INVENTUM ENGINEERING, PC

July 7, 2022

Megan Kuczka
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
270 Michigan Avenue
Buffalo, NY 14203

Re: 320 Scajaquada St.
NYSDEC Site No. 915152
Saginaw - Buffalo
Site Management PRR Rev. 1 (May 4, 2021 – May 4, 2022)

Dear Ms. Kuczka:

On behalf of East Delavan Property, LLC, Inventum Engineering, P.C. (Inventum) is pleased to submit the attached revised Site Management (SM) Periodic Review Report (PRR) for the Saginaw – Buffalo site 320 Scajaquada St, Buffalo, New York. The PRR has been prepared pursuant to the February 2, 1995 Order on Consent and Administrative Settlement (Index No. B9-0410-92-09) and Section 6.3(b) of DER-10 *Technical Guidance for Site Investigation and Remediation*.

The revised report incorporates comments on the PRR received from the New York State Department of Environmental Conservation (NYSDEC) in an e-mail dated June 23, 2022. The NYSDEC's comments are reproduced in the bullets below followed by Inventum's response in *italics.*

- Were the monitoring wells re-surveyed with the American Axle wells, as indicated in the 2020-2021 PRR? If not, when will they be re-surveyed?

  The monitoring wells are now scheduled to be re-surveyed in October 2022 after the well can and pad is replaced at MW-206.

- Section 1.1 – Revise to indicate the remainder of the site is vacant, rather than no uses.

  The PRR has been revised in accordance with the comment.

- Section 1.2 –
  - Indicate the onsite remediation was completed between 1998 and 2000
  - Revise the paragraph detailing the monitoring frequency changes to indicate the storm sewers are sampled annually.

  The PRR has been revised in accordance with the comment.

- Section 1.2.1 –
    - Please revise the annual inspection date to the 2021 inspection date
    - Indicate in this section that lead was not sampled for from the storm sewer
    - Update the EQuIS submittal description to describe the 2022 submittal, rather than 2020-2021

  The PRR has been revised in accordance with the comment.

- Figure 1 – Groundwater elevations for MW-204, MW-5, and MW-211 are missing. Please add in.

  Figure 1 has been revised in accordance with the comment.

- Appendix A – Please append a photolog

  Appendix A of the revised PRR includes the inspection photolog.

- The IC-EC Certification needs to be attached and signed.

  The signed IC-EC Certification is provided in Attachment B.

Should you have any questions or if you would like to discuss any aspect of this report, please feel free to contact me at 571.217.3627 or todd.waldrop@inventumeng.com

Sincerely,

Todd Waldrop

cc. J. Williams – East Delavan Property, LLC
J. Yensan – OSC, Inc.

Attachment A – Periodic Review Report

INVENTUM ENGINEERING, PC

Saginaw – Buffalo Site
320 Scajaquada St
Site Management Periodic Review Report

East Delavan Property, LLC
NYSDEC Site Number 915152

Dates Covered by Report:
May 4, 2021 to May 4, 2022

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1 Executive Summary

Inventum Engineering, P.C. (Inventum) has prepared this Site Management (SM) Periodic Review Report (PRR) for the Saginaw-Buffalo Site (Site) located at 320 Scajacuada Street in the City of Buffalo, Erie County. The Site is defined as the former Parking Lot #4 associated with the former General Motors and American Axle & Manufacturing (AAM) facility that manufactured axles and drive-train components for cars and trucks. The Site covers an area of approximately 7.248 acres (SBL Parcel No. 101.24-1-3.1) and is included in the New York Registry of Inactive Hazardous Waste Sites (Site No. 915152). Site Institutional Controls (ICs) and Engineering Controls (ECs) were adhered to over the PRR reporting period and continue to be effective in maintaining the remedial objectives. No changes to the established SMP or recommended during the next PRR reporting period.

1.1 Site Summary

General Motors (GM) purchased several parcels in the mid-1960s and constructed Parking Lot #4 which is the current listed Site. In 1989 during a spill cleanup of industrial oil by GM, excavated soil was found to contain Polychlorinated Biphenyls (PCBs). The Site was sold to AAM in 1994 along with the main facility west of the railroad right of way[1]. As part of this conveyance, a deed restriction was placed on the property limiting it for use for industrial purposes only. GM-Saginaw Division, the previous owner of the Site, entered into a Consent Order in 1995 and a Final Site Investigation Report and Engineering Evaluation Report of Alternatives was completed in 1997. A Record of Decision (ROD) was issued in March 1998 which required: 1) The further removal of PCB contaminated soil, water and oil; 2) Maintenance of the pavement to reduce infiltration and provided a barrier to lead contaminated soil; and 3) Long-term monitoring and maintenance. Remediation (the "removal of PCB contaminated soil, water and oil") of the Site was completed in 1998 and a long-term operation and maintenance (O&M) plan is in place.

The paved portion of the Site is currently utilized periodically by the City of Buffalo for training school bus drivers. There remainder of the Site is vacant.

1.2 Effectiveness of the Remedial Program

Remediation of the Site was completed between 1998 and 2000 and included:

- Dewatering of an approximately 1-acre area surrounding the former Wastewater Treatment Plant[2] and on-site water treatment, confirmatory effluent sampling and analysis, and batch discharge to the Buffalo Sewer Authority (BSA) sanitary sewer system;
- Excavating fill/soil containing greater than the site cleanup goal of 10 parts per million (ppm) PCBs in the OU1 area, and confirmatory sampling;
- Transporting excavated materials off-site for treatment and disposal;
- Backfilling of the OU1 excavation with clay soil; and
- Paving the excavation area (OU1) and repaving of the OU2 area which was the remainder of the Parking Lot No. 4.

[1] The former GM/AAM main facility is now compromised of the East Delavan Ave Brownfield Cleanup Program Site No. C915196B and the 250 Colorado Street Site No. 915196

[2] This 1-acre area was referred to as Operable Unit 1 (OU1) as was the original NYSDEC Registry Listing for the Site

The remedial program was effective and long-term site monitoring requirements were established requiring:

- Pavement inspection and maintenance conducted on an annual basis to ensure that the integrity of the asphalt surface has been maintained;
- Visual inspection of storm sewer manhole covers and manhole risers for structural damage;
- Groundwater sampling of Site monitoring wells for PCBs, Total Lead, and Soluble Lead; and
- Storm sewer sampling from Manhole #2 for PCBs and Total Lead.

Groundwater sampling has been conducted on a biennial basis since 2008 and storm sewer sampling on an annual basis. Three (3) monitoring wells (MW-1, MW-201, and MW-205) were removed from the groundwater sampling program in 2004 (Figure 1). The groundwater monitoring network and frequency changes in 2004 and 2008 were approved by the NYSDEC and the New York State Department of Health (NYSDOH).

A requirement for the collection of groundwater samples for per and polyfluoroalkyl substances (PFAS) and 1,4-Dioxane at monitoring wells MW-204 (PFAS only), MW-211, and MW-202 were added to the biennial program in March 2021[3].

Pavement inspection, storm sewer visual inspection, and storm sewer sampling is conducted on an annual basis.

1.2.1 Progress During the Reporting Period

The cover system is intact and functioning. Inventum conducted the annual inspection in November 2021 and completed the required inspection form (Appendix A). Photographs of the inspection are included in Appendix A.

The biennial groundwater sampling was completed in November 2021. A tabular summary of groundwater and storm sewer sampling results is provided in Appendix B (Table 1). Groundwater sampling forms are provided in Appendix C. There were no detections of PCBs or Lead (Total or Dissolved) above Class GA standards. Perfluorooctanoic Acid (PFOA) was detected at concentrations above the 10 nanograms per liter (ng/L) screening level at MW-204 and MW-211. Perfluorooctanesulfonic Acid (PFOS) was detected at a concentration above the 10 ng/L screening level at MW-202. 1,4-Dioxane was detected above the Class GA standard of 1 µg/L at MW-211.

The annual storm sewer sampling from Manhole #2 was conducted in November 2021. Samples were collected for PBC analysis; however, a Total Lead sample was not collected due to an oversight. A summary of the storm sewer results is provided in Appendix B (Table 2).

The EQuIS formatted EDD from the November 2021 groundwater sampling and annual storm sewer sampling was submitted to the NYSDEC on May 31, 2022. The laboratory report is provided as Appendix D.

[3] NYSDEC letter dated March 19, 2021 regarding Site Management (SM) – Emergent Contaminant Monitoring.

1.2.2 Progress to Remedial Objectives for the Site

The Remedial Objectives (ROs) for the Site as established in the March 1998 Record of Decision (ROD) have been achieved and the Site has been in long-term monitoring since 2002. The ROs were as follows:

- To the extent practicable, reduce the potential for human contact with PCBs and lead impacted soils;
- Prevent or greatly reduce the potential for migration of contaminants via surface run-off and on-site drain lines;
- Prevent, to the extent practicable, migration of contaminants at the site to the Scajaquada Creek Drain; and
- To the extent practicable, provide for attainment of SCGs in groundwater.

1.3 Compliance

1.3.1 Potential Non-compliance

There were no areas of potential non-compliance identified during the reporting period.

1.3.2 Proposed Steps

There were no areas of potential non-compliance identified during the reporting period that would require a compliance plan.

1.4 Recommendations

1.4.1 Recommended Changes to the SMP

There are no recommended changes to the SMP at this time.

1.4.2 Recommend Changes to the Frequency for Submittal of PRRs

There is no recommended change to the frequency of the PRRs at this time.

1.4.3 Recommend Whether the Requirements for Discontinuing Site Management

It is appropriate to continue Site Management.

2 Site Overview

2.1 Site Location

The Site is located at 320 Scajacuada Street in the City of Buffalo, Erie County. The Site is defined as the former Parking Lot #4 associated with the former General Motors and American Axle & Manufacturing (AAM) facility that manufactured axles and drive-train components for cars and trucks. The Site covers an area of approximately 7.248 acres and is included in the New York Registry of Inactive Hazardous Waste Sites (Site No. 915152).

2.2 Chronology of the Remedial Program

GM and NYSDEC entered on Order on Consent (Index #B9-0410-92-09), effective February 2, 1995, pursuant to which GM performed an Interim Remedial Measure (IRM) at OU1 and conducted a Site Investigation and Engineering Evaluation of Alternatives in both OU1 and OU2. Based upon the Engineering Evaluation of Alternatives Report prepared by Wehran-New York, Inc. (ENCOR), NYSDEC prepared a Proposed Remedial Action Plan, which it submitted for public comment in February 1998.

NYSDEC selected a final remedial alternative for the Site in a ROD that was issued in March 1998. A Remedial Design (RD) Report was prepared by EMCON to implement the ROD-selected remedial alternatives at the Site. The RD Report was approved by the NYSDEC, and remedial activities were conducted between July 1998 and March 2000.

3 Evaluate Remedy Performance, Effectiveness, and Protectiveness

The performance, effectiveness, and protectiveness of the remedy are verified through evaluating each of the primary remedial measures.

- The pavement and structural integrity of the sewer system remain in good condition at the Site based on a visual evaluation. The next annual inspection will be conducted in October 2022.
- Groundwater samples in accordance with the O&M plan will be collected in October 2023. In addition to routine biennial sampling for PCBs, Total Lead, and Soluble Lead, MW-204 will also be sampled for PFAS and MW-211 and MW-202 will also be sampled for PFAS and 1,4-Dioxane.
- Sewer samples in accordance with the O&M plan will be collected in October 2022.

4 IC/EC Plan Compliance Report

4.1 IC/EC Requirements and Compliance

A series of IC have been developed and are being adhered to at the Site and include:

- Inspection and maintenance of Parking Lot #4.
- Groundwater and sewer monitoring in accordance with the April 2001 O&M Manual and subsequent modifications to the O&M Manual in January 2004 and September 2008.

4.1.1 Controls

Engineering controls (ECs) developed for the Site consist of an asphalt pavement cover system.

4.1.2 Status

The Site IC/ECs are all currently active and in force.

4.1.3 Corrective Measures

There are no corrective measures proposed at this time.

4.2 IC/EC Certification

The IC/EC certifications are provided in Enclosure A.

5 Monitoring Plan Compliance Report

5.1 Monitoring Plan Compliance Report

Routine Site Monitoring includes annual pavement inspection, annual visual inspection of sewer structure integrity, annual storm sewer sample collection, biennial groundwater sample collection, and periodic certification.

5.2 Monitoring Completed During Reporting Period

Inventum conducted the annual inspection November 2021 and completed the required inspection form (Appendix A). The cover system remains in good condition.

Groundwater sampling for PCBs, Total Lead, and Soluble Lead was conducted in November 2021. Sampling for PFAS and 1,4-Dioxane was conducted at select monitoring wells.

Storm sewer sampling from Manhole #2 for PCBs was conducted in November 2021. All results for PCBs were non-detect. A Total Lead sample was not analyzed due to an oversight. A summary of the storm sewer results is provided in Table 2 of Appendix B.

Laboratory analytical results for samples collected during the reporting period are provided in Appendix D and the EDDs formatted for the NYSDEC Environmental Information Management System (EIMS) were submitted to the NYSDEC database on May 31, 2022.

There were no emergencies or unforeseen failures of established ECs that would require non-routine inspections. Purge water generated from groundwater sampling during the reporting period was contained in a DOT-compliant open topped 55-gallon steel drum, labeled as non-hazardous waste, and stored onsite pending additional accumulation prior to disposal. These drums will be disposed of offsite in accordance with local, state, and federal regulations when full.

5.3 Monitoring Deficiencies

One monitoring deficiency was noted during the reporting period. The total lead sample at Manhole #2 was not analyzed due to an oversight that was not identified until after the end of the PRR reporting period. The cause of the oversight has been identified and corrected to ensure the sample will be analyzed appropriately going forward.

5.4 Conclusions and Recommendations for Changes

There are no recommendations for changes at this time.

