	1	AMF
tert-Butyl alcohol (TBA)	<30		30	ug/L		05/14/25 13:12	1	AMF
1,4-Dioxane	<50		50	ug/L		05/14/25 13:12	1	AMF
Isopropyl Ether (DIPE)	<2.0		2.0	ug/L		05/14/25 13:12	1	AMF

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
4-Bromofluorobenzene (Surr)	98		70 - 130	05/14/25 13:12	1	AMF
Toluene-d8 (Surr)	103		70 - 130	05/14/25 13:12	1	AMF
1,2-Dichloroethane-d4 (Surr)	103		70 - 130	05/14/25 13:12	1	AMF
1,2-Dichlorobenzene-d4 (Surr)	101		70 - 130	05/14/25 13:12	1	AMF

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Phenol	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
2-Chlorophenol	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
2,4-Dichlorophenol	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
2,4,5-Trichlorophenol	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
2,4,6-Trichlorophenol	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
Pentachlorophenol	<5.5		5.5	ug/L		05/12/25 16:43	1	JMR
2-Nitrophenol	<5.5		5.5	ug/L		05/12/25 16:43	1	JMR
4-Nitrophenol	<5.5		5.5	ug/L		05/12/25 16:43	1	JMR
2,4-Dinitrophenol	<11		11	ug/L		05/12/25 16:43	1	JMR
2-Methylphenol	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
3/4-Methylphenol	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
2,4-Dimethylphenol	<5.5		5.5	ug/L		05/12/25 16:43	1	JMR
4-Chloro-3-methylphenol	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
4,6-Dinitro-2-methylphenol	<5.5		5.5	ug/L		05/12/25 16:43	1	JMR
N-Nitroso-di-n-propylamine	<0.55		0.55	ug/L		05/12/25 16:43	1	JMR
N-Nitrosodiphenylamine	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
Bis(2-chloroethyl)ether	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
bis(2-chloroisopropyl) ether	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
Bis(2-chloroethoxy)methane	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
1,3-Dichlorobenzene	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
1,4-Dichlorobenzene	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
1,2-Dichlorobenzene	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
1,2,4-Trichlorobenzene	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
2-Chloronaphthalene	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
4-Chlorophenyl-phenylether	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
4-Bromophenyl-phenylether	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
Hexachloroethane	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
Hexachlorobutadiene	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
Hexachlorocyclopentadiene	<5.5		5.5	ug/L		05/12/25 16:43	1	JMR
Hexachlorobenzene	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
4-Chloroaniline	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
2-Nitroaniline	<5.5		5.5	ug/L		05/12/25 16:43	1	JMR
3-Nitroaniline	<5.5		5.5	ug/L		05/12/25 16:43	1	JMR
4-Nitroaniline	<5.5		5.5	ug/L		05/12/25 16:43	1	JMR
Nitrobenzene	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR

Eurofins Concord

Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW5-20250508

Lab Sample ID: 475-4219-7

Date Collected: 05/08/25 00:00

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Isophorone	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
2,4-Dinitrotoluene	<2.2		2.2	ug/L		05/12/25 16:43	1	JMR
2,6-Dinitrotoluene	<2.2		2.2	ug/L		05/12/25 16:43	1	JMR
3,3'-Dichlorobenzidine	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
Carbazole	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
Dimethylphthalate	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
Diethylphthalate	<5.5		5.5	ug/L		05/12/25 16:43	1	JMR
Di-n-butylphthalate	<5.5		5.5	ug/L		05/12/25 16:43	1	JMR
Butylbenzylphthalate	<5.5		5.5	ug/L		05/12/25 16:43	1	JMR
Bis(2-ethylhexyl)phthalate	<5.5		5.5	ug/L		05/12/25 16:43	1	JMR
Di-n-octylphthalate	<5.5		5.5	ug/L		05/12/25 16:43	1	JMR
Dibenzofuran	<1.1		1.1	ug/L		05/12/25 16:43	1	JMR
Naphthalene	<0.11		0.11	ug/L		05/12/25 16:43	1	JMR
2-Methylnaphthalene	<0.11		0.11	ug/L		05/12/25 16:43	1	JMR
Acenaphthylene	<0.11		0.11	ug/L		05/12/25 16:43	1	JMR
Acenaphthene	<0.11		0.11	ug/L		05/12/25 16:43	1	JMR
Fluorene	<0.11		0.11	ug/L		05/12/25 16:43	1	JMR
Phenanthrene	<0.11		0.11	ug/L		05/12/25 16:43	1	JMR
Anthracene	<0.11		0.11	ug/L		05/12/25 16:43	1	JMR
Fluoranthene	<0.11		0.11	ug/L		05/12/25 16:43	1	JMR
Pyrene	<0.11		0.11	ug/L		05/12/25 16:43	1	JMR
Benzo[a]anthracene	<0.11		0.11	ug/L		05/12/25 16:43	1	JMR
Chrysene	<0.11		0.11	ug/L		05/12/25 16:43	1	JMR
Benzo[b]fluoranthene	<0.11		0.11	ug/L		05/12/25 16:43	1	JMR
Benzo[k]fluoranthene	<0.11		0.11	ug/L		05/12/25 16:43	1	JMR
Benzo[a]pyrene	<0.11		0.11	ug/L		05/12/25 16:43	1	JMR
Indeno[1,2,3-cd]pyrene	<0.11		0.11	ug/L		05/12/25 16:43	1	JMR
Dibenz[a,h]anthracene	<0.11		0.11	ug/L		05/12/25 16:43	1	JMR
Benzo[g,h,i]perylene	<0.11		0.11	ug/L		05/12/25 16:43	1	JMR

