

Groundwater Monitoring Report

Denow Landfill

Grafton, Wisconsin

WDNR Landfill License No. 01133

WDNR Facility No. 046048000

WDNR BRRTS No. 02-46-000735

March 13, 2026

Prepared for:
Town of Grafton

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Project/File:
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Groundwater Monitoring Report

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1 Summary

Stantec Consulting Services Inc. (Stantec) prepared this Groundwater Monitoring Report (the "Report") on behalf of the Town of Grafton (the "Town") for the Denow Landfill (the "Landfill") located in the Town of Grafton, Ozaukee County, Wisconsin to document the project activities performed and summarize the groundwater sampling results conducted during September 2025. During this time, Stantec continued the long-term groundwater monitoring program to provide data for the evaluation of monitored natural attenuation (MNA) in support of the final remedy for the Landfill. The Landfill groundwater monitoring program includes collection of water samples from select groundwater monitoring wells and from selected in-use residential private potable wells (PPWs) near the Landfill.

Three hydrostratigraphic units are included in the groundwater monitoring program for the Landfill, (1) a water table unit, (2) a deeper unconsolidated soil unit (i.e. wells screened approximately 5 to 10 feet [ft] above the bedrock surface), and (3) a shallow bedrock unit (i.e., wells screened approximately 5 to 60 ft into bedrock). Water level measurements indicate that the groundwater flow direction in each of the three hydrostratigraphic units is generally consistent with previous historical events. Shallow groundwater at and near the Landfill generally flows from topographically higher areas north of the Landfill towards the southwest and transitions to a southerly direction east and southeast of the Landfill. During the September 2025 Landfill monitoring event, the horizontal hydraulic gradient of the shallow water table typically ranged from as low as 0.001 feet per foot (ft/ft) west of the landfill to 0.025 ft/ft east and northeast of the Landfill. The flat hydraulic gradient west and northwest of the Landfill results in a localized groundwater flow direction to the east from MW-13S to the shallow monitoring wells adjacent to the Landfill with a westerly component to groundwater flow at the landfill. Installation of a staff gauge in the pond west of the landfill and higher-frequency water level monitoring may be warranted to better define the local shallow groundwater flow in this area. Groundwater in the deep unconsolidated sediments immediately above bedrock flows southeast toward Edgewood Drive. Groundwater within bedrock generally flows southeast from the Landfill toward Edgewood Drive. As with shallow groundwater, the horizontal hydraulic gradient in the deep unconsolidated unit and bedrock immediately west and southwest of the Landfill is relatively flat, typically being less than 0.003 ft/ft.

Tetrachloroethene (PCE) and trichloroethene (TCE) remain in groundwater immediately adjacent the Landfill at relatively low concentrations (i.e. less than 30 micrograms per liter [ug/l]) with no significant horizontal or vertical migration. In addition, PCE and TCE concentrations are not increasing in any source area monitoring wells and have not been detected consistently downgradient in the monitoring wells or PPWs.

Based on the monitoring data, natural attenuation continues to decrease chlorinated volatile organic compound (CVOC) concentrations in groundwater and maintain overall stable plume conditions. A graphical contaminant trend analysis was performed indicating that the CVOC concentrations and overall contaminant plume are stable or decreasing except at monitoring wells MW-3B1 and MW-3B2. Concentrations of the PCE/TCE daughter products cis 1,2-DCE and vinyl chloride in deep monitoring wells adjacent to the Landfill (MW-3D, MW-8B, and MW-12B) are stable to decreasing.

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Groundwater samples collected from deep bedrock wells MW-3B1 and MW-3B2 continue to exhibit elevated cis 1,2-dichloroethene (DCE) and vinyl chloride concentrations indicating that sequential degradation of PCE and/or TCE in groundwater is progressing in the wells at the Landfill Source Area. Cis 1,2-DCE and vinyl chloride concentrations in groundwater samples collected from MW-3B1 have decreased significantly from historical highs. However, during September 2025, cis 1,2-DCE and vinyl chloride concentrations in MW-3B1 rebounded to approximately 2023 concentrations. Daughter products cis 1,2-DCE and vinyl chloride at monitoring well MW-3B2 located immediately adjacent to and downgradient of the Landfill showed a generally increasing concentration trend from approximately 2013 through 2022. However, after peaking in September 2022, vinyl chloride concentrations in MW-3B2 have decreased. The continued elevated concentrations of daughter products cis 1,2-DCE and vinyl chloride at MW-3B1 and MW-3B2 are likely attributed to the active biodegradation of CVOC parent compounds PCE and TCE that remain in groundwater immediately adjacent to the Landfill at relatively low concentration with no significant horizontal or vertical migration in groundwater. Continued groundwater monitoring will evaluate concentration trends the monitoring wells.

Since 2024, vinyl chloride concentrations have been consistently detected at concentrations just above its established Wisconsin Administrative Code (WAC) NR 140 Enforcement Standard (ES) in PPWs located at 2246, 2252, and 2258 Edgewater Drive downgradient of the Landfill. Vinyl chloride was detected in the water samples at all three of these locations during the September sampling event. The continued presence of vinyl chloride downgradient of the Landfill likely indicates continued biodegradation of parent PCE and/or TCE.

MNA continues to be a viable remedy to address groundwater contamination associated with the Landfill. Although groundwater in the near vicinity of the Landfill has been shown to be somewhat aerobic which can result in a relatively low rate of reductive dechlorination of parent compounds TCE and PCE, less aerobic conditions exist in groundwater at deeper depths and farther downgradient of the Landfill. Elevated ethene concentrations reported during the September 2015 sampling event in MW-3B1 (adjacent-downgradient of landfill) provide direct evidence that vinyl chloride is being reduced to ethene. Recent and historical groundwater sample results from MW-6B and MW-6D located directly downgradient of the MW-3 well nest have not contained CVOC concentrations greater than their respective WAC NR140 Preventative Action Limit (PAL), except for vinyl chloride. This supports the conclusion that reductive dechlorination of PCE, TCE, and cis 1,2-DCE is occurring and limits migration of the CVOC plume downgradient. Concentrations of vinyl chloride have remained generally stable in the downgradient wells and are significantly lower than vinyl chloride concentrations in the wells closer to the Landfill, which is further evidence that reductive dichlorination processes are continuing to reduce vinyl chloride concentrations at the site and the contaminant plume is stable.

Landfill monitoring activities and preparation of this Report continue to be performed in general accordance with the WDNR-approved revised RDR, WAC Chapter NR 724, and the WDNR-approved July 2017 Five-Year Landfill Monitoring Plan. The next sampling event will occur in the Spring of 2026 and will be conducted in accordance with the July 2017 Five-Year Landfill Monitoring Plan unless the WDNR has approved the new landfill monitoring plan at that time.

2 Introduction

Stantec Consulting Services Inc. (Stantec) prepared this Groundwater Monitoring Report (the Report) on behalf of the Town of Grafton (the Town) for the Denow Landfill (the Landfill) located in the Town of Grafton, Ozaukee County, Wisconsin. The Landfill monitoring activities and preparation of this Report continue to be performed in accordance with the WDNR-approved revised RDR (ENVIRON, 2012), Wisconsin Administrative Code (WAC) Chapter NR 724, and in general accordance with the WDNR-approved July 2017 Five-Year Landfill Monitoring Plan (Stantec, 2017). The submission of this Report may not be construed as an admission of liability or responsibility on behalf of either the Town of Grafton or Great American Financial Resources, Inc. (GAFRI).

2.1 Objectives

The purpose of this Report is to document groundwater monitoring activities completed in September 2025 and evaluate site conditions in relation to historical data. More specifically, this Report describes the methods used to conduct groundwater and drinking water monitoring in September 2025, summarizes the magnitude and extent of the residual groundwater impacts at the site, and provides an assessment of MNA on behalf of the Town and GAFRI. Additional historical data is summarized in previous annual landfill monitoring reports.

2.2 Landfill Location and Description

The Landfill is located approximately 0.75 miles west of the Milwaukee River and 2.5 miles north-northwest of the Village of Grafton. The Landfill is in the southeast quarter of the northwest quarter of Section 1, Township 10 North, Range 21 East, Ozaukee County, Wisconsin (USGS, 1976). The approximate 1.5-acre Landfill currently is part of an approximately 3.5-acre parcel (Parcel No. 050010800200) owned by the Town but was formerly part of an approximately 80-acre parcel that was last owned privately by James Denow (son of the historical operator of the Landfill, Charles Denow). The Landfill is bordered on the north and northeast by a construction and demolition waste disposal area owned and operated by James Denow. A site location map is presented as **Figure 1**. A map showing the groundwater monitoring well network and PPW locations is presented as **Figure 2**.

3 Methods

3.1 Landfill Cap Inspection and Maintenance

To maintain the integrity of the Landfill cap, Stantec inspected the grassy vegetation on September 5, 2022, for the following:

- growth and overall health;
- evidence of stressed vegetation;
- bare spots from erosion, washout, die-offs, etc.; and
- need for reseeding.

Stantec also inspected the final cover to determine if any of the following occurred:

- erosion resulting in rills, gullies or bare soil;
- settlement resulting in loss of grade and/or water standing on the final cover;
- presence of seeps on the perimeter of the Landfill;
- presence of overgrown or woody vegetation; and
- slumping or sloughing of final cover resulting in cracking or failure of cover surface.