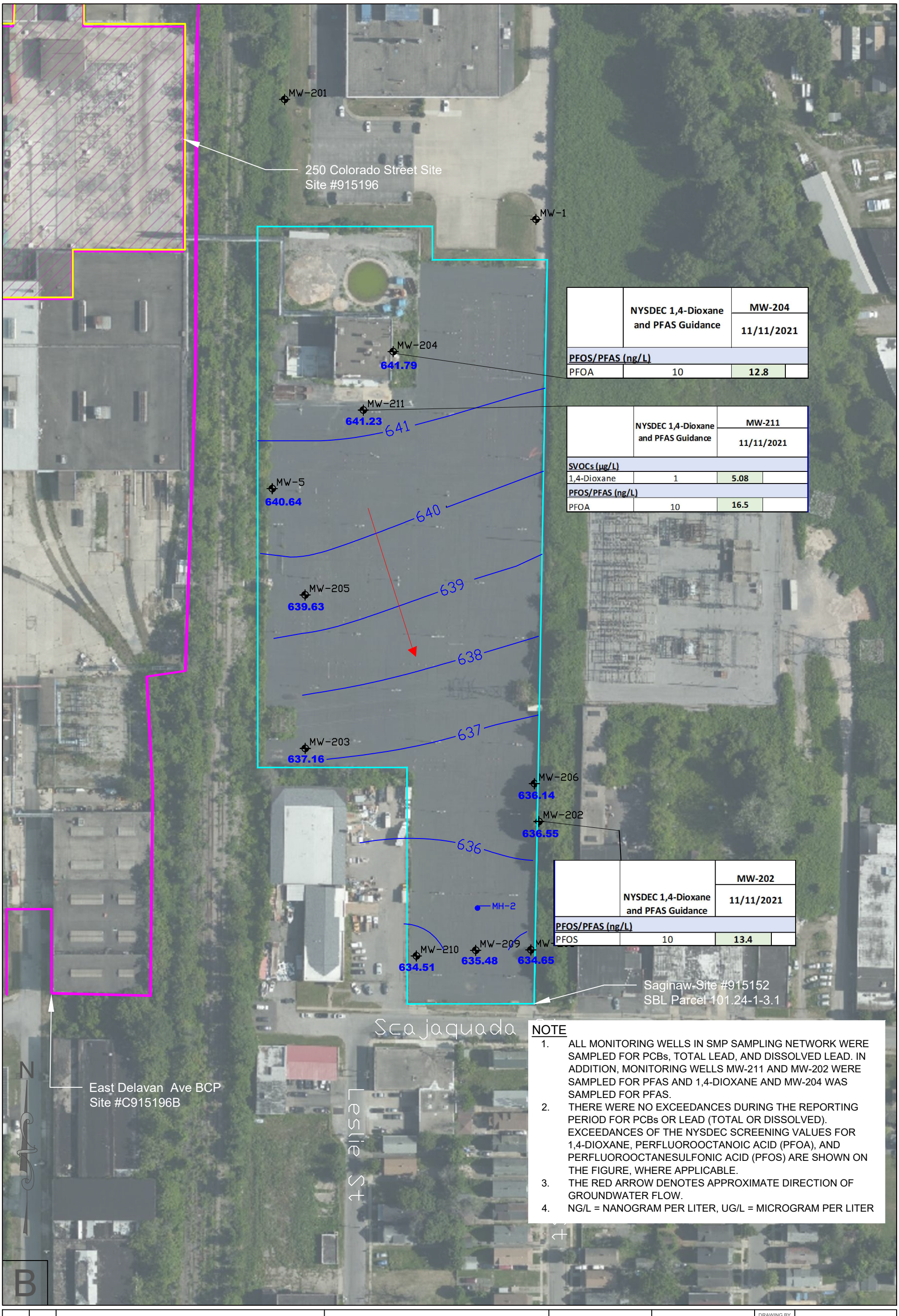
6 Operation & Maintenance (O&M) Plan Compliance Report

The Site remedy does not rely on any mechanical systems to protect public health and the environment; therefore, an O&M Plan Compliance Report is not applicable to this PRR.

7 Overall PRR Conclusions and Recommendations

Site IC/ECs remain in place and effective in maintaining the remedial objectives. No changes to the established SMP or recommended during the next PRR reporting period

Figure



	NYSDEC 1,4-Dioxane and PFAS Guidance	MW-204 11/11/2021	
PFOS/PFAS (ng/L)			
PFOA	10	**12.8**	

	NYSDEC 1,4-Dioxane and PFAS Guidance	MW-211 11/11/2021	
SVOCs (µg/L)			
1,4-Dioxane	1	**5.08**	
PFOS/PFAS (ng/L)			
PFOA	10	**16.5**	

	NYSDEC 1,4-Dioxane and PFAS Guidance	MW-202 11/11/2021	
PFOS/PFAS (ng/L)			
PFOS	10	**13.4**	

NOTE

1. ALL MONITORING WELLS IN SMP SAMPLING NETWORK WERE SAMPLED FOR PCBs, TOTAL LEAD, AND DISSOLVED LEAD. IN ADDITION, MONITORING WELLS MW-211 AND MW-202 WERE SAMPLED FOR PFAS AND 1,4-DIOXANE AND MW-204 WAS SAMPLED FOR PFAS.
2. THERE WERE NO EXCEEDANCES DURING THE REPORTING PERIOD FOR PCBs OR LEAD (TOTAL OR DISSOLVED). EXCEEDANCES OF THE NYSDEC SCREENING VALUES FOR 1,4-DIOXANE, PERFLUOROOCTANOIC ACID (PFOA), AND PERFLUOROOCTANESULFONIC ACID (PFOS) ARE SHOWN ON THE FIGURE, WHERE APPLICABLE.
3. THE RED ARROW DENOTES APPROXIMATE DIRECTION OF GROUNDWATER FLOW.
4. NG/L = NANOGRAM PER LITER, UG/L = MICROGRAM PER LITER

NOT TO SCALE

FIGURE 1

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
www.InventumEng.com

FIGURE 1
PERIODIC REVIEW REPORT
MAY 2021 TO MAY 2022
Saginaw - Buffalo Site
320 Scajaquada St.
NYSDEC Site No. 915152

DRAWING BY	
CHECKED	
APPROVED	

Appendix A – Engineering Controls – November 2021 Annual Site-Wide Inspection Form and Photographs

ANNUAL INSPECTION FORM
SAGINAW-BUFFALO SITE

Inspection Date: 11/11/2021
Inspected By: Peter Zaffram (Inventum Engineering)

PAVEMENT (Identify any damaged areas on site sketch)

1. Cracked Areas	Yes ____	No x
2. Settled Areas	Yes ____	No x
3. Potholes	Yes ____	No x
4. Heaving	Yes ____	No x
5. Plow Damage	Yes ____	No x
6. Drainage	Good x	Poor ____
	Explain:	
7. Condition of Surface Sealing	Good x	Poor ____
	Explain: Surface is in good shape. No deep fissures in sealant. Photos collected.	

STORM SEWERS

1. Condition of Manhole Risers	Good x	Poor ____	
	Explain:		
2. Sediment in Main	None x	Avg (1-4") ____	High (>4") ____
	Comments: No sediment visible in MH #1 or MH#2. Trickle flow.		

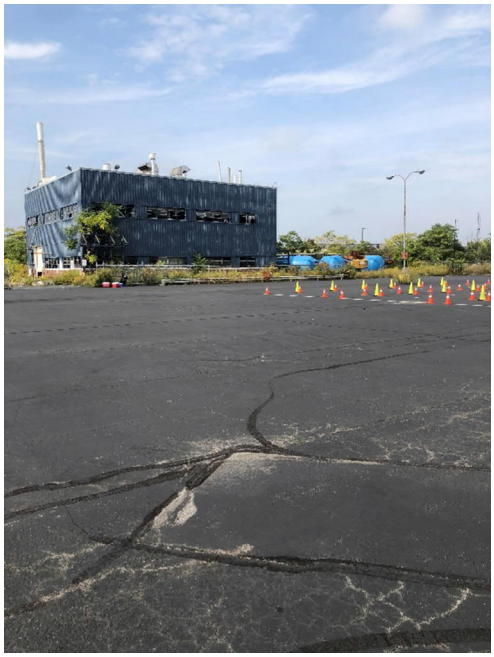
MONITORING WELLS

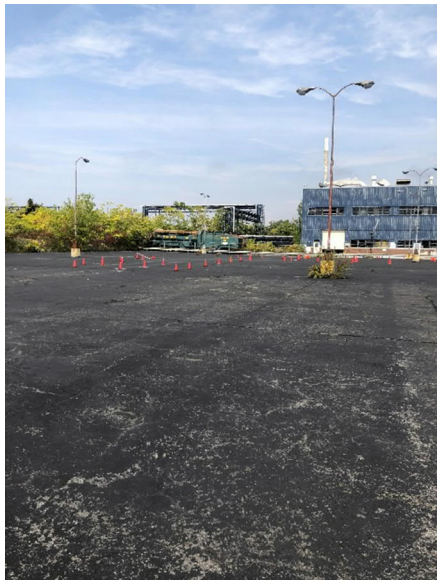
	MW-1	MW-5	MW-201	MW-202	MW-203	MW-204	MW-205	MW-206	MW-208	MW-209	MW-210	MW-211
Is protective casing in good condition?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Is flush mount casing in good condition?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Are casing labeled?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Is concrete surface seal in good condition?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Is protected pad in good condition?	Yes	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Are locks present?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Are lock in good condition?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Is riser in good condition?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Are J-plugs present?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Comments:

MW-206 - Pad and well can are scheduled for replacement in conjuction with the October 2022 annual inspection.
MW-201 - Abovegrade concrete appears to have slipped and may be displaced. Above grade casing disconnected and displaced from belowgrade casing by at least 0.2". Well is no longer part of the monitoring network and will be abandoned in conjuction with the October 2022 annual inspection.

Photos were collected in September 2021.

Annual Inspection 2021-2022 PRR	Photo Date: September 2021	Project: Saginaw – Buffalo Site Site No. 915152
Photo No. 1		
Direction Photo Taken: Looking North		
Description: Typical. Pavement in good condition.		
Annual Inspection 2021-2022 PRR	Photo Date: September 2021	Project: Saginaw – Buffalo Site Site No. 915152
Photo No. 2		
Direction Photo Taken: Looking southwest.		
Description: Typical. Pavement in good condition.		

Annual Inspection 2021-2022 PRR	Photo Date: September 2021	Project: Saginaw – Buffalo Site Site No. 915152
Photo No. 3		
Direction Photo Taken: Looking southwest		
Description: Typical. Pavement in good condition..		
Annual Inspection 2021-2022 PRR	Photo Date: September 2021	Project: Saginaw – Buffalo Site Site No. 915152
Photo No. 4		
Direction Photo Taken: Looking north.		
Description: Typical. Pavement in good condition.		

Appendix B – Biennial Groundwater Sampling and Annual Storm Sewer Sampling Summary Tables – November 2021

Table 1
Saginaw Site (Site #915152)
Semi-Annual GW Sampling Results
November 2021
SMP Constituents

	Class GA GW Standards	MW-5		MW-202		MW-203		MW-204		MW-99 (a)		MW-205		MW-206		MW-208		MW-209		MW-210		MW-211	
		11/11/2021		11/11/2021		11/11/2021		11/11/2021				11/11/2021		11/11/2021		11/11/2021		11/11/2021		11/11/2021		11/11/2021	
Metals (mg/L)																							
Lead (Total)	0.025	0.004	J	<0.010	U	<0.010	U	<0.010	U	<0.010	U	0.006	J	0.02		0.012		0.011		<0.010	U	0.015	
Lead (Dissolved)	0.025	0.003	J	<0.010	U	<0.010	U	<0.010	U	<0.010	U	<0.010	U	<0.010	U	<0.010	U	<0.020	U	<0.010	U	<0.010	U
PCBs (µg/L)																							
PCB-1016	0.09 (b)	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U
PCB-1221		<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U
PCB-1232		<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U
PCB-1242		<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U
PCB-1248		<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U
PCB-1254		<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U
PCB-1260		<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U
PCB-1262		<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U
PCB-1268		<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U	<0.071	U

a/ Duplicate sample collected at MW-204.
Bold text indicates a reportable concentration.
Green highlighted values indicate an exceedances of the standard shown.
b/ Applicable standard is the sum of all cogeners.
"U" Analyte not detected above reporting limit shown.
"J" estimated value. The concentration is below the RL, but above the MDL.

Table 1
Saginaw Site (Site #915152)
Biennial GW Sampling Results
November 2021
Emerging Contaminants

	NYSDEC 1,4-Dioxane and PFAS Guidance (a)	MW-202		MW-204		MW-211	
		11/11/2021		11/11/2021		11/11/2021	
SVOCs (µg/L)							
1,4-Dioxane	1	<0.139	U	NS		5.08	
PFOS/PFAS (ng/L)							
Perfluorobutanoic Acid (PFBA)	-	8.31		17.1		28.8	
Perfluoropentanoic Acid (PFPeA)	-	6.22		60.8		132	
Perfluorobutanesulfonic Acid (PFBS)	-	2.52		<1.95	U	<1.85	U
Perfluorohexanoic Acid (PFHxA)	-	4.64		25.7		56.2	
Perfluoroheptanoic Acid (PFHpA)	-	2.5		24.9		44.8	
Perfluorohexanesulfonic Acid (PFHxS)	-	20.9		<1.95	U	<1.85	
Perfluorooctanoic Acid (PFOA)	10	5.71		12.8		16.5	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	-	<1.95	U	40.5		81.4	
Perfluoroheptanesulfonic Acid (PFHpS)	-	<1.95	U	<1.95	U	<1.85	U
Perfluorononanoic Acid (PFNA)	-	0.402		4.25		5.14	
Perfluorooctanesulfonic Acid (PFOS)	10	13.4		1.14	J	7.07	
Perfluorodecanoic Acid (PFDA)	-	<1.95	U	0.594	J	0.569	J
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	-	<1.95	U	18.9		17.6	
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	-	<1.95	U	<1.95	U	<1.85	U
Perfluoroundecanoic Acid (PFUnA)	-	<1.95	U	<1.95	U	<1.85	U
Perfluorodecanesulfonic Acid (PFDS)	-	<1.95	U	<1.95	U	<1.85	U
Perfluorooctanesulfonamide (FOSA)	-	<1.95	U	<1.95	U	<1.85	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	-	<1.95	U	<1.95	U	<1.85	U
Perfluorododecanoic Acid (PFDoA)	-	<1.95	U	<1.95	U	<1.85	U
Perfluorotridecanoic Acid (PFTrDA)	-	<1.95	U	<1.95	U	<1.85	U
Perfluorotetradecanoic Acid (PFTA)	-	<1.95	U	<1.95	U	<1.85	U
PFOA/PFOS (Total)	-	19.1		13.9	J	23.6	

a/ Ambient Water Quality Standards for PFAS are not available. Guidance values shown are from the June 2021 *Guidelines for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Programs* .
U = Analyte not detected at reporting limit shown; J = estimated value. Concentration is below the RL, but above the MDL.
NS = Sample not collected.
- = Comparative standard or screening level not established
µg/L = micrograms per liter; ng/L = nanograms per liter

Table 2
Saginaw Site (Site #915152)
Annual Storm Sewer Sampling Results
November 2021
SMP Constituents

	MH-2	
	11/11/2021	
Metals (mg/L)		
Lead (Total)	NS (a)	
PCBs (µg/L)		
PCB-1016	<0.050	U
PCB-1221	<0.050	U
PCB-1232	<0.050	U
PCB-1242	<0.050	U
PCB-1248	<0.050	U
PCB-1254	<0.050	U
PCB-1260	<0.050	U

a/Lead analysis was not performed due to a field/laboratory oversight.
Bold text indicates a reportable concentration.
"U" = analyte not detected above reporting limit shown.