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
2-Fluorophenol (Surr)	34		15 - 110	05/12/25 16:43	1	JMR
Phenol-d6 (Surr)	22		15 - 110	05/12/25 16:43	1	JMR
2,4,6-Tribromophenol (Surr)	74		15 - 110	05/12/25 16:43	1	JMR
Nitrobenzene-d5 (Surr)	55		30 - 130	05/12/25 16:43	1	JMR
2-Fluorobiphenyl (Surr)	58		30 - 130	05/12/25 16:43	1	JMR
p-Terphenyl-d14 (Surr)	59		30 - 130	05/12/25 16:43	1	JMR

Method: 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Aldrin	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
alpha-BHC	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
beta-BHC	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
Lindane (gamma-BHC)	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
delta-BHC	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
alpha-Chlordane	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
gamma-Chlordane	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
4,4'-DDT	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
4,4'-DDE	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
4,4'-DDD	<0.053		0.053	ug/L		05/13/25 15:59	1	MB

Eurofins Concord

Client Sample Results

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Client Sample ID: MW5-20250508

Lab Sample ID: 475-4219-7

Date Collected: 05/08/25 00:00

Matrix: Water

Date Received: 05/09/25 08:00

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Dieldrin	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
Endosulfan I	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
Endosulfan II	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
Endosulfan sulfate	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
Endrin	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
Endrin aldehyde	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
Endrin ketone	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
Heptachlor	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
Heptachlor epoxide	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
Methoxychlor	<0.053		0.053	ug/L		05/13/25 15:59	1	MB
Chlordane (technical)	<0.11		0.11	ug/L		05/13/25 15:59	1	MB
Toxaphene	<0.53		0.53	ug/L		05/13/25 15:59	1	MB

Surrogate	%Recovery	Qualifier	Limits	Analyzed	Dil Fac	Analyst
Tetrachloro-m-xylene	92		30 - 150	05/13/25 15:59	1	MB
DCB Decachlorobiphenyl (Surr)	99		30 - 150	05/13/25 15:59	1	MB

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	Unit	D	Analyzed	Dil Fac	Analyst
Arsenic	<0.0010		0.0010	mg/L		05/10/25 05:27	1	DS
Barium	0.0086		0.0010	mg/L		05/10/25 05:27	1	DS
Cadmium	<0.0010		0.0010	mg/L		05/10/25 05:27	1	DS
Chromium	<0.0010		0.0010	mg/L		05/10/25 05:27	1	DS
Lead	<0.0010		0.0010	mg/L		05/10/25 05:27	1	DS
Selenium	<0.0010		0.0010	mg/L		05/10/25 05:27	1	DS
Silver	<0.0010		0.0010	mg/L		05/10/25 05:27	1	DS
Mercury	<0.00010		0.00010	mg/L		05/10/25 05:27	1	DS

Accreditation/Certification and Definitions Summary

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Laboratory: Eurofins Concord

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Hampshire	NELAP	1012	01-20-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	1,3,5-Trichlorobenzene
8270E	3510C	Water	3/4-Methylphenol
8270E	3510C	Water	3-Nitroaniline