In addition, the Landfill cap was mowed on October 3, 2022 to prevent woody plant growth.

3.2 Monitoring Well Sampling Methods

Stantec collected groundwater samples from 21 monitoring wells and four reconstructed former residential water supply wells on September 24 and 25, 2025. The groundwater monitoring wells and reconstructed wells were purged and sampled in general accordance with the methods outlined in the WDNR- approved Groundwater Monitoring Plan (Stantec, 2017). An abbreviated discussion of the methods is provided below.

Stantec personnel measured water levels in all groundwater monitoring wells to evaluate groundwater flow direction and hydraulic gradients in each of the three hydrostratigraphic units. Wells with expandable caps were opened and allowed to equilibrate prior to taking measurements. Measurements were made using a Slope Indicator electronic water level sensor (accuracy 0.01 feet). Stantec personnel recorded the water level depth, as well as the total well depth in a bound field notebook.

Prior to sampling, Stantec personnel purged each well using a new disposable polyethylene bailer. After well purging, Stantec collected groundwater samples from the monitoring wells by lowering a new polyethylene bailer into the water column within the well in a manner such that disturbance to the water column is reduced. The bailer was then raised to the surface, and the water was discharged into laboratory-supplied sample containers. Field measurements for dissolved oxygen, oxidation-reduction potential (ORP), temperature, pH and specific conductance were recorded using a down hole YSI™ water quality sonde after well purging and groundwater samples were collected from select wells.

The selected groundwater samples were placed on ice and submitted to a Wisconsin-certified laboratory for analysis, following standard chain-of-custody procedures. The groundwater samples were analyzed for VOCs using EPA Method 8260B. For quality control purposes, one trip blank and one duplicate sample was analyzed for VOCs using EPA Method 8260B during the sampling event.

2.3 In-Use Residential Water Supply Well Sampling Methods

On September 24 through September 26, 2025, Stantec collected a water sample from 10 in-use PPWs located at: (1) 2246 Edgewater Drive, (2) 2252 Edgewater Drive, (3), 2258 Edgewater Drive, (4) 2216 Edgewater Drive, (5) 2236 Edgewater Drive, (6) 2206 Green Bay Road, (7) 2225 Green Bay Road, (8) 2217 Green Bay Road, (9) 2165 Green Bay Road, and (10) 1965 Tamarack Trail. Before collecting a water sample from these PPWs, a spigot or tap where the sample was to be collected was run for at least five minutes to allow potentially stagnant water to be purged from the system. The samples were placed on ice and submitted to a Wisconsin-certified laboratory where they were analyzed for VOCs using EPA Method 8260B. The results from the samples collected from these PPWs are discussed in further detail in Section 4.2.2.

3 Results

The results of the Landfill monitoring program are summarized in the following subsections.

3.1 Landfill Cap Inspection and Maintenance

Stantec personnel inspected the integrity of the Landfill cap on September 24, 2026. The vegetated (grassy with no brush or woody plants) Landfill cap appeared to be healthy with no signs of stress. No bare spots, settlement, slumping, or erosion were observed on the Landfill cap and no seeps were observed on the Landfill perimeter. Jim's Maintenance Service (Grafton, Wisconsin) performed cap maintenance at the Landfill during October 2025 by mowing the entire cap area. No additional maintenance of the cap was deemed necessary. A copy of the Landfill Cap Maintenance Inspection Form detailing the 2025 inspection is included in **Appendix C**. Future landfill monitoring plans will include annual landfill cap mowing and inspections.

3.2 Groundwater Monitoring Results

3.2.1 Groundwater Elevation and Flow

Groundwater elevation measurements collected from the monitoring wells are summarized in **Table 1**. Three hydrostratigraphic units are the focus of the groundwater monitoring program for the Landfill, (1) a water table unit, (2) a deep unconsolidated soil unit (i.e. wells screened approximately 5 to 10 feet above the bedrock surface), and (3) a shallow bedrock unit (i.e., wells screened approximately 5 to 60 feet into the bedrock). The September 24, 2025, groundwater elevations and flow direction for the shallow water

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table wells are illustrated in **Figure 3**. The September 24, 2025, potentiometric surface elevations and flow direction for the monitoring wells screened in the deep unconsolidated soil and in bedrock are illustrated in **Figures 4 and 5**, respectively.

The groundwater level measurements indicate that the groundwater flow direction in each of the three hydrostratigraphic units is generally consistent with previous historical groundwater measurement events. Shallow groundwater at and near the Landfill generally flows from topographically higher areas north of the Landfill towards the southwest and transitions to a southerly direction east and southeast of the Landfill. The horizontal hydraulic gradient of the water table is flat to the west, northwest and southwest of the Landfill. Historical and more recent shallow groundwater elevation measurements indicate that the hydraulic gradient of the water table at the west side of the Landfill is flat with a localized groundwater flow direction typically to the east from MW-13S towards the shallow monitoring wells nearer to the Landfill. The September 2025 Landfill monitoring event continued to show an easterly groundwater flow direction from a pond approximately 250 feet west of the Landfill and towards the Landfill. During the September 2025 Landfill monitoring event, the horizontal hydraulic gradient of the shallow water table typically ranged from as low as 0.001 feet per foot (ft/ft) west of the landfill to as high as 0.025 ft/ft east of the Landfill.

Groundwater in the deep unconsolidated sediments immediately above bedrock flows southeast toward Edgewood Drive. Groundwater within bedrock generally flows southeast from the Landfill toward Edgewood Drive. As with shallow groundwater, the horizontal hydraulic gradient in the deep unconsolidated soil unit and bedrock immediately west and southwest of the Landfill is flat and typically less than 0.003 ft/ft.

Vertical hydraulic gradients were calculated for the nested monitoring wells at the site using the groundwater elevation measurements collected on September 24, 2025. The vertical gradients and corresponding flow directions are presented in the table below.

Well Nest	Vertical Flow Direction	September 2025 Gradient (ft/ft)
MW-1S/MW-1D	slightly upward	0.00158
MW-1D/MW-1B	slightly downward	-0.00425
MW-2S/MW-2D	Upward	0.0569
MW-3S/MW-3D	slightly upward	0.00328
MW-3D/MW-3B1	Downward	-0.0487
MW-3B1/MW-3B2	Upward	0.0314
MW-4S/MW-4D	Downward	-0.0671
MW-5S/MW-5D	strongly downward	-0.231
MW-6S/MW-6D	Downward	-0.0928
MW-6D/MW-6B	Slightly downward	-0.00391
MW-7S/MW-7D	Downward	-0.0769



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MW-8S/MW-8B	Slightly downward	-0.0024
MW-9S/MW-9B	Slightly upward	0.0005
MW-12S/MW-12B	downward	-0.0137
MW-13S/MW-13B	slightly downward	-0.00196

3.2.2 Field Measurements Results

Field measurements for groundwater were collected for MW-3S, MW-3D, MW-3B1, MW-3B2, MW-6B, MW-8S, and MW-8B, and are summarized in **Table 2**. Field measurement values for pH, temperature, and conductivity are generally consistent except for expected seasonal variation of temperature. Oxidation reduction potential (ORP) and dissolved oxygen values continued to fluctuate with no notable seasonal variability. Dissolved oxygen concentrations generally decrease with depth below the water table with the lowest dissolved oxygen concentrations observed immediately downgradient (southeast) of the landfill (MW-3S, MW-3D, MW-3B2, and MW-8B) and in bedrock further downgradient (southeast) of the Landfill (MW-6B). ORP values were less consistent and did not correlate closely to dissolved oxygen or groundwater depth. All seven wells had positive ORP values, ranging from 4.2 millivolts (mV) to 227.8 mV. Values for pH were consistent between the eight wells, measuring between 7.3 and 7.6. Water temperature was generally higher than historical measurements, ranging between 10.8° C (MW-8B) to 20.7° C (MW-3S).

3.3 VOC Analysis Results

3.3.1 Groundwater Monitoring Wells

The September 2025 groundwater monitoring results were generally consistent with previous sampling events and demonstrate that contaminant levels are stable or decreasing, and that natural attenuation is continuing to decrease CVOOC concentrations and maintain overall stable plume conditions. The VOC analytical results from the September 2025 Landfill monitoring event are summarized in **Table 3**. Laboratory analytical reports and associated chain-of-custody records are included in **Appendix A**.

Stable concentrations of TCE and/or PCE exceeding the WAC NR 140 ES continued to be detected in groundwater collected from the shallow water table and deep unconsolidated soil hydrostratigraphic units near the southern edge of the Landfill (MW-2S, MW-2D, and MW-8S) and west/northwest of the landfill (MW-10S, MW-12B, and MW-13S). TCE or PCE concentrations exceeding the WAC NR 140 ES are not present in the remaining groundwater monitoring well network. The cis 1,2-DCE concentration in MW-3B1 (390 ug/l), MW-3B2 (500 ug/l), and the MW-3B2 (530 ug/l) duplicate sample exceeded the WAC NR 140 ES. Cis 1,2-DCE concentrations in groundwater did not exceed the WAC NR 140 ES in any other groundwater monitoring wells. Vinyl chloride concentrations in groundwater exceeding the WAC NR 140 ES continued to be present in groundwater in the deep unconsolidated unit and bedrock near the landfill (MW-2D, MW-3D, MW-3B1, MW-3B2, MW-8B, and MW-12B), northwest (up-gradient) of the landfill (MW-13B), south (downgradient) of the landfill (MW-9B), and southeast (downgradient) of the landfill (MW-6D and 2267 Edgewood Drive).