Appendix C – Groundwater Sampling Forms – November 2021

GROUNDWATER MONITORING WELL PURGE FORM

Site: Saginaw

Well ID: MW-204	Depth to Water (ft BTOC): 2.8
Inventum Sampler: PZ	Depth to Product (ft BTOC): NA
Date: 11/11/2021	Total Depth (ft BTOC): ________________

Purge Details

Time Start: 1545	Comments/Notes:
Time Ended: 1615	
Total Purge Volume: ~ 2 Gallons	

Time	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
1545	100 mL/60 Sec	7.67	14.5	273.4	485	-97	3	3.14
1550	100 mL/60 Sec	7.16	14.3	71.4	483.8	-126	0.5	3.2
1555	100 mL/60 Sec	7.13	14.3	40.31	491.2	-149.6	0.4	3.2
1600	100 mL/60 Sec	7.15	14.3	10.43	489.2	-178	0.3	3.2
1605	100 mL/60 Sec	7.15	14.3	7.14	490.3	-180.2	0.3	3.2
1610	100 mL/60 Sec	7.15	14.3	5.16	488.6	-182.2	0.3	3.2

Sample Details

Sample Date: 11/11/2021	Analysis: PCBs 8082, Dissolved Pb 6010, Total Pb 6010, PFOS/PFAS 537
Sample Time: 1615	
Sampled By: PZ	

GROUNDWATER MONITORING WELL PURGE FORM								
Site: Saginaw								
Well ID: MW-211				Depth to Water (ft BTOC): 2.77				
Inventum Sampler: PZ				Depth to Product (ft BTOC): NA				
Date: 11/11/2021				Total Depth (ft BTOC): 8.6				
Purge Details								
Time Start: 1445				Comments/Notes: well is in good shape, fast recharge.				
Time Ended: 1515								
Total Purge Volume: ~ 2 Gallons								
Time	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
1445	100 mL/60 Sec	7.23	18.3	1600.4	928	-135.4	1.3	2.87
1450	100 mL/60 Sec	7.09	18.4	52.14	851	-174.4	0.1	2.87
1455	100 mL/60 Sec	7.07	18.3	30.11	845	-188.3	0.1	2.87
1500	100 mL/60 Sec	7.06	18.4	22.44	842	-200.2	0.1	2.87
1505	100 mL/60 Sec	7.06	18.4	20.13	840	-202.1	0.1	2.87
1510	100 mL/60 Sec	7.06	18.4	12.44	839	-207.3	0.1	2.87
Sample Details								
Sample Date: 11/11/2021				Analysis: PCBs 8082, Dissolved Pb 6010, Total Pb 6010,				
Sample Time: 1515				PFOS/PFAS 537, PFOS/PFAS 537, 1.4-Dioxane 8270 SIM				
Sampled By: PZ								

GROUNDWATER MONITORING WELL PURGE FORM

Site: Saginaw

Well ID: MW-5	Depth to Water (ft BTOC): 5.24
Inventum Sampler: PZ	Depth to Product (ft BTOC): NA
Date: 11/11/2021	Total Depth (ft BTOC): 11.3

Purge Details

Time Start: 1400	Comments/Notes:
Time Ended: 1440	
Total Purge Volume: ~ 3 Gallons	

Volume	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
1400	100 mL/60 Sec	6.96	18.1	19.24	1673	-135.1	0.8	6.15
1405	100 mL/60 Sec	6.95	18	13.14	1621	-135.6	0.5	6.33
1410	100 mL/60 Sec	7.11	17.8	12.64	1185	-145.7	0.4	6.72
1415	100 mL/60 Sec	7.17	17.8	19.14	1090	-153.5	0.3	6.78
1420	100 mL/60 Sec	7.15	17.8	10.41	1083	-158.5	0.3	6.78
1425	100 mL/60 Sec	7.13	17.8	3.11	1071	-162.9	0.2	6.78
1430	100 mL/60 Sec	7.13	17.8	0	1069	-164.2	0.2	6.78
1435	100 mL/60 Sec	7.13	17.8	0	1067	-166.7	0.2	6.78

Sample Details

Sample Date: 11/11/2021	Analysis: PCBs 8082, Dissolved Pb 6010, Total Pb 6010,
Sample Time: 1440	PFOS/PFAS 537
Sampled By: PZ	

GROUNDWATER MONITORING WELL PURGE FORM								
Site: Saginaw								
Well ID: MW-205				Depth to Water (ft BTOC): 2.4				
Inventum Sampler: PZ				Depth to Product (ft BTOC): NA				
Date: 11/11/2021				Total Depth (ft BTOC): 6.25				
Purge Details								
Time Start: 1335				Comments/Notes: Well going dry, sample collected prior to stabilization.				
Time Ended: 1355								
Total Purge Volume: ~1.5 Gallons								
Time	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
1335	100 mL/60 Sec	7.28	17.9	41.4	1877	-46.7	6.2	3.25
1340	100 mL/60 Sec	7.12	17.8	8.98	1825	-80.8	1.8	3.85
1345	100 mL/60 Sec	7.19	18.3	7.11	1936	-84.9	4.1	4.96
1350	100 mL/60 Sec	7.21	18.2	5.31	1937	-81.4	4.3	5.71
	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Sample Details								
Sample Date: 11/11/2021				Analysis: PCBs 8082, Dissolved Pb 6010, Total Pb 6010				
Sample Time: 1355								
Sampled By: PZ								

GROUNDWATER MONITORING WELL PURGE FORM								
Site: Saginaw								
Well ID: MW-203				Depth to Water (ft BTOC): 2.95				
Inventum Sampler: PZ				Depth to Product (ft BTOC): NA				
Date: 11/11/2021				Total Depth (ft BTOC): 9.21				
Purge Details								
Time Start: 1300				Comments/Notes:				
Time Ended: 1330								
Total Purge Volume: ~ 2 gallons								
Time	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
1300	100 mL/60 Sec	7.22	16.2	8.51	496.6	-138.6	0.2	3.11
1305	100 mL/60 Sec	7.21	16.4	7.33	499.7	-142.6	0.4	3.71
1310	100 mL/60 Sec	7.22	15.9	7.55	506.1	-144.6	0.1	4
1315	100 mL/60 Sec	7.21	16.1	9.33	522.3	-150.9	0.1	4
1320	100 mL/60 Sec	7.21	16	4.11	528.4	-151.3	0.1	4
1325	100 mL/60 Sec	7.2	16	4	530.9	-156.3	0.1	4
Sample Details								
Sample Date: 11/11/2021				Analysis: PCBs 8082, Dissolved Pb 6010, Total Pb 6010				
Sample Time: 1330								
Sampled By: PZ								

GROUNDWATER MONITORING WELL PURGE FORM

Site: Saginaw

Well ID: MW-206	Depth to Water (ft BTOC): 4.07
Inventum Sampler: PZ	Depth to Product (ft BTOC): NA
Date: 11/11/2021	Total Depth (ft BTOC): _____

Purge Details

Time Start: 1215	Comments/Notes:
Time Ended: 1250	
Total Purge Volume: ~ 2.5 Gallons	

Time	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
12:15	100 mL/60 Sec	6.77	15.7	134.4	680	-71.8	2.5	4.31
12:20	100 mL/60 Sec	6.53	15.3	54.76	665	-77.8	1.1	4.44
12:25	100 mL/60 Sec	6.48	15.3	23.83	685	-83.7	0.6	4.55
12:30	100 mL/60 Sec	6.47	15.3	23.22	696	-96.2	0.4	4.55
12:35	100 mL/60 Sec	6.47	15.2	21.41	710	-105.1	0.2	4.55
12:40	100 mL/60 Sec	6.47	15.2	20.1	715	-106.1	0.2	4.55
12:45	100 mL/60 Sec	6.47	15.2	20.11	717	-107.4	0.2	4.55

Sample Details

Sample Date: 11/11/2021	Analysis: PCBs 8082, Dissolved Pb 6010, Total Pb 6010
Sample Time: 1250	
Sampled By: PZ	

GROUNDWATER MONITORING WELL PURGE FORM								
Site: Saginaw								
Well ID: MW-202				Depth to Water (ft BTOC): 3.36				
Inventum Sampler: PZ				Depth to Product (ft BTOC): NA				
Date: 11/11/2021				Total Depth (ft BTOC): 7.71				
Purge Details								
Time Start: 1120				Comments/Notes: DUP sample collected				
Time Ended: 1150				1 well volume = 0.70 gal				
Total Purge Volume: ~ 2.5				MW-99-11112021 sample time documented as 0800				
Time	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
11:25	100 mL/60 Sec	7.05	15	185	335.1	-89.5	3.3	4.32
11:30	100 mL/60 Sec	6.73	14.8	70	332.4	-96.2	1.2	4.95
11:35	100 mL/60 Sec	6.63	14.9	32	353.6	-125.6	0.7	5.3
11:38	100 mL/60 Sec	6.61	15	17	425	-152.3	0.4	5.42
11:41	100 mL/60 Sec	6.61	15	15	456.8	-161.5	0.4	5.4
11:44	100 mL/60 Sec	6.61	15	16	500	-173.6	0.3	4.4
Sample Details								
Sample Date: 11/11/2021				Analysis: PCBs 8082, Dissolved Pb 6010, Total Pb 6010,				
Sample Time: 1150				PFOS/PFAS 537, 1,4-Dioxane 8270 SIM				
Sampled By: PZ								

GROUNDWATER MONITORING WELL PURGE FORM								
Site: Saginaw								
Well ID: MW-210				Depth to Water (ft BTOC): 4.49				
Inventum Sampler: PZ				Depth to Product (ft BTOC): NA				
Date: 11/11/2021				Total Depth (ft BTOC): 5.75				
Purge Details								
Time Start: 1050				Comments/Notes:				
Time Ended: 1105								
Total Purge Volume: ~ 2 Gallons								
Time	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
10:50	100 mL/60 Sec	7.2	17.5	21.25	438.1	-131.7	4.2	4.68
10:53	100 mL/60 Sec	6.8	17.3	10.61	427.8	-109.9	2.8	4.71
10:56	100 mL/60 Sec	6.76	17.3	10.11	432.2	-105.3	2.1	4.85
10:59	100 mL/60 Sec	6.75	17.3	4.3	439.9	-107	1.1	4.95
11:03	100 mL/60 Sec	6.8	17.3	2.26	437.1	-110	1.1	5.25
Sample Details								
Sample Date: 11/11/2021				Analysis: PCBs 8082, Dissolved Pb 6010, Total Pb 6010				
Sample Time: 1105								
Sampled By: PZ								

GROUNDWATER MONITORING WELL PURGE FORM

Site: Saginaw

Well ID: MW-209	Depth to Water (ft BTOC): 3.52
Inventum Sampler: PZ	Depth to Product (ft BTOC): NA
Date: 11/11/2021	Total Depth (ft BTOC): 5.61

Purge Details

Time Start: 1015	Comments/Notes: 1 well volume = 0.33 gal
Time Ended: 1035	Let well recharge then collected sample
Total Purge Volume: ~ 1.5 Gallons	

Time	Volume	pH	Temperature	Turbidity	Conductivity	ORP	DO	DTW
10:17	100 mL/60 Sec	7.53	16.1	71.25	413.1	-122.5	5.2	3.92
10:20	100 mL/60 Sec	7.12	16.4	35	380.6	-120	3.2	4.31
10:23	100 mL/60 Sec	7.11	16.8	14.7	409.5	-121.4	1.3	4.69
10:26	100 mL/60 Sec	7.24	17.4	4.41	633	-140.8	0.5	5.1
10:30	100 mL/60 Sec	7.35	17.7	10.1	764	-157.2	1	5.4
10:33	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry

Sample Details

Sample Date: 11/11/2021	Analysis: PCBs 8082, Dissolved Pb 6010, Total Pb 6010
Sample Time: 1035	
Sampled By: PZ	

GROUNDWATER MONITORING WELL PURGE FORM							
Site: Saginaw							
Well ID: MW-208				Depth to Water (ft BTOC): 4.35			
Inventum Sampler: PZ				Depth to Product (ft BTOC): NA			
Date: 11/11/2021				Total Depth (ft BTOC): 5.58			
Purge Details							
Time Start: 955				Comments/Notes: 1 well volume = 0.20			
Time Ended: 1015							
Total Purge Volume: PZ							
Time	Flow	pH	Temperature	Turbidity	Conductivity	ORP	DO
10:05	100 mL/60 Sec	6.88	15	34.6	1388	-66	1.3
10:06	100 mL/60 Sec	6.86	15.3	33.71	1336	-79.8	1.3
10:07	100 mL/60 Sec	6.81	15.6	23.54	1464	-114.1	1.3
10:09	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Sample Details							
Sample Date: 11/11/2021				Analysis: PCBs 8082, Dissolved Pb 6010, Total Pb 6010,			
Sample Time: 1015				PFOS/PFAS 537			
Sampled By: PZ							

Appendix D – Laboratory Report

ANALYTICAL REPORT

Lab Number:	L2162405
Client:	Inventum Engineering 481 Carlisle Drive #202 Herndon, NY 20170
ATTN:	Todd Waldrop
Phone:	(571) 752-6562
Project Name:	E DELAVAN PROPERTY LLC-SAGINAW
Project Number:	Not Specified
Report Date:	12/01/21

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: E DELAVAN PROPERTY LLC-SAGINAW
Project Number: Not Specified

Lab Number: L2162405
Report Date: 12/01/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2162405-01	MW-208-11112021	WATER	SAGINAW	11/11/21 10:15	11/12/21
L2162405-02	MW-209-11112021	WATER	SAGINAW	11/11/21 10:35	11/12/21
L2162405-03	MH-2-11112021	WATER	SAGINAW	11/11/21 16:45	11/12/21
L2162405-04	MW-204-11112021	WATER	SAGINAW	11/11/21 16:15	11/12/21
L2162405-05	MW-211-11112021	WATER	SAGINAW	11/11/21 15:15	11/12/21
L2162405-06	MW-5-11112021	WATER	SAGINAW	11/11/21 14:40	11/12/21
L2162405-07	MW-205-11112021	WATER	SAGINAW	11/11/21 13:55	11/12/21
L2162405-08	MW-203-11112021	WATER	SAGINAW	11/11/21 13:30	11/12/21
L2162405-09	MW-202-11112021	WATER	SAGINAW	11/11/21 11:50	11/12/21
L2162405-10	MW-99-11112021	WATER	SAGINAW	11/11/21 08:00	11/12/21
L2162405-11	MW-210-11112021	WATER	SAGINAW	11/11/21 11:05	11/12/21
L2162405-12	MW-206-11112021	WATER	SAGINAW	11/11/21 12:50	11/12/21
L2162405-13	FIELD BLANK	WATER	SAGINAW	11/11/21 15:15	11/12/21
L2162405-14	FIELD BLANK	WATER	SAGINAW	11/11/21 11:50	11/12/21

Project Name:	E DELAVAN PROPERTY LLC-SAGINAW	**Lab Number:**	L2162405
Project Number:	Not Specified	**Report Date:**	12/01/21

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	E DELAVAN PROPERTY LLC-SAGINAW	**Lab Number:**	L2162405
Project Number:	Not Specified	**Report Date:**	12/01/21

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2162405-04: Sample containers for PFAS were received, but were not listed on the chain of custody. At the client's request, the analysis was performed.

L2162405-05 and -09: Sample containers for Dissolved Metals were received, but were not listed on the chain of custody. At the client's request, the analysis was performed.

Perfluorinated Alkyl Acids by Isotope Dilution

L2162405-04, -05, and -09: The sample was centrifuged and decanted prior to extraction due to sample matrix.

L2162405-04, -05, -09, -13, -14, WG1573434-1, and WG1573434-2: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

Dissolved Metals

L2162405-02: The sample has an elevated detection limit for all elements due to the prep dilution required by the limited sample volume available for analysis.

The WG1572726-3 MS recovery for sodium (130%), performed on L2162405-01, does not apply because the sample concentration is greater than four times the spike amount added.