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	12-30-26
Arizona	State	AZ0780	03-12-26
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	01-31-26
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	019-006 (PA cert)	01-31-26
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	06-30-25
Georgia (DW)	State	C048	01-31-26
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-27
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-26
Michigan	State	9930	01-31-26
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-26
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-26
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	05-18-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Concord

Accreditation/Certification and Definitions Summary

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-26
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-26
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-26
Washington	State	C457	04-11-26
West Virginia (DW)	State	9906 C	03-31-26
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	11-30-26

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
MRL	Method Reporting Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Concord

Accreditation/Certification and Definitions Summary

Client: Nobis Engineering, Inc.
Project/Site: 374 Tamworth Road 100752.002

Job ID: 475-4219-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
SDL	Sample Detection Limit
SDL	Sample Detection Limit
SDL	Sample Detection Limit
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

CHAIN-OF-CUSTODY RECORD

FOR LAB USE ONLY

421

BOLD FIELDS REQUIRED. PLEASE CIRCLE REQUESTED ANALYSIS.

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475-4219 COC

SAMPLE I.D.	SAMPLING DATE/TIME *If COMPOSITE, INDICATE BOTH START & FINISH DATE/TIME	MATRIX (SEE BELOW) GRAB/*COMPOSITE	VOC		SVOC		TCLP	INORGANICS				MICRO	METALS	OTHER	# OF CONTAINERS	NOTES MeOH Vial #
			524.2 524.2 MTBE ONLY 624 1,4 Dioxane	8021	8015 GRO MAIPH	625 ABN PAH EDB DBCP LI L2	8015 DRO MAEPH	PCB 408 PCB 8082 PCB 8081 OIL & GREASE 1664 TPH 1664	TCLP 1311 ABN METALS PEST HERB VOC	800 CBOD	TS TSS TDS	Br Cl F NO ₃ NO ₂ NH ₃ TN TKN O. PHOS. T. PHOS. pH T. RES. CHLORINE SPEC. CON.	COD PHENOLS TOC DOC	TOTAL CYANIDE TOTAL SULFIDE REACTIVE CYANIDE REACTIVE SULFIDE FLASHPOINT IGNITABILITY		
Trip Blank	5/8/25 0730	—	X												2	
FD01-20250508	0700	GW	X			X								X	X	7
MW1-20250508	1150		X			X								X		5
MW2-20250508	1340		X			X								X	X	7
MW3-20250508	1120		X			X								X	X	7
MW4-20250508	1200		X			X								X	X	7
MW5-20250508			X			X								X		5
MATRIX: A-AIR; S-SOIL; GW-GROUND WATER; SW-SURFACE WATER; DW-DRINKING WATER; WW-WASTE WATER PRESERVATIVE: H-HCL; N-HNO₃; S-H₂SO₄; Na-NaOH; M-MEOH																

PROJECT MANAGER: Tim Andrews
 COMPANY: Nobis
 ADDRESS: 18 Chenell Dr.
 CITY: Concord STATE: NH ZIP: 03301
 PHONE: MB (406) 552-8084 EXT.:
 E-MAIL: TAndrews@Nobis-group.com
 SITE NAME: 374 Tamworth
 PROJECT #: 100752.002
 STATE: NH MA ME VT OTHER:
 REGULATORY PROGRAM: NPDES: RGP POTW STORMWATER OR
 GWP, OIL FUND, BROWNFIELD OR OTHER:
 QUOTE #: PO #:

QA/QC REPORTING

A B C

MA MCP

 TEMP. 1.0 °C
 ICE? YES No

REPORTING OPTIONS

PRELIMS: YES OR NO

ELECTRONIC OPTIONS

 PDF EXCEL
 EQUIS

OTHER

TURN AROUND TIME

24hr* 48hr*

3-4 Days*

5 Day 7 Day

10 Day

*Pre-approval Required

METALS: 8 RCRA 13 PP Fe, Mn Pb, Cu

OTHER METALS:

SAMPLES FIELD FILTERED? ☒ YES ☐ NO

NOTES: (IE: SPECIAL DETECTION LIMITS, BILLING INFO, IF DIFFERENT)

SITE HISTORY:

SUSPECTED CONTAMINATION:

FIELD READINGS:


 Environment Testing
 Eastern Analytical

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