3.3.2 In-Use Residential Water Supply Wells

The historical in-use residential water supply well analytical results, including the results from the September 2025 sampling events, are summarized in **Table 4**. No VOCs were detected above laboratory detection limits in the water supply wells at 2216 and 2236 Edgewater Drive, and 2225 and 2217 North Green Bay Road. Vinyl chloride was detected at concentrations exceeding the WAC NR 140 ES in the water samples collected at 2246 Edgewater Drive (0.33 ug/l), 2252 Edgewater Drive (0.38 ug/l), 2258 Edgewater Drive (0.21 ug/l). Vinyl chloride was detected at concentrations exceeding the WAC NR 140 PAL but less than the ES in the water samples collected at 2165 North Green Bay Road (0.053J ug/l), 2206 North Green Bay Road (0.15 ug/l), and 1965 Tamarack Trail (0.047J ug/l). The laboratory “J”-flagged the samples collected at 2165 North Green Bay Road and 1965 Tamarack Trail are estimated concentrations as they were greater than the laboratory method detection limit and less than the reporting limit.

The laboratory analytical reports and associated chain-of-custody records are included in **Appendix A**.

3.4 VOC Concentration Analysis

3.4.1 CVOC Concentrations/Groundwater Elevations Versus Time Graphs

To evaluate concentration trends over time, historical concentrations of CVOCs (PCE, TCE, cis 1,2-DCE, trans 1,2-DCE, vinyl chloride) were plotted for key monitoring wells within the landfill source area and the area downgradient of the landfill that currently or historically contain(ed) CVOC concentrations above the WAC NR 140 ES. In addition, groundwater elevations recorded at each of the wells at the time of sampling were also plotted to evaluate if seasonal changes in groundwater elevation may be affecting CVOC concentrations. Historically, groundwater elevations in some of the monitoring wells have fluctuated by as much as five feet. As observed on the graphs, a correlation between groundwater elevation and CVOC concentration was not readily apparent in the monitoring wells, except in MW-3D and MW-3B1 where higher groundwater elevation generally results in higher vinyl chloride concentrations. The trend plots/graphs are provided in **Appendix B**.

3.4.2 CVOC Concentration Trends in Groundwater

The historical VOC concentrations in groundwater collected from the monitoring well network are summarized in **Table 5**. The trend graphs provided in **Appendix B** show overall stable to decreasing groundwater CVOC concentration trends at most of the monitoring locations.

Landfill Source Area

The groundwater monitoring results indicate the presence of residual PCE and TCE in groundwater near the Landfill. PCE and TCE concentrations have generally decreased or remained stable since groundwater monitoring began (as early as 1998 in some wells), suggesting that more recent releases

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of PCE or TCE from the Landfill have not occurred. Historical and current PCE and TCE concentrations have been significantly less than 1% of their respective pure-phase solubility and the absence of PCE and TCE at depth provides strong evidence that denser-than-water non-aqueous phase liquids are not present. In addition, during September 2025 and other recent sampling events, the PCE and TCE concentrations are significantly lower than their respective historical maximums.

Concentrations of the PCE/TCE daughter products cis 1,2-DCE and vinyl chloride in deep monitoring wells adjacent to the Landfill (MW-3D, MW-8B, and MW-12B) are stable to decreasing. Groundwater samples collected from deep bedrock wells MW-3B1 and MW-3B2 continue to exhibit elevated cis 1,2-DCE and vinyl chloride concentrations indicating that sequential degradation of PCE and/or TCE in groundwater is progressing in the wells at the Landfill Source Area. CVOC concentrations continue to fluctuate in MW-3B1 and MW-3B2. Cis 1,2-DCE and vinyl chloride concentrations in groundwater samples collected from MW-3B1 have decreased significantly from historical highs. However, during September 2025 cis 1,2-DCE and vinyl chloride concentrations in MW-3B1 rebounded to approximately 2023 concentrations. Cis 1,2-DCE and vinyl chloride concentrations in groundwater samples collected from monitoring well MW-3B2 showed generally increasing concentration trends from approximately 2014 through 2022. After peaking in September 2022, vinyl chloride concentrations in MW-3B2 have decreased to concentrations ranging from 390 to 520 ug/l. Cis 1,2-DCE and vinyl chloride concentrations since 2014 in MW-3D, MW-3B1, and MW-3B2 are presented in the table below.

Date	MW-3D Concentrations (ug/l)		MW-3B1 Concentrations (ug/l)		MW-3B2 Concentrations (ug/l)	
	Cis 1,2-DCE	Vinyl chloride	Cis 1,2-DCE	Vinyl chloride	Cis 1,2-DCE	Vinyl chloride
09/25/14	29.5	0.57	970	380	230	161
09/22/15	20.1	<0.20	663	440	89	3.52
03/27/18	17	9.7	420	430	390	250
09/11/18	52	46	580	480	330	240
03/27/19	45	8	500	170	170	36
09/25/19	37	0.64	520	360	190	98
03/11/20	42	<0.20	640	390	69	49
09/24/20	69	8.2	630	380	210	160
03/23/21	48	4.4	450	340	190	160
09/23/21	32	<0.20	570	390	340	220
03/28/22	32	0.25	310	200	700	500
09/28/22	38	0.62	39	28	720	520
03/30/23	58	28	430	280	600	380
03/28/24	28	0.54	28	14	540	320

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10/2/24	25	<0.20	18	11	480	310
03/19/25	45	14	12	44	460	380
09/25/25	32	1.4	390	250	530	440

Note: ## = highest concentration since 2014

= lowest concentration since 2014

Downgradient of Landfill

Groundwater monitoring wells MW-5D, MW-6D, MW-6B, 2280 Edgewood Drive, 2267 Edgewood Drive, and 2232 Edgewood Drive, provide critical data monitoring the extent of CVOCs in groundwater downgradient of the Landfill. Vinyl chloride is the only VOC that has been detected periodically in these wells at concentrations exceeding the WAC NR 140 PAL or ES. Vinyl chloride concentrations are significantly lower in these wells than groundwater monitoring wells within the Landfill Source Area and have remained stable since at least 2014. Vinyl chloride concentrations exceeding the WAC NR 140 ES were detected in water samples collected at MW-6D, and 2267 Edgewood Drive during the September 2025 sampling event. Further downgradient (southeast) of the Landfill (2232 Edgewood Drive monitoring well), vinyl chloride concentrations remained less than the WAC NR 140 ES.

3.5 CVOC Biodegradation

The data supports the fact that reductive dechlorination of PCE and TCE is occurring, contaminants are naturally attenuating, and the overall contaminant plume is stable, recognizing some localized contaminant concentration fluctuations in the wells near the landfill. Contaminant and natural attenuation trends will continue to be evaluated as part of future monitoring events.

The shallow sand and gravel aquifer is generally aerobic in the immediate vicinity of the Landfill. These aerobic conditions transition to less aerobic and at some locations anaerobic conditions with depth. Consequently, the aerobic conditions in groundwater near the Landfill result in a relatively low rate of reductive dechlorination of parent compounds TCE and PCE. This is evidenced by the localized TCE and PCE impacts within the water table near the Landfill and the absence of vinyl chloride in the shallow water table wells. The less aerobic conditions in groundwater at depth allows reductive dechlorination of PCE and TCE, which in turn results in the presence of cis 1,2-DCE and vinyl chloride in groundwater downgradient of the Landfill.

Historical groundwater sample results from MW-6B and MW-6D (located directly down gradient of the MW-3 well nest) have not contained VOC concentrations greater than their respective WAC NR140 PAL, with the exception of vinyl chloride. This supports the conclusion that reductive dechlorination of PCE, TCE, and cis 1,2-DCE is occurring and inhibiting migration of these compounds downgradient of the Landfill. In MW-6B and MW-6D, vinyl chloride concentrations have remained generally stable and are significantly lower than vinyl chloride concentrations in wells closer to the Landfill which is further evidence that vinyl chloride is naturally attenuating.

Vinyl chloride is the final CVOC created in the dechlorination process prior to degradation to ethene and can degrade aerobically or anaerobically. The continued presence of cis 1,2-DCE and vinyl chloride likely indicates continued biodegradation of parent PCE and/or TCE.

3.6 Extent of Groundwater Contamination

The extent of CVOCs present in groundwater is different in the three hydrostratigraphic units identified at and near the Landfill. The approximate lateral extent of CVOCs in groundwater is illustrated on **Figure 2**. The geologic cross section A-A' extending from approximately 1,200 feet west-northwest of the Landfill to the Milwaukee River approximately 4,200 feet east-southeast of the Landfill presented in **Figure 6** illustrates the vertical and horizontal extent of the groundwater CVOC plume resulting from the Landfill. A discussion of each unit is provided below.