The WG1572726-4 Laboratory Duplicate RPD for arsenic (23%), performed on L2162405-01, is above the acceptance criteria; however, the sample and duplicate results are less than five times the reporting limit. Therefore, the RPD is valid.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative Date: 12/01/21

ORGANICS

SEMIVOLATILES

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-04
Client ID: MW-204-11112021
Sample Location: SAGINAW

Date Collected: 11/11/21 16:15
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/26/21 20:45
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 11/19/21 07:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	17.1		ng/l	1.95	0.398	1
Perfluoropentanoic Acid (PFPeA)	60.8		ng/l	1.95	0.387	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.95	0.232	1
Perfluorohexanoic Acid (PFHxA)	25.7		ng/l	1.95	0.320	1
Perfluoroheptanoic Acid (PFHpA)	24.9		ng/l	1.95	0.220	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.95	0.367	1
Perfluorooctanoic Acid (PFOA)	12.8		ng/l	1.95	0.230	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	40.5		ng/l	1.95	1.30	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.95	0.672	1
Perfluorononanoic Acid (PFNA)	4.25		ng/l	1.95	0.305	1
Perfluorooctanesulfonic Acid (PFOS)	1.14	J	ng/l	1.95	0.492	1
Perfluorodecanoic Acid (PFDA)	0.594	J	ng/l	1.95	0.297	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	18.9		ng/l	1.95	1.18	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.95	0.633	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.95	0.254	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.95	0.957	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.95	0.566	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.95	0.785	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.95	0.363	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.95	0.320	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.95	0.242	1
PFOA/PFOS, Total	13.9	J	ng/l	1.95	0.230	1

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-04 Date Collected: 11/11/21 16:15

Client ID: MW-204-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	102		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	79		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	82		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	107		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**620**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	114		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	103		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**467**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	107		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	86		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	28		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	122		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	64		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	49		22-136

Project Name: E DELAVAN PROPERTY LLC-SAGINAW
Lab Number: L2162405
Project Number: Not Specified
Report Date: 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-05
Client ID: MW-211-11112021
Sample Location: SAGINAW

Date Collected: 11/11/21 15:15
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 11/20/21 06:39
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 11/18/21 13:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	5080		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-05
Client ID: MW-211-11112021
Sample Location: SAGINAW

Date Collected: 11/11/21 15:15
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/26/21 21:01
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 11/19/21 07:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	28.8		ng/l	1.85	0.377	1
Perfluoropentanoic Acid (PFPeA)	132		ng/l	1.85	0.366	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.85	0.220	1
Perfluorohexanoic Acid (PFHxA)	56.2		ng/l	1.85	0.303	1
Perfluoroheptanoic Acid (PFHpA)	44.8		ng/l	1.85	0.208	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.85	0.348	1
Perfluorooctanoic Acid (PFOA)	16.5		ng/l	1.85	0.218	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	81.4		ng/l	1.85	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.85	0.636	1
Perfluorononanoic Acid (PFNA)	5.14		ng/l	1.85	0.288	1
Perfluorooctanesulfonic Acid (PFOS)	7.07		ng/l	1.85	0.466	1
Perfluorodecanoic Acid (PFDA)	0.569	J	ng/l	1.85	0.281	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	17.6		ng/l	1.85	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.85	0.599	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.85	0.240	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.85	0.906	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.85	0.536	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.85	0.743	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.85	0.344	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.85	0.302	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.85	0.229	1
PFOA/PFOS, Total	23.6		ng/l	1.85	0.218	1

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-05 Date Collected: 11/11/21 15:15

Client ID: MW-211-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	108		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	72		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	95		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	107		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**821**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	120		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	105		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**637**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**145**	Q	24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	106		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	36		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**169**	Q	27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	73		22-136

Project Name: E DELAVAN PROPERTY LLC-SAGINAW
Lab Number: L2162405
Project Number: Not Specified
Report Date: 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-09
Client ID: MW-202-11112021
Sample Location: SAGINAW

Date Collected: 11/11/21 11:50
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 11/20/21 07:01
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 11/18/21 13:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	37		15-110

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-09
Client ID: MW-202-11112021
Sample Location: SAGINAW

Date Collected: 11/11/21 11:50
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/26/21 21:18
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 11/19/21 07:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.31		ng/l	1.95	0.398	1
Perfluoropentanoic Acid (PFPeA)	6.22		ng/l	1.95	0.386	1
Perfluorobutanesulfonic Acid (PFBS)	2.52		ng/l	1.95	0.232	1
Perfluorohexanoic Acid (PFHxA)	4.64		ng/l	1.95	0.320	1
Perfluoroheptanoic Acid (PFHpA)	2.50		ng/l	1.95	0.220	1
Perfluorohexanesulfonic Acid (PFHxS)	20.9		ng/l	1.95	0.366	1
Perfluorooctanoic Acid (PFOA)	5.71		ng/l	1.95	0.230	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.95	1.30	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.95	0.671	1
Perfluorononanoic Acid (PFNA)	0.402	J	ng/l	1.95	0.304	1
Perfluorooctanesulfonic Acid (PFOS)	13.4		ng/l	1.95	0.491	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.95	0.296	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.95	1.18	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.95	0.632	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.95	0.253	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.95	0.955	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.95	0.565	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.95	0.784	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.95	0.363	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.95	0.319	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.95	0.242	1
PFOA/PFOS, Total	19.1		ng/l	1.95	0.230	1

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-09 Date Collected: 11/11/21 11:50

Client ID: MW-202-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	101		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	86		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	80		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	107		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**436**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	94		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**229**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	86		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	26		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	88		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	65		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	54		22-136

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-13
Client ID: FIELD BLANK
Sample Location: SAGINAW

Date Collected: 11/11/21 15:15
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/26/21 21:35
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 11/19/21 07:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.88	0.383	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.88	0.372	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.88	0.223	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.88	0.308	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.88	0.211	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.88	0.353	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.88	0.221	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.88	1.25	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.88	0.645	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.88	0.293	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.88	0.473	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.88	0.285	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.88	1.14	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.88	0.608	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.88	0.244	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.88	0.919	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.88	0.544	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.88	0.754	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.88	0.349	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.88	0.307	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.88	0.233	1
PFOA/PFOS, Total	ND		ng/l	1.88	0.221	1

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-13 Date Collected: 11/11/21 15:15

Client ID: FIELD BLANK Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	109		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	111		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	118		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	114		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	112		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	120		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	109		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**160**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	113		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	113		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	109		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**167**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	106		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	111		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	39		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	120		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	86		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	76		22-136

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-14
Client ID: FIELD BLANK
Sample Location: SAGINAW

Date Collected: 11/11/21 11:50
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/26/21 21:51
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 11/19/21 07:29

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.88	0.384	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.88	0.373	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.88	0.224	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.88	0.309	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.88	0.212	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.88	0.354	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.88	0.222	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.88	1.25	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.88	0.648	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.88	0.294	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.88	0.474	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.88	0.286	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.88	1.14	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.88	0.610	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.88	0.245	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.88	0.923	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.88	0.546	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.88	0.757	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.88	0.350	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.88	0.308	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.88	0.234	1
PFOA/PFOS, Total	ND		ng/l	1.88	0.222	1

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-14 Date Collected: 11/11/21 11:50

Client ID: FIELD BLANK Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	106		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	102		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	116		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	110		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	109		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	121		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	105		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**163**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	109		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	109		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	102		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	161		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	99		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	101		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	37		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	106		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	82		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	66		22-136

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 11/20/21 01:14
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 11/18/21 13:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 05,09 Batch: WG1573002-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	44		15-110

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/26/21 19:55
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 11/19/21 07:29

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 04-05,09,13-14 Batch: WG1573434-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/26/21 19:55
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 11/19/21 07:29

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 04-05,09,13-14 Batch: WG1573434-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	106		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	106		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	107		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	107		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	114		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	106		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**160**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	109		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	110		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	105		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	160		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	103		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	108		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	45		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	120		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	86		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	75		22-136

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 11/30/21 12:35
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 11/19/21 07:29

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 04-05,09,13-14 Batch: WG1573434-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	85		10-112

Lab Control Sample Analysis

Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW

Project Number: Not Specified

Lab Number: L2162405

Report Date: 12/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab	Associated sample(s): 05,09		Batch: WG1573002-2 WG1573002-3					
1,4-Dioxane	109		112		40-140	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	38		41		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW

Project Number: Not Specified

Lab Number: L2162405

Report Date: 12/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-05,09,13-14 Batch: WG1573434-2								
Perfluorobutanoic Acid (PFBA)	101		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	100		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	97		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	100		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	102		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	113		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	105		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	125		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	104		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	98		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	114		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	104		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	108		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	116		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	104		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	101		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	101		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	108		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	99		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	126		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	106		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW

Project Number: Not Specified

Lab Number: L2162405

Report Date: 12/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-05,09,13-14 Batch: WG1573434-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	103				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	100				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	106				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	106				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	112				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	102				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**160**	Q			14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	108				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	101				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**168**	Q			10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	106				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	98				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	35				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	113				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	88				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	72				22-136

Lab Control Sample Analysis

Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW

Project Number: Not Specified

Lab Number: L2162405

Report Date: 12/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-05,09,13-14 Batch: WG1573434-2								
Perfluorooctanesulfonamide (FOSA)	111		-		46-170	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	68				10-112

Matrix Spike Analysis

Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW
Project Number: Not Specified
Lab Number: L2162405
Report Date: 12/01/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-05,09,13-14 QC Batch ID: WG1573434-3 QC Sample: L2162627-08 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	ND	39.8	40.0	101		-	-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	ND	39.8	39.8	100		-	-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	ND	35.3	34.7	98		-	-		65-157	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	37.2	40.8	110		-	-		37-219	-		30
Perfluorohexanoic Acid (PFHxA)	ND	39.8	39.8	100		-	-		69-168	-		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	37.4	39.8	106		-	-		52-156	-		30
Perfluoroheptanoic Acid (PFHpA)	ND	39.8	40.8	103		-	-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	36.4	39.7	109		-	-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	ND	39.8	41.0	103		-	-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	37.9	44.7	118		-	-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	37.9	38.5	102		-	-		61-179	-		30
Perfluorononanoic Acid (PFNA)	ND	39.8	39.6	100		-	-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	ND	36.9	41.6	113		-	-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	ND	39.8	41.6	105		-	-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	38.2	42.7	112		-	-		56-173	-		30
Perfluorononanesulfonic Acid (PFNS)	ND	38.2	36.2	95		-	-		48-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	39.8	42.5F	107		-	-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	39.8	39.6	100		-	-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	38.3	31.1	81		-	-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	ND	39.8	38.4	97		-	-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	39.8	43.6	110		-	-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	ND	39.8	43.3	109		-	-		67-153	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW
Project Number: Not Specified
Lab Number: L2162405
Report Date: 12/01/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-05,09,13-14 QC Batch ID: WG1573434-3 QC Sample: L2162627-08 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	39.8	59.0	148		-	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	39.8	41.3	104		-	-		59-182	-		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**308**	Q			10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	**176**	Q			12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**166**	Q			14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	74				27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	112				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	78				55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98				62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	102				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	102				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	109				71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	70				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	66				22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	101				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	98				62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	20				10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	106				69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100				62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106				59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	109				70-131

Lab Duplicate Analysis
Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW
Project Number: Not Specified

Lab Number: L2162405
Report Date: 12/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-05,09,13-14 QC Batch ID: WG1573434-4 QC Sample: L2162848-31 Client ID: DUP Sample						
Perfluorobutanoic Acid (PFBA)	ND	ND	ng/l	NC		30
Perfluoropentanoic Acid (PFPeA)	ND	ND	ng/l	NC		30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ng/l	NC		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	ND	ng/l	NC		30
Perfluorohexanoic Acid (PFHxA)	ND	ND	ng/l	NC		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	ND	ng/l	NC		30
Perfluoroheptanoic Acid (PFHpA)	ND	ND	ng/l	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ng/l	NC		30
Perfluorooctanoic Acid (PFOA)	ND	ND	ng/l	NC		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/l	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonic Acid (PFOS)	ND	ND	ng/l	NC		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/l	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/l	NC		30
Perfluorononanesulfonic Acid (PFNS)	ND	ND	ng/l	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/l	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/l	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/l	NC		30

Lab Duplicate Analysis
Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW
Project Number: Not Specified

Lab Number: L2162405
Report Date: 12/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-05,09,13-14 QC Batch ID: WG1573434-4 QC Sample: L2162848-31 Client ID: DUP Sample						
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/l	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/l	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/l	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/l	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	104		104		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	100		99		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	108		113		70-131
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	**161**	Q	**177**	Q	12-142
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	105		105		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	105		104		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	109		114		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		101		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**154**	Q	**151**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106		105		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	106		109		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	101		98		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**201**	Q	**169**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	96		89		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	103		94		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	26		36		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	116		116		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78		72		48-131

Lab Duplicate Analysis
Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW
Project Number: Not Specified

Lab Number: L2162405
Report Date: 12/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 04-05,09,13-14 QC Batch ID: WG1573434-4 QC Sample: L2162848-31 Client ID: DUP Sample						

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	55		60		22-136

PCBS

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-01
Client ID: MW-208-11112021
Sample Location: SAGINAW

Date Collected: 11/11/21 10:15
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 11/18/21 01:00
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 11/16/21 16:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/17/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/17/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-02
Client ID: MW-209-11112021
Sample Location: SAGINAW

Date Collected: 11/11/21 10:35
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 11/18/21 01:09
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 11/16/21 16:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/17/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/17/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	**161**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	**509**	Q	30-150	B

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-03
Client ID: MH-2-11112021
Sample Location: SAGINAW

Date Collected: 11/11/21 16:45
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 127,608.3
Analytical Date: 11/22/21 20:51
Analyst: JAW

Extraction Method: EPA 608.3
Extraction Date: 11/21/21 23:19
Cleanup Method: EPA 3665A
Cleanup Date: 11/22/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.050	0.008	1	A
Aroclor 1221	ND		ug/l	0.050	0.011	1	A
Aroclor 1232	ND		ug/l	0.050	0.023	1	A
Aroclor 1242	ND		ug/l	0.050	0.018	1	A
Aroclor 1248	ND		ug/l	0.050	0.023	1	A
Aroclor 1254	ND		ug/l	0.050	0.008	1	A
Aroclor 1260	ND		ug/l	0.050	0.017	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		37-123	A
Decachlorobiphenyl	59		38-114	A
2,4,5,6-Tetrachloro-m-xylene	64		37-123	B
Decachlorobiphenyl	60		38-114	B

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-04
Client ID: MW-204-11112021
Sample Location: SAGINAW

Date Collected: 11/11/21 16:15
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 11/18/21 09:20
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 11/16/21 16:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/17/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/17/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-05
Client ID: MW-211-11112021
Sample Location: SAGINAW

Date Collected: 11/11/21 15:15
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 11/18/21 09:31
Analyst: JAW

Extraction Method: EPA 3510C
Extraction Date: 11/16/21 16:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/17/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/17/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-06
Client ID: MW-5-11112021
Sample Location: SAGINAW

Date Collected: 11/11/21 14:40
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 11/18/21 01:35
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 11/16/21 16:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/17/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/17/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-07
Client ID: MW-205-11112021
Sample Location: SAGINAW

Date Collected: 11/11/21 13:55
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 11/18/21 01:44
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 11/16/21 16:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/17/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/17/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-08
Client ID: MW-203-11112021
Sample Location: SAGINAW

Date Collected: 11/11/21 13:30
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 11/18/21 01:53
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 11/16/21 16:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/17/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/17/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-09
Client ID: MW-202-11112021
Sample Location: SAGINAW

Date Collected: 11/11/21 11:50
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 11/18/21 02:01
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 11/16/21 16:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/17/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/17/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-10
Client ID: MW-99-11112021
Sample Location: SAGINAW

Date Collected: 11/11/21 08:00
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 11/18/21 02:10
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 11/16/21 16:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/17/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/17/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-11
Client ID: MW-210-11112021
Sample Location: SAGINAW

Date Collected: 11/11/21 11:05
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 11/18/21 03:21
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 11/16/21 16:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/17/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/17/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-12
Client ID: MW-206-11112021
Sample Location: SAGINAW

Date Collected: 11/11/21 12:50
Date Received: 11/12/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 11/18/21 03:29
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 11/16/21 16:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/17/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/17/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 11/18/21 02:19
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 11/16/21 16:25
Cleanup Method: EPA 3665A
Cleanup Date: 11/17/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/17/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02,04-12 Batch: WG1572161-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 127,608.3
Analytical Date: 11/22/21 20:05
Analyst: JAW

Extraction Method: EPA 608.3
Extraction Date: 11/21/21 23:19
Cleanup Method: EPA 3665A
Cleanup Date: 11/22/21
Cleanup Method: EPA 3660B
Cleanup Date: 11/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 03 Batch: WG1574274-1						
Aroclor 1016	ND		ug/l	0.050	0.008	A
Aroclor 1221	ND		ug/l	0.050	0.011	A
Aroclor 1232	ND		ug/l	0.050	0.023	A
Aroclor 1242	ND		ug/l	0.050	0.018	A
Aroclor 1248	ND		ug/l	0.050	0.023	A
Aroclor 1254	ND		ug/l	0.050	0.008	A
Aroclor 1260	ND		ug/l	0.050	0.017	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		37-123	A
Decachlorobiphenyl	58		38-114	A
2,4,5,6-Tetrachloro-m-xylene	52		37-123	B
Decachlorobiphenyl	59		38-114	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW

Project Number: Not Specified

Lab Number: L2162405

Report Date: 12/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02,04-12 Batch: WG1572161-2 WG1572161-3									
Aroclor 1016	68		67		40-140	1		50	A
Aroclor 1260	70		68		40-140	2		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		62		30-150	A
Decachlorobiphenyl	71		69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		68		30-150	B
Decachlorobiphenyl	78		87		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW

Project Number: Not Specified

Lab Number: L2162405

Report Date: 12/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 03 Batch: WG1574274-2									
Aroclor 1016	63		-		50-140	-		36	A
Aroclor 1260	64		-		8-140	-		38	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58				37-123	A
Decachlorobiphenyl	63				38-114	A
2,4,5,6-Tetrachloro-m-xylene	60				37-123	B
Decachlorobiphenyl	62				38-114	B

METALS

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-01 Date Collected: 11/11/21 10:15

Client ID: MW-208-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.169		mg/l	0.100	0.032	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Antimony, Total	ND		mg/l	0.050	0.007	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Arsenic, Total	0.009		mg/l	0.005	0.002	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Barium, Total	0.112		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Beryllium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Cadmium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Calcium, Total	182		mg/l	0.100	0.035	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Chromium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Cobalt, Total	0.005	J	mg/l	0.020	0.002	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Copper, Total	0.006	J	mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Iron, Total	8.04		mg/l	0.050	0.009	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Lead, Total	0.012		mg/l	0.010	0.003	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Magnesium, Total	45.3		mg/l	0.100	0.015	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Manganese, Total	1.39		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/17/21 15:31	11/17/21 22:09	EPA 7470A	1,7470A	AC
Nickel, Total	0.013	J	mg/l	0.025	0.002	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Potassium, Total	13.8		mg/l	2.50	0.237	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Selenium, Total	ND		mg/l	0.010	0.004	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Silver, Total	ND		mg/l	0.007	0.003	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Sodium, Total	177		mg/l	2.00	0.120	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Thallium, Total	ND		mg/l	0.020	0.003	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Vanadium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Zinc, Total	0.047	J	mg/l	0.050	0.002	1	11/17/21 15:27	11/30/21 20:44	EPA 3005A	1,6010D	DL
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.039	J	mg/l	0.100	0.032	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Antimony, Dissolved	ND		mg/l	0.050	0.007	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Arsenic, Dissolved	0.007		mg/l	0.005	0.002	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Barium, Dissolved	0.099		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Beryllium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-01 Date Collected: 11/11/21 10:15

Client ID: MW-208-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Calcium, Dissolved	189		mg/l	0.100	0.035	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Chromium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Cobalt, Dissolved	0.005	J	mg/l	0.020	0.002	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Copper, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Iron, Dissolved	0.010	J	mg/l	0.050	0.009	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Lead, Dissolved	ND		mg/l	0.010	0.003	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Magnesium, Dissolved	48.7		mg/l	0.100	0.015	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Manganese, Dissolved	1.46		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	11/26/21 12:06	11/26/21 15:37	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.020	J	mg/l	0.025	0.002	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Potassium, Dissolved	14.5		mg/l	2.50	0.237	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Selenium, Dissolved	ND		mg/l	0.010	0.004	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Silver, Dissolved	ND		mg/l	0.007	0.003	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Sodium, Dissolved	192		mg/l	2.00	0.120	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Thallium, Dissolved	ND		mg/l	0.020	0.003	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Vanadium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC
Zinc, Dissolved	0.028	J	mg/l	0.050	0.002	1	11/26/21 12:03	11/30/21 21:13	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-02 Date Collected: 11/11/21 10:35

Client ID: MW-209-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.470		mg/l	0.100	0.032	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Antimony, Total	ND		mg/l	0.050	0.007	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Arsenic, Total	ND		mg/l	0.005	0.002	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Barium, Total	0.035		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Beryllium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Cadmium, Total	0.002	J	mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Calcium, Total	30.7		mg/l	0.100	0.035	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Chromium, Total	0.003	J	mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Cobalt, Total	ND		mg/l	0.020	0.002	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Copper, Total	0.023		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Iron, Total	2.35		mg/l	0.050	0.009	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Lead, Total	0.011		mg/l	0.010	0.003	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Magnesium, Total	10.6		mg/l	0.100	0.015	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Manganese, Total	0.270		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/17/21 15:31	11/17/21 22:12	EPA 7470A	1,7470A	AC
Nickel, Total	0.028		mg/l	0.025	0.002	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Potassium, Total	0.930	J	mg/l	2.50	0.237	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Selenium, Total	ND		mg/l	0.010	0.004	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Silver, Total	ND		mg/l	0.007	0.003	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Sodium, Total	148		mg/l	2.00	0.120	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Thallium, Total	ND		mg/l	0.020	0.003	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Vanadium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Zinc, Total	0.106		mg/l	0.050	0.002	1	11/17/21 15:27	11/30/21 20:49	EPA 3005A	1,6010D	DL
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.200	0.064	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Antimony, Dissolved	ND		mg/l	0.100	0.014	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Arsenic, Dissolved	0.009	J	mg/l	0.010	0.004	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Barium, Dissolved	0.026		mg/l	0.020	0.004	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Beryllium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-02 Date Collected: 11/11/21 10:35

Client ID: MW-209-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Calcium, Dissolved	28.0		mg/l	0.200	0.070	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Chromium, Dissolved	ND		mg/l	0.020	0.004	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Cobalt, Dissolved	ND		mg/l	0.040	0.003	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Copper, Dissolved	ND		mg/l	0.020	0.004	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Iron, Dissolved	ND		mg/l	0.100	0.018	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Lead, Dissolved	ND		mg/l	0.020	0.005	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Magnesium, Dissolved	9.96		mg/l	0.200	0.031	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Manganese, Dissolved	0.184		mg/l	0.020	0.003	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Mercury, Dissolved	ND		mg/l	0.00500	0.00228	1	11/26/21 12:06	11/26/21 15:53	EPA 7470A	1,7470A	NB
Nickel, Dissolved	ND		mg/l	0.050	0.005	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Potassium, Dissolved	0.714	J	mg/l	5.00	0.474	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Selenium, Dissolved	ND		mg/l	0.020	0.007	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Silver, Dissolved	ND		mg/l	0.014	0.006	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Sodium, Dissolved	145		mg/l	4.00	0.240	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Thallium, Dissolved	ND		mg/l	0.040	0.005	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Vanadium, Dissolved	ND		mg/l	0.020	0.004	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC
Zinc, Dissolved	ND		mg/l	0.100	0.004	1	11/26/21 12:03	11/30/21 21:00	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-04 Date Collected: 11/11/21 16:15

Client ID: MW-204-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.032	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Antimony, Total	ND		mg/l	0.050	0.007	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Arsenic, Total	0.003	J	mg/l	0.005	0.002	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Barium, Total	0.333		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Beryllium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Cadmium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Calcium, Total	92.9		mg/l	0.100	0.035	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Chromium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Cobalt, Total	ND		mg/l	0.020	0.002	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Copper, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Iron, Total	8.66		mg/l	0.050	0.009	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Lead, Total	ND		mg/l	0.010	0.003	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Magnesium, Total	9.32		mg/l	0.100	0.015	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Manganese, Total	0.310		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/17/21 15:31	11/17/21 22:15	EPA 7470A	1,7470A	AC
Nickel, Total	ND		mg/l	0.025	0.002	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Potassium, Total	8.29		mg/l	2.50	0.237	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Selenium, Total	ND		mg/l	0.010	0.004	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Silver, Total	ND		mg/l	0.007	0.003	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Sodium, Total	33.1		mg/l	2.00	0.120	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Thallium, Total	ND		mg/l	0.020	0.003	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Vanadium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Zinc, Total	0.011	J	mg/l	0.050	0.002	1	11/17/21 15:27	11/30/21 20:54	EPA 3005A	1,6010D	DL
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.032	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Antimony, Dissolved	ND		mg/l	0.050	0.007	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Arsenic, Dissolved	0.003	J	mg/l	0.005	0.002	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Barium, Dissolved	0.292		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Beryllium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-04 Date Collected: 11/11/21 16:15

Client ID: MW-204-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Calcium, Dissolved	95.2		mg/l	0.100	0.035	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Chromium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Cobalt, Dissolved	ND		mg/l	0.020	0.002	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Copper, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Iron, Dissolved	ND		mg/l	0.050	0.009	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Lead, Dissolved	ND		mg/l	0.010	0.003	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Magnesium, Dissolved	9.72		mg/l	0.100	0.015	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Manganese, Dissolved	0.312		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	11/26/21 12:06	11/26/21 15:56	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.004	J	mg/l	0.025	0.002	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Potassium, Dissolved	9.09		mg/l	2.50	0.237	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Selenium, Dissolved	ND		mg/l	0.010	0.004	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Silver, Dissolved	ND		mg/l	0.007	0.003	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Sodium, Dissolved	35.5		mg/l	2.00	0.120	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Thallium, Dissolved	ND		mg/l	0.020	0.003	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Vanadium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC
Zinc, Dissolved	ND		mg/l	0.050	0.002	1	11/26/21 12:03	11/30/21 21:04	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-05 Date Collected: 11/11/21 15:15

Client ID: MW-211-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.174		mg/l	0.100	0.032	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Antimony, Total	ND		mg/l	0.050	0.007	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Arsenic, Total	ND		mg/l	0.005	0.002	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Barium, Total	0.414		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Beryllium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Cadmium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Calcium, Total	161		mg/l	0.100	0.035	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Chromium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Cobalt, Total	ND		mg/l	0.020	0.002	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Copper, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Iron, Total	3.64		mg/l	0.050	0.009	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Lead, Total	0.015		mg/l	0.010	0.003	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Magnesium, Total	22.7		mg/l	0.100	0.015	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Manganese, Total	0.267		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/17/21 15:31	11/17/21 22:18	EPA 7470A	1,7470A	AC
Nickel, Total	ND		mg/l	0.025	0.002	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Potassium, Total	12.0		mg/l	2.50	0.237	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Selenium, Total	ND		mg/l	0.010	0.004	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Silver, Total	ND		mg/l	0.007	0.003	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Sodium, Total	25.0		mg/l	2.00	0.120	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Thallium, Total	ND		mg/l	0.020	0.003	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Vanadium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Zinc, Total	0.034	J	mg/l	0.050	0.002	1	11/17/21 15:27	11/30/21 20:59	EPA 3005A	1,6010D	DL
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.037	J	mg/l	0.100	0.032	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Antimony, Dissolved	ND		mg/l	0.050	0.007	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Arsenic, Dissolved	0.003	J	mg/l	0.005	0.002	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Barium, Dissolved	0.383		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Beryllium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-05 Date Collected: 11/11/21 15:15

Client ID: MW-211-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Calcium, Dissolved	167		mg/l	0.100	0.035	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Chromium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Cobalt, Dissolved	ND		mg/l	0.020	0.002	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Copper, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Iron, Dissolved	ND		mg/l	0.050	0.009	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Lead, Dissolved	ND		mg/l	0.010	0.003	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Magnesium, Dissolved	24.2		mg/l	0.100	0.015	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Manganese, Dissolved	0.266		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	11/26/21 12:06	11/26/21 16:00	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.003	J	mg/l	0.025	0.002	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Potassium, Dissolved	12.7		mg/l	2.50	0.237	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Selenium, Dissolved	ND		mg/l	0.010	0.004	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Silver, Dissolved	ND		mg/l	0.007	0.003	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Sodium, Dissolved	26.8		mg/l	2.00	0.120	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Thallium, Dissolved	ND		mg/l	0.020	0.003	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Vanadium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC
Zinc, Dissolved	ND		mg/l	0.050	0.002	1	11/26/21 12:03	11/30/21 21:09	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-06 Date Collected: 11/11/21 14:40

Client ID: MW-5-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.032	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Antimony, Total	ND		mg/l	0.050	0.007	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Arsenic, Total	ND		mg/l	0.005	0.002	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Barium, Total	0.465		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Beryllium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Cadmium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Calcium, Total	123		mg/l	0.100	0.035	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Chromium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Cobalt, Total	ND		mg/l	0.020	0.002	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Copper, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Iron, Total	4.51		mg/l	0.050	0.009	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Lead, Total	0.004	J	mg/l	0.010	0.003	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Magnesium, Total	28.0		mg/l	0.100	0.015	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Manganese, Total	0.530		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/17/21 15:31	11/17/21 22:22	EPA 7470A	1,7470A	AC
Nickel, Total	0.003	J	mg/l	0.025	0.002	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Potassium, Total	12.2		mg/l	2.50	0.237	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Selenium, Total	ND		mg/l	0.010	0.004	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Silver, Total	ND		mg/l	0.007	0.003	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Sodium, Total	87.1		mg/l	2.00	0.120	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Thallium, Total	ND		mg/l	0.020	0.003	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Vanadium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Zinc, Total	0.011	J	mg/l	0.050	0.002	1	11/17/21 15:27	11/30/21 21:04	EPA 3005A	1,6010D	DL
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.032	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Antimony, Dissolved	ND		mg/l	0.050	0.007	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Arsenic, Dissolved	0.005		mg/l	0.005	0.002	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Barium, Dissolved	0.424		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Beryllium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-06 Date Collected: 11/11/21 14:40

Client ID: MW-5-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Calcium, Dissolved	122		mg/l	0.100	0.035	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Chromium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Cobalt, Dissolved	ND		mg/l	0.020	0.002	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Copper, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Iron, Dissolved	ND		mg/l	0.050	0.009	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Lead, Dissolved	0.003	J	mg/l	0.010	0.003	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Magnesium, Dissolved	30.7		mg/l	0.100	0.015	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Manganese, Dissolved	0.514		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	11/26/21 12:06	11/26/21 16:03	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.007	J	mg/l	0.025	0.002	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Potassium, Dissolved	12.7		mg/l	2.50	0.237	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Selenium, Dissolved	ND		mg/l	0.010	0.004	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Silver, Dissolved	ND		mg/l	0.007	0.003	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Sodium, Dissolved	100		mg/l	2.00	0.120	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Thallium, Dissolved	ND		mg/l	0.020	0.003	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Vanadium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC
Zinc, Dissolved	ND		mg/l	0.050	0.002	1	11/26/21 12:03	11/30/21 21:45	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-07 Date Collected: 11/11/21 13:55