3.6.1 Water Table Hydrostratigraphic Unit

PCE and TCE concentrations in groundwater greater than their respective WAC NR 140 PAL and/or ES are present in water table wells in the immediate vicinity of the Landfill (MW-2S, MW-2D, MW-3S, MW-8S, MW-8B, MW-10S, MW-12B, MW-13S, and 13B). The horizontal hydraulic gradient of the water table decreases considerably to the west, northwest and southwest of the Landfill and limits movement of the groundwater contaminant plume (**Figures 3 and 6**). Horizontal hydraulic gradients of the water table at the west side of the Landfill are flat (0.001 to 0.005 ft/ft) with a localized groundwater flow direction typically towards the east from MW-13S to the shallow monitoring wells adjacent to the Landfill. Water table elevations at MW-13S (approximately 200 feet west of the Landfill) have consistently been slightly higher than the closest monitoring wells to the east and southeast (MW-1S, MW-10S, MW-12S) supporting an easterly flow towards the Landfill. At the Landfill there is a westerly component to groundwater flow (see **Figure 3**). The occasional westerly shallow groundwater flow may have resulted in the TCE concentrations detected in MW-13S.

3.6.2 Deep Unconsolidated Soil Hydrostratigraphic Unit

The groundwater monitoring wells screened in the deep unconsolidated hydrostratigraphic unit effectively monitor CVOC-plume migration from the Landfill Source Area, horizontally to the southeast, and vertically to the shallow bedrock hydrostratigraphic unit. Monitoring wells MW-2D, MW-3D, and MW-6D are the only wells screened in the deep unconsolidated hydrostratigraphic unit that contain CVOCs exceeding a WAC NR 140 ES (**Figure 6**). A consistent southeasterly groundwater flow direction from the Landfill towards MW-6D combined with only vinyl chloride historically being detected in MW-6D (approximately 800 feet southeast of the Landfill) at concentrations slightly exceeding the WAC NR 140 ES, suggests that CVOCs in groundwater of the deep unconsolidated hydrostratigraphic unit are limited to the Landfill and immediately downgradient to the southeast.

Downgradient of the Landfill reductive dechlorination processes are degrading PCE and TCE into cis 1,2-DCE and vinyl chloride. The result is reduced or non-detectable PCE and TCE concentrations with cis 1,2-DCE and vinyl chloride present in deeper groundwater east and southeast of the Landfill.



3.6.3 Shallow Bedrock Hydrostratigraphic Unit

Based on horizontal and vertical hydraulic gradients measured at the groundwater monitoring wells screened in the shallow bedrock unit at the Landfill Source Area, advective contaminant transport through the bedrock fractures is likely the dominant mechanism for CVOC migration in this unit. Historical groundwater monitoring data suggests that further downgradient migration of CVOCs in this unit have been limited due to attenuation. TCE and PCE in groundwater from shallow bedrock wells MW-3B1, MW-3B2, have not been detected above the WAC NR 140 PAL, but elevated concentrations of PCE/TCE daughter products cis 1,2- DCE and vinyl chloride are consistently present. In MW-3B2, cis 1,2-DCE and vinyl chloride concentrations exceeding the WAC NR 140 ES extend greater than 60 feet vertically into bedrock. Although cis 1,2-DCE and vinyl chloride concentrations in MW-3B2 are higher than initial sample results in 2014, since peaking in September 2022, vinyl chloride concentrations in MW-3B2 have decreased to concentrations ranging from 390 to 520 ug/l and further downward migration of these CVOCs is not apparent. TCE, along with its daughter product cis 1,2-DCE were detected above the WAC NR 140 PAL in MW-8B with vinyl chloride detected above the WAC NR 140 ES during the September 2025 sampling event.

Approximately 800 feet southeast of the Landfill, at MW-6B, no CVOCs were detected at concentrations exceeding the WAC NR 140 PAL or ES during the September 2025 sampling event. At the leading edge of the groundwater plume (at 2232 Edgewood approximately 2,400 feet southeast of the Landfill), vinyl chloride continues to be the only CVOC detected. However, vinyl chloride has only been detected in the well at 2232 Edgewood on three occasions since 2011, with concentrations slightly above WAC NR 140 ES in March 2019 and September 2022 and concentrations above the WAC NR 140 PAL in September 2025. The deeper bedrock characteristics (i.e. less fractures, lower vertical conductivity) along with the evidence that biodegradation processes are occurring at depth as discussed in Section 4.4, suggest that the downward vertical migration of CVOCs are likely being impeded at the site.

Vinyl chloride is the final CVOC created in the dechlorination process prior to degradation to ethene and can degrade aerobically or anaerobically. The continued presence of cis 1,2-DCE and vinyl chloride likely indicates continued biodegradation of parent PCE and/or TCE.

4 Conclusions

During September 2025, Stantec continued the long-term groundwater monitoring program to provide data for the evaluation of MNA in support of the final remedy for the Landfill. The Landfill groundwater monitoring program includes collection of water samples from select groundwater monitoring wells and from selected in-use PPWs near the Landfill.

Groundwater elevation monitoring conducted during this reporting period shows that the groundwater flow direction in each of the three hydrostratigraphic units is generally consistent with previous historical groundwater measurement events, indicating that the hydrogeologic site conditions at the site have not changed. The flat hydraulic gradient of the water table west, northwest, and southwest of the Landfill generally has a localized groundwater flow direction to the east from MW-13S to the shallow monitoring wells adjacent to the Landfill. While water table elevations at MW-13S have consistently been slightly higher than the closest monitoring wells to the east and southeast (MW-1S, MW-10S, MW-12S), during September 2022, March 2024, October 2024, and September 2025 groundwater monitoring events there was a westerly component to groundwater flow at the Landfill but with continued low horizontal hydraulic gradients. Installation of a staff gauge in the pond approximately 250 feet west of the Landfill and higher-frequency water level monitoring may be warranted to further evaluate the localized shallow groundwater flow in this area.

The September 2025 groundwater monitoring results were generally consistent with previous sampling events and CVOC concentrations in groundwater have remained generally stable or are decreasing at most of the monitoring locations. Concentrations of the PCE/TCE daughter products cis 1,2-DCE and vinyl chloride in deep monitoring wells adjacent to the Landfill (MW-3D, MW-8B, and MW-12B) are stable to decreasing. Groundwater samples collected from deep bedrock wells MW-3B1 and MW-3B2 continue to exhibit elevated cis 1,2-DCE and vinyl chloride concentrations indicating that sequential degradation of PCE and/or TCE in groundwater is progressing in the wells at the Landfill Source Area. Cis 1,2-DCE and vinyl chloride concentrations in groundwater samples collected from MW-3B1 have decreased significantly from historical highs. However, during September 2025 cis 1,2-DCE and vinyl chloride concentrations in MW-3B1 rebounded to approximately 2023 concentrations. Daughter products cis 1,2-DCE and vinyl chloride at monitoring well MW-3B2 located immediately adjacent to and downgradient of the Landfill showed a generally increasing concentration trend from approximately 2013 through 2022. However, after peaking in September 2022, vinyl chloride concentrations in MW-3B2 have decreased. Continued groundwater monitoring will evaluate concentration trends the monitoring wells.

The continued elevated concentrations of daughter products cis 1,2-DCE and vinyl chloride at MW-3B1 and MW-3B2 are likely attributed to the active biodegradation of CVOC parent compounds PCE and TCE that remain in groundwater immediately adjacent to the Landfill at relatively low concentration with no significant horizontal or vertical migration in groundwater. PCE and TCE concentrations are not increasing in any source area monitoring wells and have not been detected downgradient in the monitoring wells or PPWs.



Groundwater Monitoring Report

Conclusions

Since 2024, vinyl chloride concentrations have been consistently detected at concentrations just above its established Wisconsin Administrative Code (WAC) NR 140 Enforcement Standard (ES) in PPWs located at 2246, 2252, and 2258 Edgewater Drive downgradient of the Landfill. Vinyl chloride was detected in the water samples at all three of these locations during the September 2025 sampling event. The continued presence of vinyl chloride downgradient of the Landfill likely indicates continued biodegradation of parent PCE and/or TCE.

MNA continues to be a viable remedy for the Landfill. Although groundwater in the near vicinity of the Landfill has been shown to be somewhat aerobic which can result in a relatively low rate of reductive dechlorination of parent compounds TCE and PCE, less aerobic conditions exist in groundwater at deeper depths and farther downgradient of the Landfill. Elevated ethene concentrations reported during the September 2015 sampling event in MW-3B1 (adjacent-downgradient of landfill) provide direct evidence that vinyl chloride is being reduced to ethene. Recent and historical groundwater sample results from MW-6B and MW-6D located directly downgradient of the MW-3 well nest have not contained CVOC concentrations greater than their respective WAC NR140 PAL, except for vinyl chloride. This supports the conclusion that reductive dechlorination of PCE, TCE, and cis 1,2-DCE is occurring and limits migration of the CVOC plume downgradient. Concentrations of vinyl chloride have remained generally stable in the downgradient wells and are significantly lower than vinyl chloride concentrations in the wells closer to the Landfill, which is further evidence that reductive dichlorination processes are continuing to reduce vinyl chloride concentrations at the site and the contaminant plume is stable.

Landfill monitoring activities and preparation of this Report continue to be performed in general accordance with the WDNR-approved revised RDR, WAC Chapter NR 724, and the WDNR-approved July 2017 Five-Year Landfill Monitoring Plan. The next sampling event will occur in the Spring of 2026, will be conducted in accordance with the July 2017 Five-Year Landfill Monitoring Plan unless the WDNR has approved the new landfill monitoring plan at that time.

5 References

Ales, Steve. 2013. "Letter to the Residents of the Town of Grafton." Wisconsin Department of Natural Resources, November 14.

Feeney, John. 2017. "Letter to the Town of Grafton." Wisconsin Department of Natural Resources, October 18.

ENVIRON. 2012. "Revised Remedial Design Report – Denow Landfill Site, Grafton, Wisconsin." December.

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Stantec. 2024. "Five-Year Landfill Monitoring Plan – Denow Landfill, Grafton, Wisconsin." December 19.

WDNR. 2024. Groundwater Quality. Wisconsin Administrative Code, Chapter NR 140, November.

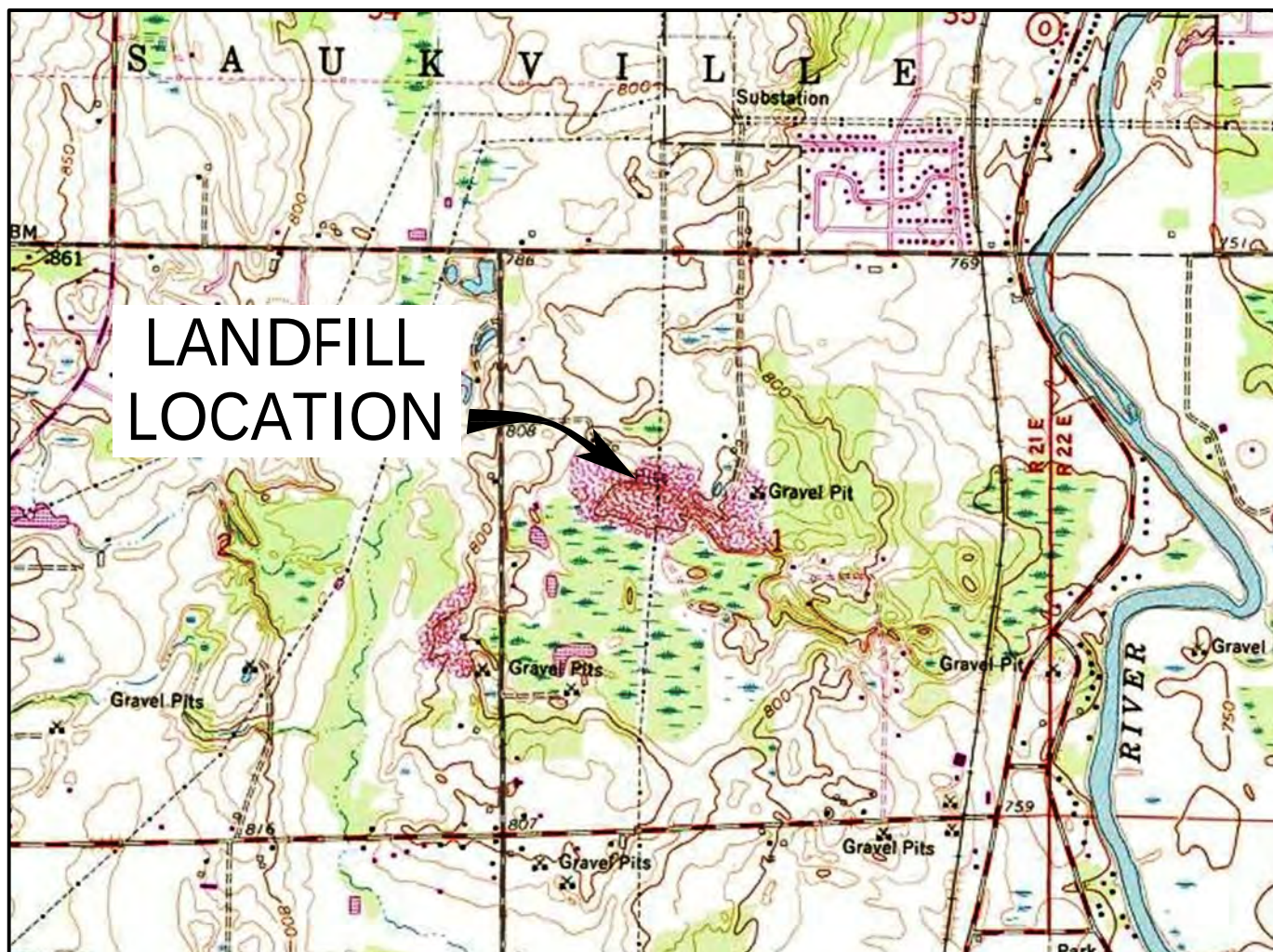
WDNR. 1996. "Groundwater Sampling Field Manual." PUBL-DG-038 96, September.

Figures

Confidential



Project: 193704196



SCALE IN FEET

1" = 2000'



CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929



QUADRANGLE LOCATION

BASE MAP SOURCE: USGS 7.5 MINUTE QUADRANGLE, CEDARBURG, WISCONSIN, 1994 (NATIONAL GEOGRAPHIC HOLDINGS, INC.)



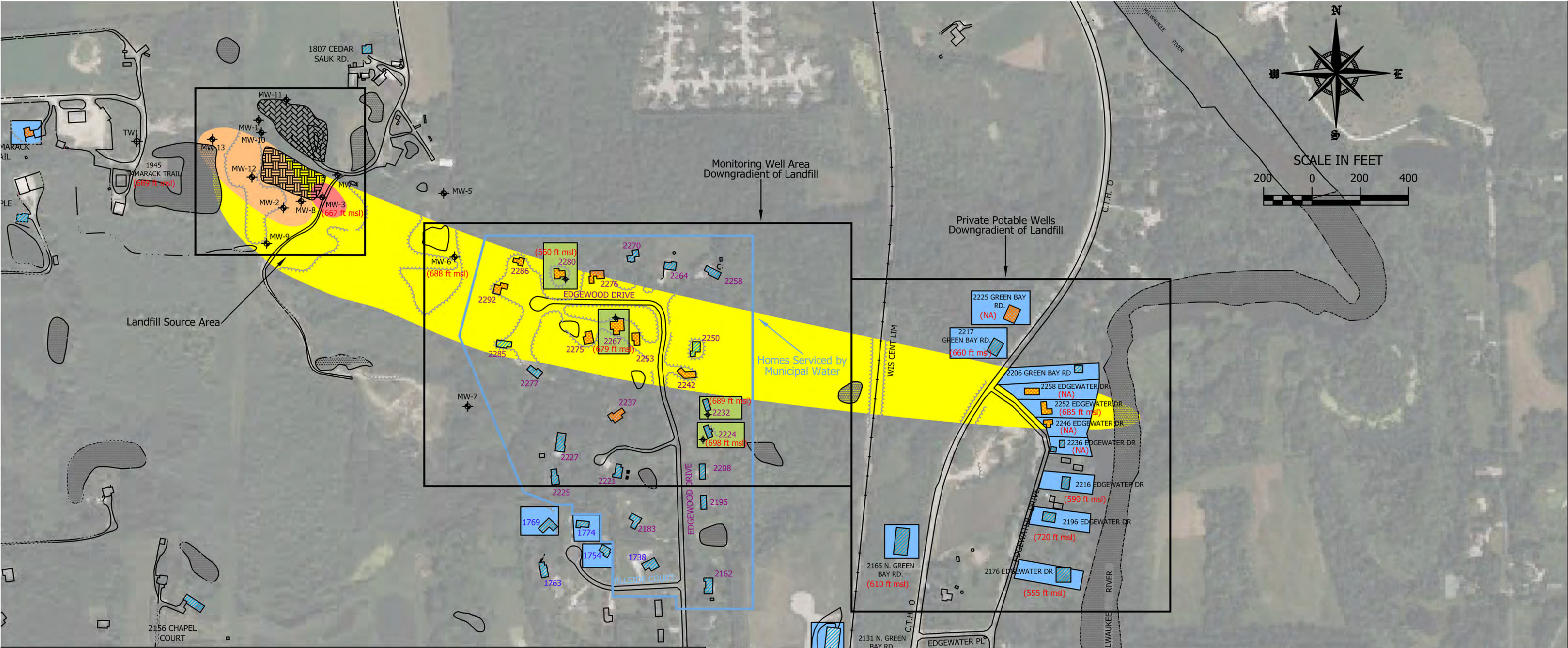
12075 CORPORATE PARKWAY, SUITE 200
MEQUON, WISCONSIN, 53092
Phone: 800-766-7140 Fax: 262-241-4901

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LANDFILL LOCATION & LOCAL TOPOGRAPHY

DENOW LANDFILL
GRAFTON, WISCONSIN

DATE: 05/13/24	DRAWN BY: JRB	REVISED:	PROJECT NUMBER: 193704196	FIGURE 1
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LEGEND