Client ID: MW-205-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.608		mg/l	0.100	0.032	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Antimony, Total	ND		mg/l	0.050	0.007	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Arsenic, Total	0.005		mg/l	0.005	0.002	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Barium, Total	0.095		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Beryllium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Cadmium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Calcium, Total	55.6		mg/l	0.100	0.035	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Chromium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Cobalt, Total	ND		mg/l	0.020	0.002	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Copper, Total	0.020		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Iron, Total	2.39		mg/l	0.050	0.009	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Lead, Total	0.006	J	mg/l	0.010	0.003	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Magnesium, Total	12.4		mg/l	0.100	0.015	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Manganese, Total	0.693		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/17/21 15:31	11/17/21 22:25	EPA 7470A	1,7470A	AC
Nickel, Total	0.005	J	mg/l	0.025	0.002	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Potassium, Total	3.35		mg/l	2.50	0.237	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Selenium, Total	ND		mg/l	0.010	0.004	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Silver, Total	ND		mg/l	0.007	0.003	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Sodium, Total	410		mg/l	2.00	0.120	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Thallium, Total	ND		mg/l	0.020	0.003	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Vanadium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Zinc, Total	0.049	J	mg/l	0.050	0.002	1	11/17/21 15:27	11/30/21 21:09	EPA 3005A	1,6010D	DL
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.032	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Antimony, Dissolved	ND		mg/l	0.050	0.007	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Arsenic, Dissolved	0.008		mg/l	0.005	0.002	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Barium, Dissolved	0.094		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Beryllium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-07 Date Collected: 11/11/21 13:55

Client ID: MW-205-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Calcium, Dissolved	55.7		mg/l	0.100	0.035	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Chromium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Cobalt, Dissolved	ND		mg/l	0.020	0.002	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Copper, Dissolved	0.014		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Iron, Dissolved	ND		mg/l	0.050	0.009	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Lead, Dissolved	ND		mg/l	0.010	0.003	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Magnesium, Dissolved	12.7		mg/l	0.100	0.015	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Manganese, Dissolved	0.800		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	11/26/21 12:06	11/26/21 16:06	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.008	J	mg/l	0.025	0.002	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Potassium, Dissolved	3.50		mg/l	2.50	0.237	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Selenium, Dissolved	ND		mg/l	0.010	0.004	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Silver, Dissolved	ND		mg/l	0.007	0.003	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Sodium, Dissolved	473		mg/l	2.00	0.120	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Thallium, Dissolved	ND		mg/l	0.020	0.003	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Vanadium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC
Zinc, Dissolved	0.011	J	mg/l	0.050	0.002	1	11/26/21 12:03	11/30/21 21:49	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-08 Date Collected: 11/11/21 13:30

Client ID: MW-203-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.057	J	mg/l	0.100	0.032	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Antimony, Total	ND		mg/l	0.050	0.007	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Arsenic, Total	ND		mg/l	0.005	0.002	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Barium, Total	0.361		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Beryllium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Cadmium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Calcium, Total	127		mg/l	0.100	0.035	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Chromium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Cobalt, Total	ND		mg/l	0.020	0.002	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Copper, Total	0.012		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Iron, Total	0.413		mg/l	0.050	0.009	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Lead, Total	ND		mg/l	0.010	0.003	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Magnesium, Total	12.0		mg/l	0.100	0.015	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Manganese, Total	0.177		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/17/21 15:31	11/17/21 22:28	EPA 7470A	1,7470A	AC
Nickel, Total	0.004	J	mg/l	0.025	0.002	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Potassium, Total	6.28		mg/l	2.50	0.237	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Selenium, Total	ND		mg/l	0.010	0.004	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Silver, Total	ND		mg/l	0.007	0.003	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Sodium, Total	22.1		mg/l	2.00	0.120	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Thallium, Total	ND		mg/l	0.020	0.003	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Vanadium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Zinc, Total	0.021	J	mg/l	0.050	0.002	1	11/17/21 15:27	11/30/21 22:31	EPA 3005A	1,6010D	DL
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.044	J	mg/l	0.100	0.032	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Antimony, Dissolved	ND		mg/l	0.050	0.007	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Arsenic, Dissolved	0.006		mg/l	0.005	0.002	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Barium, Dissolved	0.359		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Beryllium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-08 Date Collected: 11/11/21 13:30

Client ID: MW-203-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Calcium, Dissolved	126		mg/l	0.100	0.035	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Chromium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Cobalt, Dissolved	ND		mg/l	0.020	0.002	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Copper, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Iron, Dissolved	0.012	J	mg/l	0.050	0.009	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Lead, Dissolved	ND		mg/l	0.010	0.003	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Magnesium, Dissolved	12.4		mg/l	0.100	0.015	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Manganese, Dissolved	0.176		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	11/26/21 12:06	11/26/21 16:10	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.006	J	mg/l	0.025	0.002	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Potassium, Dissolved	6.48		mg/l	2.50	0.237	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Selenium, Dissolved	ND		mg/l	0.010	0.004	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Silver, Dissolved	ND		mg/l	0.007	0.003	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Sodium, Dissolved	22.8		mg/l	2.00	0.120	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Thallium, Dissolved	ND		mg/l	0.020	0.003	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Vanadium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC
Zinc, Dissolved	ND		mg/l	0.050	0.002	1	11/26/21 12:03	11/30/21 21:54	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-09 Date Collected: 11/11/21 11:50

Client ID: MW-202-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.045	J	mg/l	0.100	0.032	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Antimony, Total	ND		mg/l	0.050	0.007	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Arsenic, Total	0.003	J	mg/l	0.005	0.002	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Barium, Total	0.122		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Beryllium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Cadmium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Calcium, Total	106		mg/l	0.100	0.035	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Chromium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Cobalt, Total	ND		mg/l	0.020	0.002	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Copper, Total	0.006	J	mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Iron, Total	15.7		mg/l	0.050	0.009	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Lead, Total	ND		mg/l	0.010	0.003	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Magnesium, Total	9.86		mg/l	0.100	0.015	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Manganese, Total	0.919		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/17/21 15:31	11/17/21 22:32	EPA 7470A	1,7470A	AC
Nickel, Total	0.020	J	mg/l	0.025	0.002	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Potassium, Total	31.3		mg/l	2.50	0.237	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Selenium, Total	ND		mg/l	0.010	0.004	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Silver, Total	ND		mg/l	0.007	0.003	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Sodium, Total	13.2		mg/l	2.00	0.120	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Thallium, Total	ND		mg/l	0.020	0.003	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Vanadium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Zinc, Total	0.024	J	mg/l	0.050	0.002	1	11/17/21 15:27	11/30/21 22:36	EPA 3005A	1,6010D	DL
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.032	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Antimony, Dissolved	ND		mg/l	0.050	0.007	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Arsenic, Dissolved	0.004	J	mg/l	0.005	0.002	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Barium, Dissolved	0.058		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Beryllium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-09 Date Collected: 11/11/21 11:50

Client ID: MW-202-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Calcium, Dissolved	110		mg/l	0.100	0.035	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Chromium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Cobalt, Dissolved	ND		mg/l	0.020	0.002	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Copper, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Iron, Dissolved	ND		mg/l	0.050	0.009	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Lead, Dissolved	ND		mg/l	0.010	0.003	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Magnesium, Dissolved	10.8		mg/l	0.100	0.015	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Manganese, Dissolved	0.881		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	11/26/21 12:06	11/26/21 16:13	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.017	J	mg/l	0.025	0.002	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Potassium, Dissolved	29.8		mg/l	2.50	0.237	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Selenium, Dissolved	ND		mg/l	0.010	0.004	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Silver, Dissolved	ND		mg/l	0.007	0.003	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Sodium, Dissolved	13.9		mg/l	2.00	0.120	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Thallium, Dissolved	ND		mg/l	0.020	0.003	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Vanadium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC
Zinc, Dissolved	ND		mg/l	0.050	0.002	1	11/26/21 12:03	11/30/21 21:58	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-10 Date Collected: 11/11/21 08:00

Client ID: MW-99-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.032	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Antimony, Total	ND		mg/l	0.050	0.007	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Arsenic, Total	ND		mg/l	0.005	0.002	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Barium, Total	0.117		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Beryllium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Cadmium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Calcium, Total	127		mg/l	0.100	0.035	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Chromium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Cobalt, Total	ND		mg/l	0.020	0.002	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Copper, Total	0.003	J	mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Iron, Total	16.0		mg/l	0.050	0.009	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Lead, Total	ND		mg/l	0.010	0.003	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Magnesium, Total	11.7		mg/l	0.100	0.015	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Manganese, Total	0.925		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/17/21 15:31	11/17/21 22:42	EPA 7470A	1,7470A	AC
Nickel, Total	0.013	J	mg/l	0.025	0.002	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Potassium, Total	20.2		mg/l	2.50	0.237	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Selenium, Total	ND		mg/l	0.010	0.004	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Silver, Total	ND		mg/l	0.007	0.003	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Sodium, Total	14.4		mg/l	2.00	0.120	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Thallium, Total	ND		mg/l	0.020	0.003	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Vanadium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Zinc, Total	0.017	J	mg/l	0.050	0.002	1	11/17/21 15:27	11/30/21 22:41	EPA 3005A	1,6010D	DL
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.034	J	mg/l	0.100	0.032	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Antimony, Dissolved	ND		mg/l	0.050	0.007	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Arsenic, Dissolved	0.003	J	mg/l	0.005	0.002	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Barium, Dissolved	0.059		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Beryllium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-10 Date Collected: 11/11/21 08:00

Client ID: MW-99-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Calcium, Dissolved	122		mg/l	0.100	0.035	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Chromium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Cobalt, Dissolved	ND		mg/l	0.020	0.002	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Copper, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Iron, Dissolved	ND		mg/l	0.050	0.009	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Lead, Dissolved	ND		mg/l	0.010	0.003	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Magnesium, Dissolved	12.0		mg/l	0.100	0.015	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Manganese, Dissolved	0.921		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	11/26/21 12:06	11/26/21 16:16	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.015	J	mg/l	0.025	0.002	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Potassium, Dissolved	22.8		mg/l	2.50	0.237	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Selenium, Dissolved	ND		mg/l	0.010	0.004	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Silver, Dissolved	ND		mg/l	0.007	0.003	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Sodium, Dissolved	14.9		mg/l	2.00	0.120	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Thallium, Dissolved	ND		mg/l	0.020	0.003	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Vanadium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC
Zinc, Dissolved	ND		mg/l	0.050	0.002	1	11/26/21 12:03	11/30/21 22:02	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-11 Date Collected: 11/11/21 11:05

Client ID: MW-210-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.100	0.032	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Antimony, Total	ND		mg/l	0.050	0.007	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Arsenic, Total	ND		mg/l	0.005	0.002	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Barium, Total	0.106		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Beryllium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Cadmium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Calcium, Total	79.8		mg/l	0.100	0.035	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Chromium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Cobalt, Total	ND		mg/l	0.020	0.002	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Copper, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Iron, Total	0.015	J	mg/l	0.050	0.009	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Lead, Total	ND		mg/l	0.010	0.003	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Magnesium, Total	10.5		mg/l	0.100	0.015	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Manganese, Total	0.239		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/17/21 15:31	11/17/21 22:45	EPA 7470A	1,7470A	AC
Nickel, Total	ND		mg/l	0.025	0.002	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Potassium, Total	1.64	J	mg/l	2.50	0.237	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Selenium, Total	ND		mg/l	0.010	0.004	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Silver, Total	ND		mg/l	0.007	0.003	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Sodium, Total	44.5		mg/l	2.00	0.120	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Thallium, Total	ND		mg/l	0.020	0.003	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Vanadium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Zinc, Total	0.014	J	mg/l	0.050	0.002	1	11/17/21 15:27	11/30/21 22:46	EPA 3005A	1,6010D	DL
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.100	0.032	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Antimony, Dissolved	ND		mg/l	0.050	0.007	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Arsenic, Dissolved	0.004	J	mg/l	0.005	0.002	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Barium, Dissolved	0.123		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Beryllium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-11 Date Collected: 11/11/21 11:05

Client ID: MW-210-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Calcium, Dissolved	82.2		mg/l	0.100	0.035	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Chromium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Cobalt, Dissolved	ND		mg/l	0.020	0.002	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Copper, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Iron, Dissolved	0.046	J	mg/l	0.050	0.009	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Lead, Dissolved	ND		mg/l	0.010	0.003	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Magnesium, Dissolved	10.9		mg/l	0.100	0.015	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Manganese, Dissolved	0.179		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	11/26/21 12:06	11/26/21 16:19	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.005	J	mg/l	0.025	0.002	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Potassium, Dissolved	1.79	J	mg/l	2.50	0.237	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Selenium, Dissolved	ND		mg/l	0.010	0.004	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Silver, Dissolved	ND		mg/l	0.007	0.003	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Sodium, Dissolved	45.1		mg/l	2.00	0.120	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Thallium, Dissolved	ND		mg/l	0.020	0.003	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Vanadium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC
Zinc, Dissolved	0.004	J	mg/l	0.050	0.002	1	11/26/21 12:03	11/30/21 22:07	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-12 Date Collected: 11/11/21 12:50

Client ID: MW-206-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.037	J	mg/l	0.100	0.032	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Antimony, Total	ND		mg/l	0.050	0.007	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Arsenic, Total	0.002	J	mg/l	0.005	0.002	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Barium, Total	0.184		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Beryllium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Cadmium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Calcium, Total	165		mg/l	0.100	0.035	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Chromium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Cobalt, Total	ND		mg/l	0.020	0.002	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Copper, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Iron, Total	8.51		mg/l	0.050	0.009	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Lead, Total	0.020		mg/l	0.010	0.003	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Magnesium, Total	16.7		mg/l	0.100	0.015	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Manganese, Total	0.489		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/17/21 15:31	11/17/21 22:48	EPA 7470A	1,7470A	AC
Nickel, Total	0.006	J	mg/l	0.025	0.002	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Potassium, Total	10.3		mg/l	2.50	0.237	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Selenium, Total	ND		mg/l	0.010	0.004	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Silver, Total	ND		mg/l	0.007	0.003	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Sodium, Total	16.4		mg/l	2.00	0.120	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Thallium, Total	ND		mg/l	0.020	0.003	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Vanadium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Zinc, Total	0.086		mg/l	0.050	0.002	1	11/17/21 15:27	11/30/21 22:52	EPA 3005A	1,6010D	DL
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.040	J	mg/l	0.100	0.032	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Antimony, Dissolved	ND		mg/l	0.050	0.007	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Arsenic, Dissolved	0.004	J	mg/l	0.005	0.002	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Barium, Dissolved	0.167		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Beryllium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