2183 EDGEWOOD DRIVE ADDRESS
1769 HILLSIDE COURT ADDRESS

MW-5 LANDFILL MONITORING WELL NEST LOCATION AND IDENTIFICATION
TW1 TEMPORARY MONITORING WELL (ABANDONED) LOCATION AND IDENTIFICATION

(### ft msl) BOTTOM OF WELL ELEVATION IN FEET ABOVE SEA LEVEL

2280 EDGEWOOD
2285 EDGEWOOD
HOMES WHERE VINYL CHLORIDE HAS BEEN DETECTED

PRIVATE WATER SUPPLY WELLS THAT HAVE BEEN SAMPLED BUT VINYL CHLORIDE HAS NEVER BEEN DETECTED

EXTENT OF VINYL CHLORIDE IN GROUNDWATER EXCEEDING NR 140 ENFORCEMENT STANDARD (0.2 µg/L) (SEPTEMBER 2025)

EXTENT OF TCE IN GROUNDWATER EXCEEDING NR 140 ENFORCEMENT STANDARD (5 µg/L) (SEPTEMBER 2025)

EXTENT OF CIS 1,2-DCE IN GROUNDWATER EXCEEDING NR 140 ENFORCEMENT STANDARD (70 µg/L) (SEPTEMBER 2025)

"IN-USE" PRIVATE WATER SUPPLY WELLS SAMPLED AS PART OF 2012 LONG TERM GROUNDWATER MONITORING PLAN

FORMER WATER SUPPLY WELLS "CONVERTED" INTO MONITORING WELLS AND SAMPLED AS PART OF SAMPLING PLAN

LANDFILL LOCATION

CONSTRUCTION AND DEMOLITION WASTE DISPOSAL AREA

SURFACE WATER BODIES

NOTE: SEPERATE MOBITORING AREAS REPRESENT GENERALIZED AREA FOR REFERENCE PURPOSES ONLY

**Stantec**

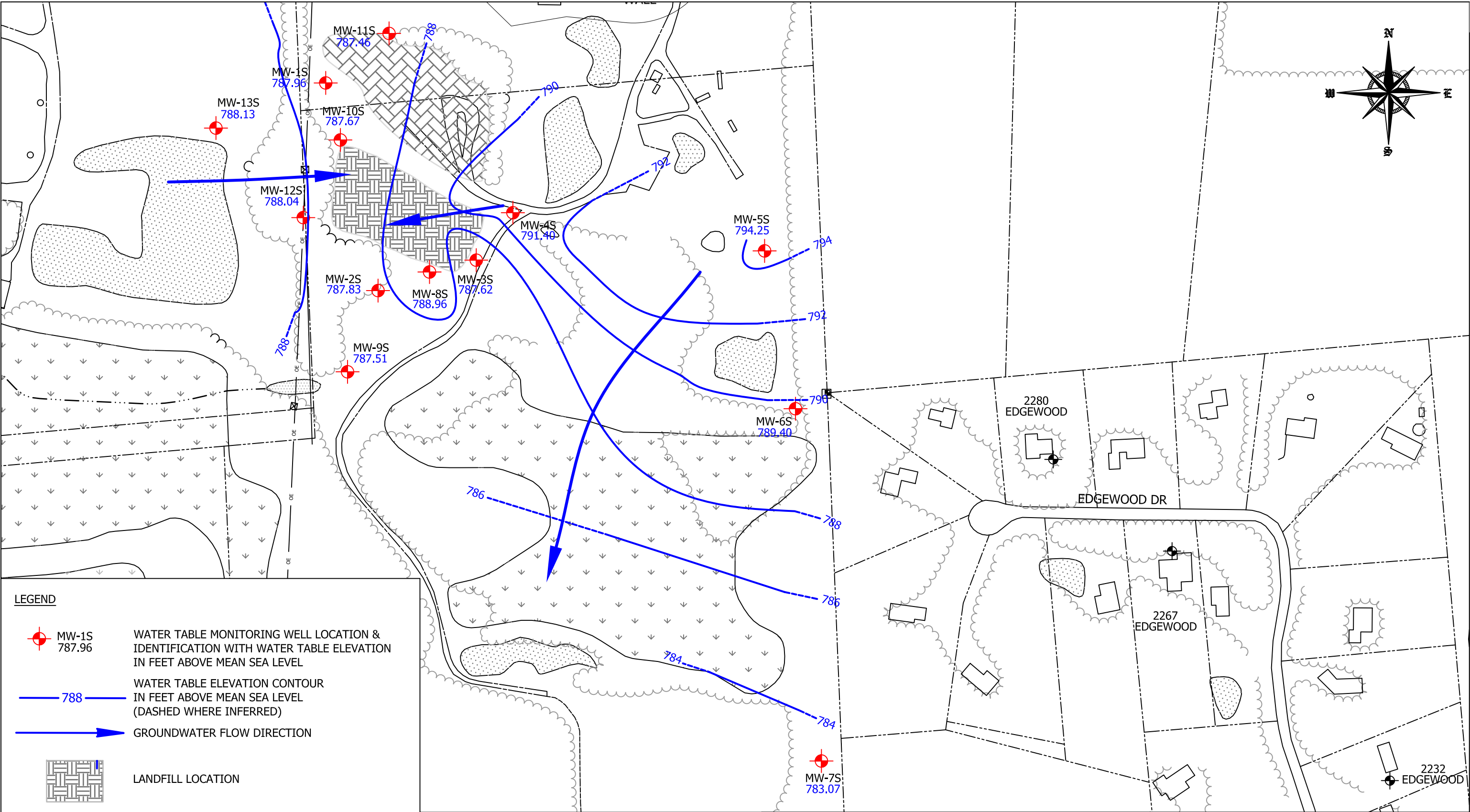
12308 CORPORATE PARKWAY, SUITE 600
MEQUON, WISCONSIN 53092
P: 262-241-4466

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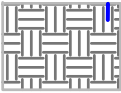
DATE: 2007-11-12 | DRAWN BY: BMP | REVISED: 2026-03-06 MSE

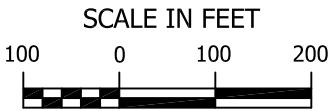
LOCATION OF GROUNDWATER MONITORING POINTS

DENOW LANDFILL
GRAFTON, WISCONSIN



LEGEND

-  MW-1S
787.96 WATER TABLE MONITORING WELL LOCATION & IDENTIFICATION WITH WATER TABLE ELEVATION IN FEET ABOVE MEAN SEA LEVEL
-  788 WATER TABLE ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL (DASHED WHERE INFERRED)
-  GROUNDWATER FLOW DIRECTION
-  LANDFILL LOCATION
-  CONSTRUCTION & DEMOLITION WASTE DISPOSAL AREA
-  POND



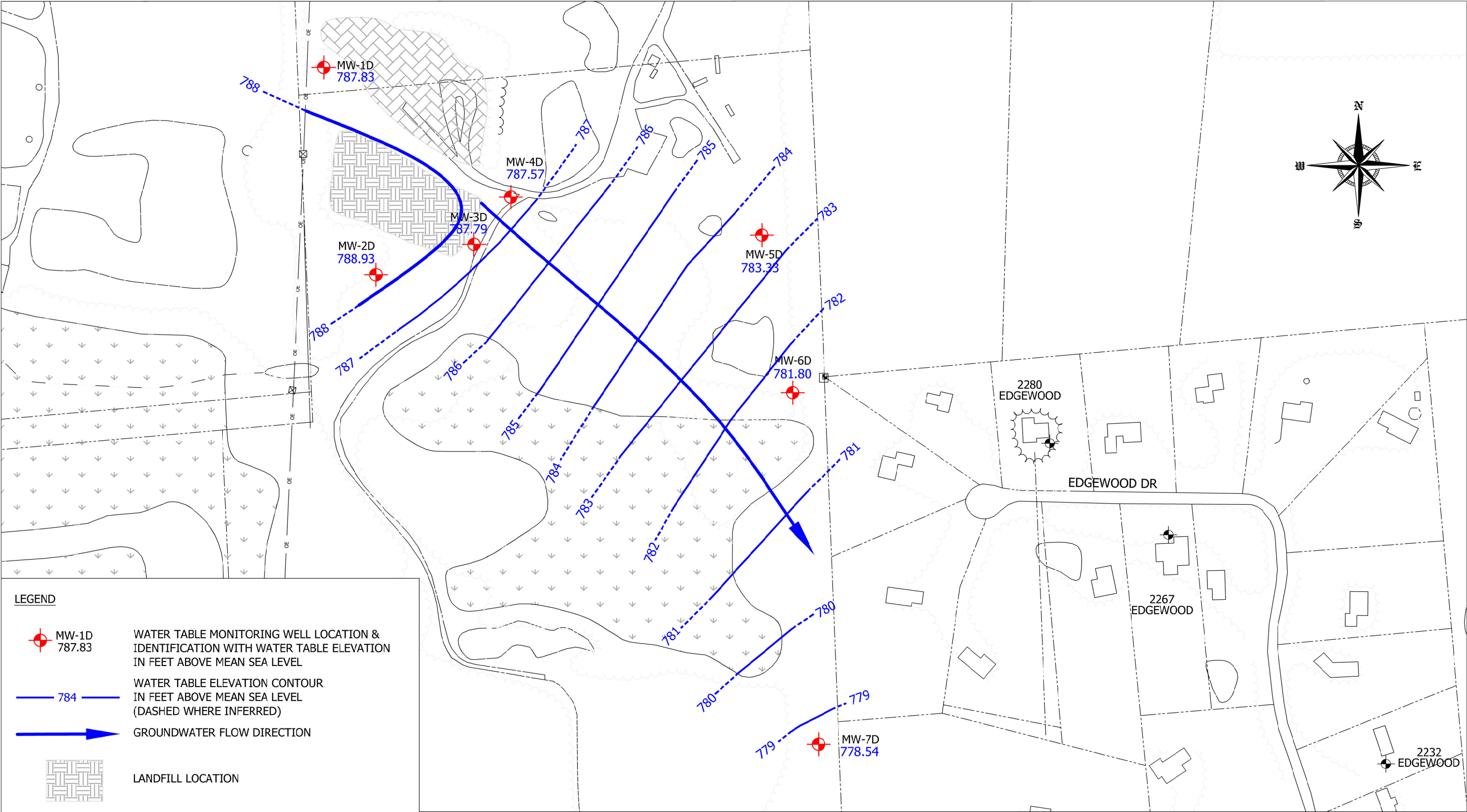
12308 CORPORATE PARKWAY, SUITE 600
MEQUON, WISCONSIN 53092
P: 262-241-4466