SAMPLE RESULTS

Lab ID: L2162405-12 Date Collected: 11/11/21 12:50

Client ID: MW-206-11112021 Date Received: 11/12/21

Sample Location: SAGINAW Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Calcium, Dissolved	165		mg/l	0.100	0.035	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Chromium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Cobalt, Dissolved	ND		mg/l	0.020	0.002	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Copper, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Iron, Dissolved	0.965		mg/l	0.050	0.009	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Lead, Dissolved	ND		mg/l	0.010	0.003	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Magnesium, Dissolved	17.6		mg/l	0.100	0.015	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Manganese, Dissolved	0.501		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	11/26/21 12:06	11/26/21 16:23	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.008	J	mg/l	0.025	0.002	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Potassium, Dissolved	10.8		mg/l	2.50	0.237	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Selenium, Dissolved	ND		mg/l	0.010	0.004	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Silver, Dissolved	ND		mg/l	0.007	0.003	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Sodium, Dissolved	16.7		mg/l	2.00	0.120	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Thallium, Dissolved	ND		mg/l	0.020	0.003	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Vanadium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC
Zinc, Dissolved	0.057		mg/l	0.050	0.002	1	11/26/21 12:03	11/30/21 22:11	EPA 3005A	1,6010D	MC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04-12 Batch: WG1572538-1										
Aluminum, Total	ND		mg/l	0.100	0.032	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Antimony, Total	ND		mg/l	0.050	0.007	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Arsenic, Total	ND		mg/l	0.005	0.002	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Barium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Beryllium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Cadmium, Total	ND		mg/l	0.005	0.001	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Calcium, Total	ND		mg/l	0.100	0.035	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Chromium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Cobalt, Total	ND		mg/l	0.020	0.002	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Copper, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Iron, Total	ND		mg/l	0.050	0.009	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Lead, Total	ND		mg/l	0.010	0.003	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Magnesium, Total	ND		mg/l	0.100	0.015	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Manganese, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Nickel, Total	ND		mg/l	0.025	0.002	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Potassium, Total	ND		mg/l	2.50	0.237	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Selenium, Total	ND		mg/l	0.010	0.004	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Silver, Total	ND		mg/l	0.007	0.003	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Sodium, Total	ND		mg/l	2.00	0.120	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Thallium, Total	ND		mg/l	0.020	0.003	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Vanadium, Total	ND		mg/l	0.010	0.002	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL
Zinc, Total	ND		mg/l	0.050	0.002	1	11/17/21 15:27	11/30/21 19:23	1,6010D	DL

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02,04-12 Batch: WG1572541-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	11/17/21 15:31	11/17/21 21:22	1,7470A	AC

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-02,04-12 Batch: WG1572726-1										
Aluminum, Dissolved	ND		mg/l	0.100	0.032	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Antimony, Dissolved	ND		mg/l	0.050	0.007	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Arsenic, Dissolved	0.002	J	mg/l	0.005	0.002	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Barium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Beryllium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Cadmium, Dissolved	ND		mg/l	0.005	0.001	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Calcium, Dissolved	ND		mg/l	0.100	0.035	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Chromium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Cobalt, Dissolved	ND		mg/l	0.020	0.002	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Copper, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Iron, Dissolved	ND		mg/l	0.050	0.009	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Lead, Dissolved	ND		mg/l	0.010	0.003	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Magnesium, Dissolved	ND		mg/l	0.100	0.015	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Manganese, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Nickel, Dissolved	ND		mg/l	0.025	0.002	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Potassium, Dissolved	ND		mg/l	2.50	0.237	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Selenium, Dissolved	ND		mg/l	0.010	0.004	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Silver, Dissolved	ND		mg/l	0.007	0.003	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Sodium, Dissolved	ND		mg/l	2.00	0.120	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Thallium, Dissolved	ND		mg/l	0.020	0.003	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Vanadium, Dissolved	ND		mg/l	0.010	0.002	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC
Zinc, Dissolved	0.011	J	mg/l	0.050	0.002	1	11/26/21 12:03	11/30/21 20:51	1,6010D	MC

Prep Information

Digestion Method: EPA 3005A

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: Not Specified **Report Date:** 12/01/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-02,04-12 Batch: WG1572727-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	11/26/21 12:06	11/26/21 15:30	1,7470A	NB

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW

Project Number: Not Specified

Lab Number: L2162405

Report Date: 12/01/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-12 Batch: WG1572538-2								
Aluminum, Total	101		-		80-120	-		
Antimony, Total	93		-		80-120	-		
Arsenic, Total	104		-		80-120	-		
Barium, Total	96		-		80-120	-		
Beryllium, Total	100		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Calcium, Total	94		-		80-120	-		
Chromium, Total	93		-		80-120	-		
Cobalt, Total	92		-		80-120	-		
Copper, Total	94		-		80-120	-		
Iron, Total	99		-		80-120	-		
Lead, Total	97		-		80-120	-		
Magnesium, Total	95		-		80-120	-		
Manganese, Total	94		-		80-120	-		
Nickel, Total	95		-		80-120	-		
Potassium, Total	99		-		80-120	-		
Selenium, Total	101		-		80-120	-		
Silver, Total	98		-		80-120	-		
Sodium, Total	100		-		80-120	-		
Thallium, Total	97		-		80-120	-		
Vanadium, Total	94		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW

Project Number: Not Specified

Lab Number: L2162405

Report Date: 12/01/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-12 Batch: WG1572538-2					
Zinc, Total	97	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-12 Batch: WG1572541-2					
Mercury, Total	106	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW

Project Number: Not Specified

Lab Number: L2162405

Report Date: 12/01/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02,04-12 Batch: WG1572726-2					
Aluminum, Dissolved	96	-	80-120	-	
Antimony, Dissolved	96	-	80-120	-	
Arsenic, Dissolved	108	-	80-120	-	
Barium, Dissolved	98	-	80-120	-	
Beryllium, Dissolved	100	-	80-120	-	
Cadmium, Dissolved	97	-	80-120	-	
Calcium, Dissolved	96	-	80-120	-	
Chromium, Dissolved	96	-	80-120	-	
Cobalt, Dissolved	92	-	80-120	-	
Copper, Dissolved	96	-	80-120	-	
Iron, Dissolved	92	-	80-120	-	
Lead, Dissolved	94	-	80-120	-	
Magnesium, Dissolved	98	-	80-120	-	
Manganese, Dissolved	93	-	80-120	-	
Nickel, Dissolved	92	-	80-120	-	
Potassium, Dissolved	103	-	80-120	-	
Selenium, Dissolved	101	-	80-120	-	
Silver, Dissolved	99	-	80-120	-	
Sodium, Dissolved	103	-	80-120	-	
Thallium, Dissolved	97	-	80-120	-	
Vanadium, Dissolved	95	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW

Project Number: Not Specified

Lab Number: L2162405

Report Date: 12/01/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02,04-12 Batch: WG1572726-2					
Zinc, Dissolved	96	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02,04-12 Batch: WG1572727-2					
Mercury, Dissolved	102	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW
Project Number: Not Specified

Lab Number: L2162405
Report Date: 12/01/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-12 QC Batch ID: WG1572538-3 QC Sample: L2160868-01 Client ID: MS Sample												
Aluminum, Total	0.202	2	2.24	102		-	-		75-125	-		20
Antimony, Total	ND	0.5	0.461	92		-	-		75-125	-		20
Arsenic, Total	ND	0.12	0.125	104		-	-		75-125	-		20
Barium, Total	0.039	2	1.95	96		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.051	101		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.051	96		-	-		75-125	-		20
Calcium, Total	10.0	10	19.2	92		-	-		75-125	-		20
Chromium, Total	ND	0.2	0.185	92		-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.449	90		-	-		75-125	-		20
Copper, Total	ND	0.25	0.237	95		-	-		75-125	-		20
Iron, Total	1.37	1	2.35	98		-	-		75-125	-		20
Lead, Total	0.003J	0.53	0.498	94		-	-		75-125	-		20
Magnesium, Total	2.41	10	11.5	91		-	-		75-125	-		20
Manganese, Total	0.423	0.5	0.883	92		-	-		75-125	-		20
Nickel, Total	ND	0.5	0.463	93		-	-		75-125	-		20
Potassium, Total	2.30J	10	12.2	122		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.123	102		-	-		75-125	-		20
Silver, Total	ND	0.05	0.048	96		-	-		75-125	-		20
Sodium, Total	99.0	10	108	90		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.108	90		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.470	94		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW
Project Number: Not Specified

Lab Number: L2162405
Report Date: 12/01/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-12 QC Batch ID: WG1572538-3 QC Sample: L2160868-01 Client ID: MS Sample									
Zinc, Total	0.015J	0.5	0.494	99	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-12 QC Batch ID: WG1572541-3 QC Sample: L2160868-02 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00518	104	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW
Project Number: Not Specified

Lab Number: L2162405
Report Date: 12/01/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02,04-12 QC Batch ID: WG1572726-3 QC Sample: L2162405-01 Client ID: MW-208-11112021										
Aluminum, Dissolved	0.039J	2	2.06	103		-	-	75-125	-	20
Antimony, Dissolved	ND	0.5	0.539	108		-	-	75-125	-	20
Arsenic, Dissolved	0.007	0.12	0.147	117		-	-	75-125	-	20
Barium, Dissolved	0.099	2	2.20	105		-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.052	104		-	-	75-125	-	20
Cadmium, Dissolved	ND	0.053	0.054	102		-	-	75-125	-	20
Calcium, Dissolved	189	10	200	110		-	-	75-125	-	20
Chromium, Dissolved	ND	0.2	0.202	101		-	-	75-125	-	20
Cobalt, Dissolved	0.005J	0.5	0.484	97		-	-	75-125	-	20
Copper, Dissolved	ND	0.25	0.264	106		-	-	75-125	-	20
Iron, Dissolved	0.010J	1	0.977	98		-	-	75-125	-	20
Lead, Dissolved	ND	0.53	0.519	98		-	-	75-125	-	20
Magnesium, Dissolved	48.7	10	59.2	105		-	-	75-125	-	20
Manganese, Dissolved	1.46	0.5	1.96	100		-	-	75-125	-	20
Nickel, Dissolved	0.020J	0.5	0.501	100		-	-	75-125	-	20
Potassium, Dissolved	14.5	10	26.1	116		-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.138	115		-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.054	109		-	-	75-125	-	20
Sodium, Dissolved	192	10	205	**130**	Q	-	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.117	98		-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.509	102		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW
Project Number: Not Specified

Lab Number: L2162405
Report Date: 12/01/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02,04-12 QC Batch ID: WG1572726-3 QC Sample: L2162405-01 Client ID: MW-208-11112021									
Zinc, Dissolved	0.028J	0.5	0.531	106	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02,04-12 QC Batch ID: WG1572727-3 QC Sample: L2162405-01 Client ID: MW-208-11112021									
Mercury, Dissolved	ND	0.005	0.00474	95	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW

Project Number: Not Specified

Lab Number: L2162405

Report Date: 12/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-12 QC Batch ID: WG1572538-4 QC Sample: L2160868-01 Client ID: DUP Sample						
Arsenic, Total	ND	ND	mg/l	NC		20
Barium, Total	0.039	0.039	mg/l	0		20
Cadmium, Total	ND	ND	mg/l	NC		20
Calcium, Total	10.0	9.88	mg/l	1		20
Chromium, Total	ND	ND	mg/l	NC		20
Copper, Total	ND	ND	mg/l	NC		20
Iron, Total	1.37	1.36	mg/l	1		20
Lead, Total	0.003J	0.003J	mg/l	NC		20
Manganese, Total	0.423	0.419	mg/l	1		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	99.0	98.0	mg/l	1		20
Zinc, Total	0.015J	0.015J	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-02,04-12 QC Batch ID: WG1572541-4 QC Sample: L2160868-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW

Project Number: Not Specified

Lab Number: L2162405

Report Date: 12/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02,04-12 QC Batch ID: WG1572726-4 QC Sample: L2162405-01 Client ID: MW-208-11112021						
Aluminum, Dissolved	0.039J	0.043J	mg/l	NC		20
Antimony, Dissolved	ND	ND	mg/l	NC		20
Arsenic, Dissolved	0.007	0.005	mg/l	**23**	Q	20
Barium, Dissolved	0.099	0.098	mg/l	0		20
Beryllium, Dissolved	ND	ND	mg/l	NC		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Calcium, Dissolved	189	186	mg/l	2		20
Chromium, Dissolved	ND	ND	mg/l	NC		20
Cobalt, Dissolved	0.005J	0.005J	mg/l	NC		20
Copper, Dissolved	ND	ND	mg/l	NC		20
Iron, Dissolved	0.010J	0.010J	mg/l	NC		20
Lead, Dissolved	ND	ND	mg/l	NC		20
Magnesium, Dissolved	48.7	48.6	mg/l	0		20
Manganese, Dissolved	1.46	1.45	mg/l	1		20
Nickel, Dissolved	0.020J	0.020J	mg/l	NC		20
Potassium, Dissolved	14.5	14.7	mg/l	1		20
Selenium, Dissolved	ND	ND	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Sodium, Dissolved	192	190	mg/l	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: E DELAVAN PROPERTY LLC-SAGINAW

Project Number: Not Specified

Lab Number: L2162405

Report Date: 12/01/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02,04-12 QC Batch ID: WG1572726-4 QC Sample: L2162405-01 Client ID: MW-208-11112021					
Thallium, Dissolved	ND	ND	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	0.028J	0.028J	mg/l	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02,04-12 QC Batch ID: WG1572727-4 QC Sample: L2162405-01 Client ID: MW-208-11112021					
Mercury, Dissolved	ND	ND	mg/l	NC	20

Project Name: E DELAVAN PROPERTY LLC-SAGINAW
Project Number: Not Specified

Lab Number: L2162405
Report Date: 12/01/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2162405-01A	Plastic 250ml unpreserved	B	7	7	5.5	Y	Absent		-
L2162405-01B	Plastic 250ml HNO3 preserved	B	<2	<2	5.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2162405-01C	Amber 120ml unpreserved	B	7	7	5.5	Y	Absent		NYTCL-8082-LVI(365)
L2162405-01D	Amber 120ml unpreserved	B	7	7	5.5	Y	Absent		NYTCL-8082-LVI(365)
L2162405-01X	Plastic 120ml HNO3 preserved Filtrates	B	N/A	N/A	5.5	Y	Absent		PB-SI(180),FE-SI(180),TL-SI(180),BA-SI(180),AG-SI(180),NI-SI(180),AS-SI(180),NA-SI(180),CU-SI(180),MN-SI(180),CO-SI(180),BE-SI(180),CD-SI(180),AL-SI(180),K-SI(180),SB-SI(180),CR-SI(180),MG-SI(180),CA-SI(180),V-SI(180),HG-S(28),ZN-SI(180),SE-SI(180)
L2162405-02A	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		-
L2162405-02B	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),ZN-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2162405-02C	Amber 120ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8082-LVI(365)
L2162405-02D	Amber 120ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8082-LVI(365)
L2162405-02X	Plastic 120ml HNO3 preserved Filtrates	A	N/A	N/A	3.8	Y	Absent		PB-SI(180),FE-SI(180),TL-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),NI-SI(180),CU-SI(180),MN-SI(180),NA-SI(180),CO-SI(180),AL-SI(180),BE-SI(180),CD-SI(180),K-SI(180),MG-SI(180),CR-SI(180),SB-SI(180),V-SI(180),HG-S(28),ZN-SI(180),CA-SI(180),SE-SI(180)
L2162405-03A	Amber 1000ml Na2S2O3	A	7	7	3.8	Y	Absent		NYPCB-608-2L(365)
L2162405-03B	Amber 1000ml Na2S2O3	A	7	7	3.8	Y	Absent		NYPCB-608-2L(365)