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DATE: 2007-11-12 DRAWN BY: BMP REVISED: 2026-03-13 MSE

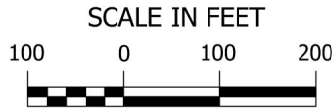
WATER TABLE ELEVATION
September 24, 2025

DENOW LANDFILL
GRAFTON, WISCONSIN



LEGEND

-  MW-1D
787.83 WATER TABLE MONITORING WELL LOCATION & IDENTIFICATION WITH WATER TABLE ELEVATION IN FEET ABOVE MEAN SEA LEVEL
-  784 WATER TABLE ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL (DASHED WHERE INFERRED)
-  GROUNDWATER FLOW DIRECTION
-  LANDFILL LOCATION
-  CONSTRUCTION & DEMOLITION WASTE DISPOSAL AREA
-  POND



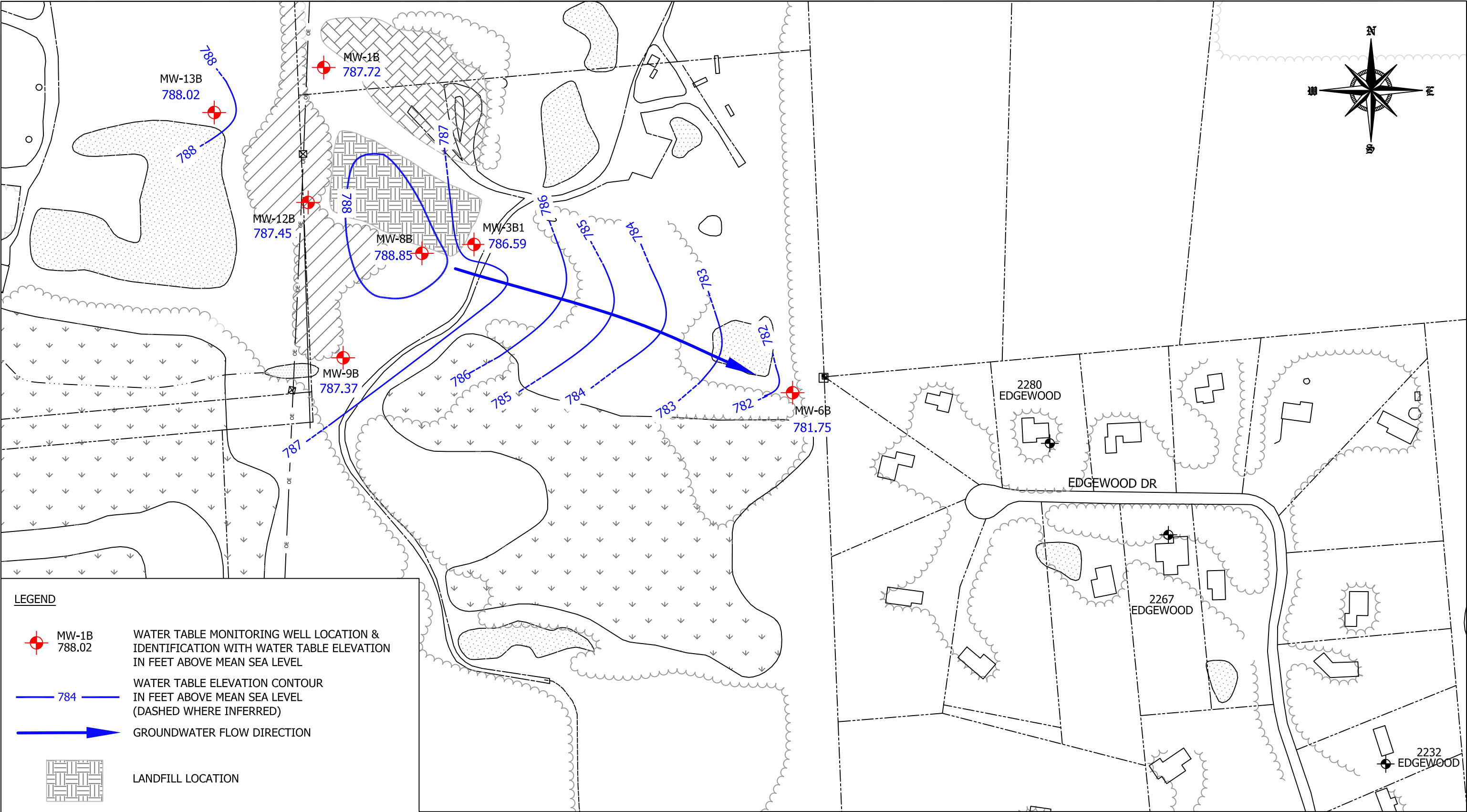
12080 CORPORATE PARKWAY, SUITE 200
MEQUON, WISCONSIN 53092
P: 262-241-4466

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DATE: 2007-11-12 DRAWN BY: JRB REVISED: 2025-03-19 MSE

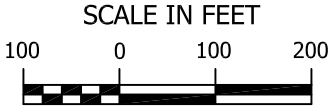
POTENTIOMETRIC
SURFACE ELEVATION - DEEP UNCONSOLIDATED
FORMATION WELLS SEPTEMBER 24, 2025

DENOW LANDFILL
GRAFTON, WISCONSIN



LEGEND

-  MW-1B
788.02
WATER TABLE MONITORING WELL LOCATION & IDENTIFICATION WITH WATER TABLE ELEVATION IN FEET ABOVE MEAN SEA LEVEL
-  784
WATER TABLE ELEVATION CONTOUR IN FEET ABOVE MEAN SEA LEVEL (DASHED WHERE INFERRED)
- 
GROUNDWATER FLOW DIRECTION
- 
LANDFILL LOCATION
- 
CONSTRUCTION & DEMOLITION WASTE DISPOSAL AREA
- 
POND