*Values in parentheses indicate holding time in days

Project Name: E DELAVAN PROPERTY LLC-SAGINAW
Project Number: Not Specified

Lab Number: L2162405
Report Date: 12/01/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2162405-03C	Amber 1000ml Na2S2O3	A	7	7	3.8	Y	Absent		NYPCB-608-2L(365)
L2162405-03D	Amber 1000ml Na2S2O3	A	7	7	3.8	Y	Absent		NYPCB-608-2L(365)
L2162405-04A	Plastic 250ml unpreserved	B	7	7	5.5	Y	Absent		-
L2162405-04B	Plastic 500ml HNO3 preserved	B	<2	<2	5.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2162405-04C	Amber 120ml unpreserved	B	7	7	5.5	Y	Absent		NYTCL-8082-LVI(365)
L2162405-04D	Amber 120ml unpreserved	B	7	7	5.5	Y	Absent		NYTCL-8082-LVI(365)
L2162405-04E	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2162405-04F	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2162405-04X	Plastic 120ml HNO3 preserved Filtrates	B	N/A	N/A	5.5	Y	Absent		PB-SI(180),TL-SI(180),FE-SI(180),BA-SI(180),AS-SI(180),NA-SI(180),NI-SI(180),AG-SI(180),MN-SI(180),CU-SI(180),AL-SI(180),CD-SI(180),CO-SI(180),BE-SI(180),K-SI(180),MG-SI(180),CR-SI(180),SB-SI(180),HG-S(28),SE-SI(180),CA-SI(180),ZN-SI(180),V-SI(180)
L2162405-05A	Plastic 250ml unpreserved	B	7	7	5.5	Y	Absent		-
L2162405-05B	Plastic 250ml HNO3 preserved	B	<2	<2	5.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2162405-05C	Amber 120ml unpreserved	B	7	7	5.5	Y	Absent		NYTCL-8082-LVI(365)
L2162405-05D	Amber 120ml unpreserved	B	7	7	5.5	Y	Absent		NYTCL-8082-LVI(365)
L2162405-05E	Amber 250ml unpreserved	B	7	7	5.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2162405-05F	Amber 250ml unpreserved	B	7	7	5.5	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2162405-05G	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2162405-05H	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2162405-05X	Plastic 120ml HNO3 preserved Filtrates	B	N/A	N/A	5.5	Y	Absent		PB-SI(180),FE-SI(180),TL-SI(180),BA-SI(180),AG-SI(180),AS-SI(180),NI-SI(180),MN-SI(180),NA-SI(180),CU-SI(180),BE-SI(180),AL-SI(180),CD-SI(180),CO-SI(180),K-SI(180),CR-SI(180),MG-SI(180),SB-SI(180),HG-S(28),SE-SI(180),V-SI(180),ZN-SI(180),CA-SI(180)
L2162405-06A	Plastic 250ml unpreserved	B	7	7	5.5	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name: E DELAVAN PROPERTY LLC-SAGINAW
Project Number: Not Specified

Lab Number: L2162405
Report Date: 12/01/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2162405-06B	Plastic 250ml HNO3 preserved	B	<2	<2	5.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2162405-06C	Amber 120ml unpreserved	B	7	7	5.5	Y	Absent		NYTCL-8082-LVI(365)
L2162405-06D	Amber 120ml unpreserved	B	7	7	5.5	Y	Absent		NYTCL-8082-LVI(365)
L2162405-06X	Plastic 120ml HNO3 preserved Filtrates	B	N/A	N/A	5.5	Y	Absent		PB-SI(180),TL-SI(180),FE-SI(180),BA-SI(180),CU-SI(180),MN-SI(180),AS-SI(180),NA-SI(180),NI-SI(180),AG-SI(180),CD-SI(180),CO-SI(180),BE-SI(180),AL-SI(180),K-SI(180),SB-SI(180),CR-SI(180),MG-SI(180),V-SI(180),HG-S(28),CA-SI(180),ZN-SI(180),SE-SI(180)
L2162405-07A	Plastic 250ml unpreserved	B	7	7	5.5	Y	Absent		-
L2162405-07B	Plastic 250ml HNO3 preserved	B	<2	<2	5.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2162405-07C	Amber 120ml unpreserved	B	7	7	5.5	Y	Absent		NYTCL-8082-LVI(365)
L2162405-07D	Amber 120ml unpreserved	B	7	7	5.5	Y	Absent		NYTCL-8082-LVI(365)
L2162405-07X	Plastic 120ml HNO3 preserved Filtrates	B	N/A	N/A	5.5	Y	Absent		PB-SI(180),TL-SI(180),FE-SI(180),BA-SI(180),AG-SI(180),NA-SI(180),CU-SI(180),AS-SI(180),MN-SI(180),NI-SI(180),AL-SI(180),BE-SI(180),CO-SI(180),CD-SI(180),SB-SI(180),CR-SI(180),K-SI(180),MG-SI(180),ZN-SI(180),CA-SI(180),SE-SI(180),HG-S(28),V-SI(180)
L2162405-08A	Plastic 250ml unpreserved	B	7	7	5.5	Y	Absent		-
L2162405-08B	Plastic 250ml HNO3 preserved	B	<2	<2	5.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2162405-08C	Amber 120ml unpreserved	B	7	7	5.5	Y	Absent		NYTCL-8082-LVI(365)
L2162405-08D	Amber 120ml unpreserved	B	7	7	5.5	Y	Absent		NYTCL-8082-LVI(365)

*Values in parentheses indicate holding time in days

Project Name: E DELAVAN PROPERTY LLC-SAGINAW
Project Number: Not Specified

Lab Number: L2162405
Report Date: 12/01/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2162405-08X	Plastic 120ml HNO3 preserved Filtrates	B	N/A	N/A	5.5	Y	Absent		PB-SI(180),FE-SI(180),TL-SI(180),BA-SI(180),AG-SI(180),NI-SI(180),CU-SI(180),MN-SI(180),NA-SI(180),AS-SI(180),BE-SI(180),AL-SI(180),CO-SI(180),CD-SI(180),K-SI(180),MG-SI(180),CR-SI(180),SB-SI(180),ZN-SI(180),CA-SI(180),V-SI(180),HG-S(28),SE-SI(180)
L2162405-09A	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		-
L2162405-09B	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2162405-09C	Amber 120ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8082-LVI(365)
L2162405-09D	Amber 120ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8082-LVI(365)
L2162405-09E	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2162405-09F	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2162405-09G	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2162405-09H	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2162405-09X	Plastic 120ml HNO3 preserved Filtrates	A	N/A	N/A	3.8	Y	Absent		PB-SI(180),TL-SI(180),FE-SI(180),BA-SI(180),CU-SI(180),NI-SI(180),AG-SI(180),MN-SI(180),NA-SI(180),AS-SI(180),BE-SI(180),CO-SI(180),AL-SI(180),CD-SI(180),SB-SI(180),CR-SI(180),K-SI(180),MG-SI(180),V-SI(180),SE-SI(180),ZN-SI(180),CA-SI(180),HG-S(28)
L2162405-10A	Plastic 250ml unpreserved	B	7	7	5.5	Y	Absent		-
L2162405-10B	Plastic 250ml HNO3 preserved	B	<2	<2	5.5	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2162405-10C	Amber 120ml unpreserved	B	7	7	5.5	Y	Absent		NYTCL-8082-LVI(365)
L2162405-10D	Amber 120ml unpreserved	B	7	7	5.5	Y	Absent		NYTCL-8082-LVI(365)
L2162405-10X	Plastic 120ml HNO3 preserved Filtrates	B	N/A	N/A	5.5	Y	Absent		PB-SI(180),FE-SI(180),TL-SI(180),BA-SI(180),MN-SI(180),CU-SI(180),AS-SI(180),NA-SI(180),NI-SI(180),AG-SI(180),CO-SI(180),CD-SI(180),BE-SI(180),AL-SI(180),K-SI(180),MG-SI(180),CR-SI(180),SB-SI(180),ZN-SI(180),V-SI(180),SE-SI(180),CA-SI(180),HG-S(28)
L2162405-11A	Plastic 250ml unpreserved	A	7	7	3.8	Y	Absent		-

*Values in parentheses indicate holding time in days

Project Name: E DELAVAN PROPERTY LLC-SAGINAW
Project Number: Not Specified

Lab Number: L2162405
Report Date: 12/01/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2162405-11B	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2162405-11C	Amber 120ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8082-LVI(365)
L2162405-11D	Amber 120ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8082-LVI(365)
L2162405-11X	Plastic 120ml HNO3 preserved Filtrates	A	N/A	N/A	3.8	Y	Absent		PB-SI(180),TL-SI(180),FE-SI(180),BA-SI(180),MN-SI(180),AS-SI(180),NI-SI(180),AG-SI(180),CU-SI(180),NA-SI(180),CO-SI(180),AL-SI(180),CD-SI(180),BE-SI(180),K-SI(180),CR-SI(180),MG-SI(180),SB-SI(180),V-SI(180),HG-S(28),CA-SI(180),ZN-SI(180),SE-SI(180)
L2162405-12A	Plastic 250ml unpreserved	B	7	7	5.5	Y	Absent		-
L2162405-12B	Plastic 250ml HNO3 preserved	B	<2	<2	5.5	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2162405-12C	Amber 120ml unpreserved	B	7	7	5.5	Y	Absent		NYTCL-8082-LVI(365)
L2162405-12D	Amber 120ml unpreserved	B	7	7	5.5	Y	Absent		NYTCL-8082-LVI(365)
L2162405-12X	Plastic 120ml HNO3 preserved Filtrates	B	N/A	N/A	5.5	Y	Absent		PB-SI(180),FE-SI(180),TL-SI(180),BA-SI(180),AS-SI(180),CU-SI(180),AG-SI(180),NA-SI(180),MN-SI(180),NI-SI(180),BE-SI(180),CO-SI(180),CD-SI(180),AL-SI(180),K-SI(180),MG-SI(180),CR-SI(180),SB-SI(180),V-SI(180),SE-SI(180),CA-SI(180),HG-S(28),ZN-SI(180)
L2162405-13A	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2162405-14A	Plastic 250ml unpreserved	B	NA		5.5	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: E DELAVAN PROPERTY LLC-SAGINAW **Lab Number:** L2162405

Project Number: **Report Date:** 12/01/21

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	E DELAVAN PROPERTY LLC-SAGINAW	**Lab Number:**	L2162405
Project Number:	Not Specified	**Report Date:**	12/01/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	E DELAVAN PROPERTY LLC-SAGINAW	**Lab Number:**	L2162405
Project Number:	Not Specified	**Report Date:**	12/01/21

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	E DELAVAN PROPERTY LLC-SAGINAW	**Lab Number:**	L2162405
Project Number:	Not Specified	**Report Date:**	12/01/21

Data Qualifiers

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	E DELAVAN PROPERTY LLC-SAGINAW	**Lab Number:**	L2162405
Project Number:	Not Specified	**Report Date:**	12/01/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

127 Method 608.3: Organochlorine Pesticides and PCBs by GC/HSD, EPA 821-R-16-009, December 2016.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 11/13/21

ALPHA Job #: L2162405

Client Information
Client: INVENTUM ENGINEERING
Address: 49 CARLISLE DR. SUITE 202 HERNDON VA. 20170
Phone: (716) 553-5129
Fax:
Email: Todd.Wilder@InventumEng.com

Project Information
Project Name: E. Delavan Property LLC
Project Location: Saginaw
Project #
(Use Project name as Project #) ☐
Project Manager: Todd Wilder
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

NYSDEC Cat B, NYSDEC EQUIS EDD.

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYRB-EPA6010.3	EPA8082A	EPA 6010 D: Total	NYTAALs LCMSMS	EPA8270D-SIM 1,4	EPA6010D-Dissolved			Sample Specific Comments	Total Bottle
62405-01	MW-208-111 2021	11/11/21	1015	AQ	DB		X	X			X				
-02	MW-209-111 2021	11/11/21	1035	AQ	DB		X	X			X				
-03	MH-2-111 2021	11/11/21	1645	AQ	DB	X	X	X							
-04	MW-204-111 2021	11/11/21	1615	AQ	DB		X	X			X				
-05	MW-211-111 2021	11/11/21	1515	AQ	DB		X	X	X	X					
-06	MW-5-111 2021	11/11/21	1440	AQ	DB		X	X			X				
-07	MW-205-111 2021	11/11/21	1355	AQ	DB		X	X			X				
-08	MW-203-111 2021	11/11/21	1550	AQ	DB		X	X			X				
-09	MW-202-111 2021	11/11/21	1150	AQ	DB		X	X	X	X					
-10	MW-99-111 2021	11/11/21	0800	AQ	DB		X	X			X				
	Container Type					A	A	P	P	A	P				
	Preservative					H	A	C	A	A	A				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	11/12/2021 10:58	Jocelyn Tully (AAL)	11/12/21 10:58
Jocelyn Tully (AAL)	11/12/21 10:58		11/13/21 00:15

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 11/13/21

ALPHA Job #: L2162405

Client Information
Client: INFINITUM ENGINEERING
Address: 48 CARLISLE DR. SUITE 201
HERNDON VA 20170
Phone: 716-553-5179
Fax:
Email: Todd.Waldrop@INFINITUMENG.COM

Project Information
Project Name: EDelaval Property LLC - SAGINAW
Project Location: SAGINAW
Project #
(Use Project name as Project #) ☐
Project Manager: Todd Waldrop
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☑ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

NYSDEC Cat B NYSDEC EQuIS EDD.

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYPCB EPA608.3	EPA 8082A	EPA 6010D-Total	NYPFAAS LCMSMS	EPA 8270D-SIM Lit	EPA 6010D-Dissolved			Total Bottle
L2405-11	MW-210-111/2021	11/11/21	1105	AQ	DB		X	X			X			
-12	MW-206-111/2021	11/11/21	1250	AQ	DB		X	X			X			
-13	Field Blank	11/11/21	1515	AQ	DB				X					
-14	Field Blank	11/11/21	1150	AQ	DB				X					

Sample Specific Comments

Container Type		A	P	P		P			
Preservative		A	C	A		A			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	11/12/2021 10:58	Jocelyn Tilley (AAL)	11/12/21 10:58
Jocelyn Tilley (AAL)	11/12/21 10:58		11/13/21 0025

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Attachment B – IC-EC Forms

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 915152

Site Name Saginaw - Buffalo

Site Address: 320 Scajaquada St. Zip Code: 14215
City/Town: Buffalo
County: Erie
Site Acreage: 7.248

Reporting Period: May 04, 2021 to May 04, 2022

	YES	NO
1. Is the information above correct?	X	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	X

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Industrial	X	☐
7. Are all ICs in place and functioning as designed?	X	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 915152 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
101.24-1-3.1	East Delavan Property, LLC	Monitoring Plan O&M Plan

i) Inspection and Maintenance of Parking Lot #4.
ii) Groundwater and Sewer Monitoring according to the Operation and Maintenance Manual, dated April 2, 2001.
iii) Modification to O&M Frequency Dated January 4, 2004.
iv) Modification to O&M Frequency Dated September 22, 2008.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
101.24-1-3.1	Cover System

Asphalt Parking Lot Cover.

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
X	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 915152

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I John P. Black (print name) at 441 Carlisle Drive, Suite C, Herndon, VA 20170 (print business address),

am certifying as Remedial Party (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

07/07/2022
Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I John P. Black (print name) at 441 Carlisle Drive, Suite C, Herndon, VA 20170 (print business address),

am certifying as a Professional Engineer for the Remedial Party (Owner or Remedial Party)

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

07/07/2022
Date