12308 CORPORATE PARKWAY, SUITE 600
MEQUON, WISCONSIN 53092
P: 262-241-4466

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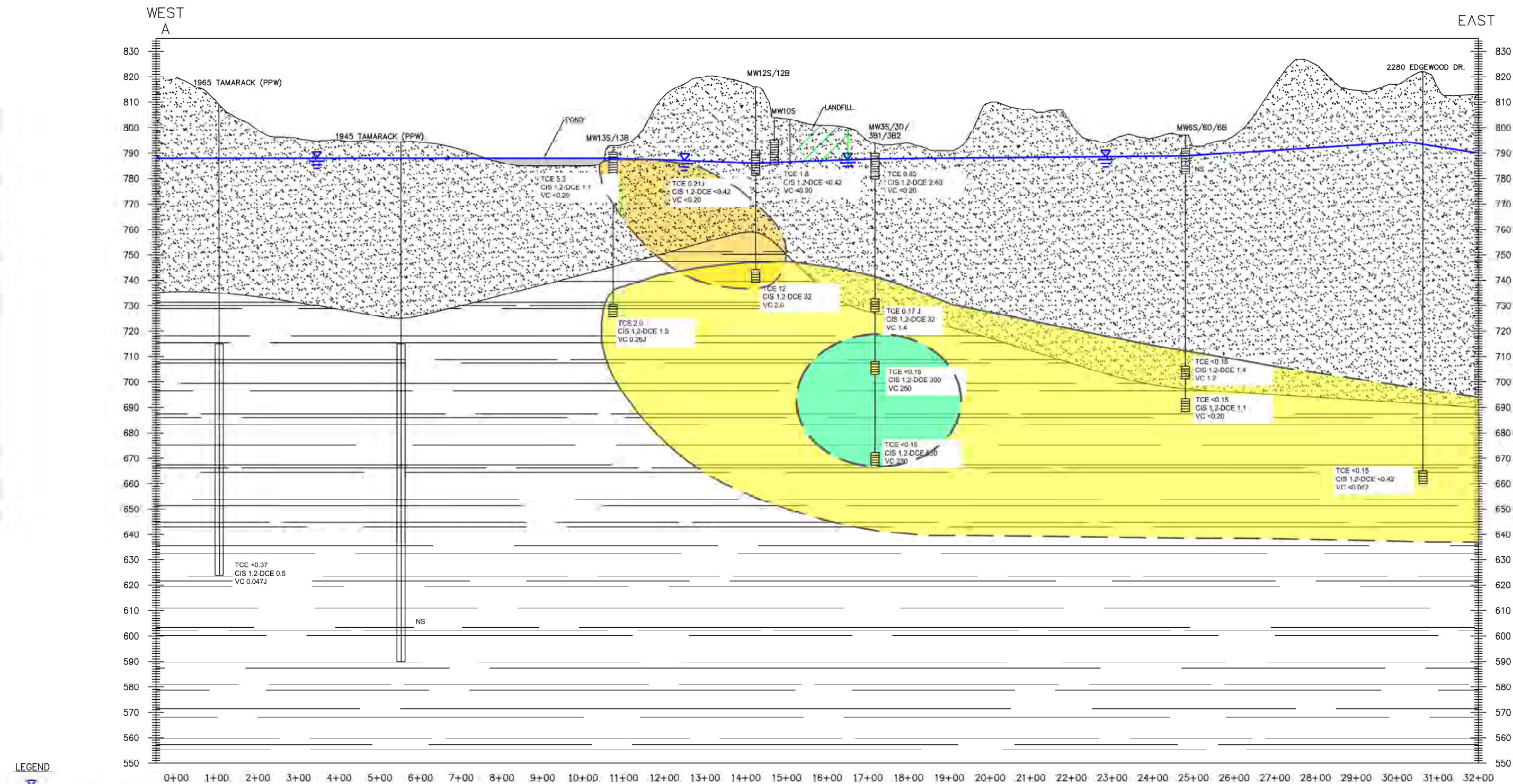
DATE: 2007-11-12 DRAWN BY: JRB REVISED: 2026-03-13 MSE

POTENTIOMETRIC
SURFACE ELEVATION - SHALLOW BEDROCK
WELLS SEPTEMBER 24, 2025

DENOW LANDFILL
GRAFTON, WISCONSIN

FIGURE 5

U:\193711873\03_data\gis\mod\dwg\ref\2025 Fall_MSE\2026.02_193711873_FIG6.dwg Plot Date & Time: 8 March 2026 12:24 PM



LEGEND

TYPICAL GROUND WATER TABLE ELEVATION

WELL LOCATION WITH SCREENED INTERVAL AND SELECT VOC CONCENTRATIONS IN GROUND WATER (µg/l)

EXTENT OF GROUNDWATER WITH VINYL CHLORIDE CONCENTRATIONS EXCEEDING NR140 ENFORCEMENT STANDARD (0.2 µg/L) SEPTEMBER, 2025. DASHED LINES WHERE INFERRED.

EXTENT OF GROUNDWATER WITH TCE CONCENTRATIONS EXCEEDING NR140 ENFORCEMENT STANDARD (5 µg/L) SEPTEMBER, 2025. DASHED LINES WHERE INFERRED.

EXTENT OF GROUNDWATER WITH CIS 1,2-DCE CONCENTRATIONS EXCEEDING NR140 ENFORCEMENT STANDARD (70 µg/L) SEPTEMBER, 2025. DASHED LINES WHERE INFERRED.

DOLOMITE BEDROCK

UNCONSOLIDATED SOIL

ND = NOT DETECTED
PPW = PRIVATE POTABLE WELL
NS = NO SAMPLE COLLECTED IN REPORTING PERIOD

GRAPHIC SCALE

125 0 125 250

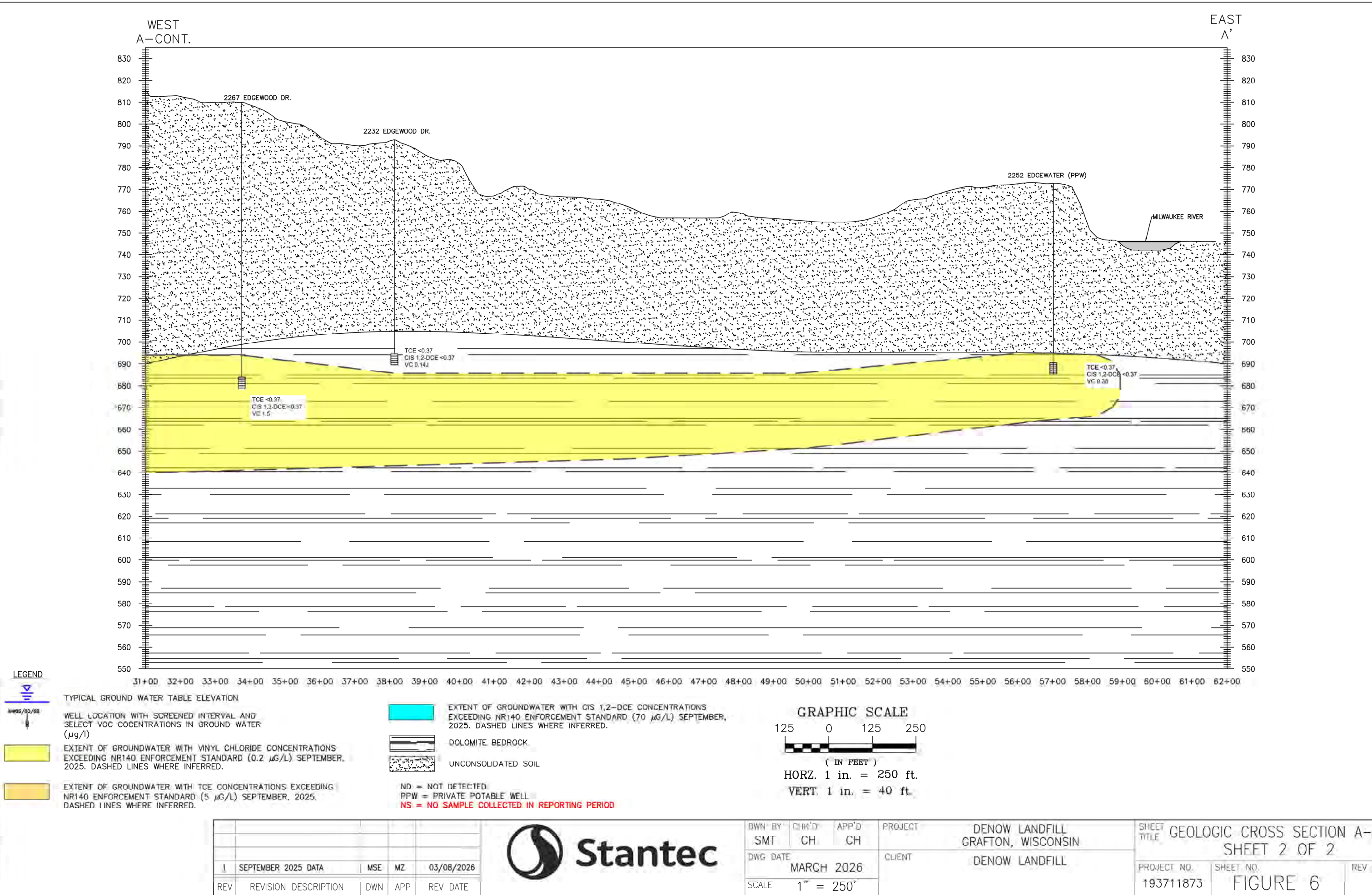
(IN FEET)

HORZ. 1 in. = 250 ft.

VERT. 1 in. = 40 ft.

						DWN' BY SMT	CHK'D CH	APP'D CH	PROJECT DENOW LANDFILL GRAFTON, WISCONSIN	SHEET TITLE GEOLOGIC CROSS SECTION A-A' SHEET 1 OF 2		
I SEPTEMBER 2025 DATA						DWG. DATE MARCH 2026			CLIENT DENOW LANDFILL	PROJECT NO. 193711873	SHEET NO. FIGURE 6	REV. NO.
MSE MZ 03/08/2026												
REV	REVISION DESCRIPTION			DWN		APP	REV DATE					

U:\193711873\03_data\gis\mod\dwg\ref\2025 Fall_MSE\2026.02_193711873_FIG6.dwg Plot Date & Time: 8 March 2026 12:32 PM



Tables

Confidential



Project: 193704196

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-1S	806.65	808.83	11/30/98	27.45	22.43	20.25	786.40
			12/14/98	-	22.68	20.50	786.15
			01/22/99	-	22.63	20.45	786.20
			09/30/99	-	21.39	19.21	787.44
			03/07/00	-	22.51	20.33	786.32
			07/21/00	-	21.01	18.83	787.82
			12/26/00	-	21.67	19.49	787.16
			04/25/01	-	20.65	18.47	788.18
			07/29/02	-	21.09	18.91	787.74
			03/18/03	-	23.54	21.36	785.29
			09/19/03	-	24.23	22.05	784.60
			03/29/04	-	23.71	21.53	785.12
			09/21/04	-	21.53	19.35	787.30
			03/22/05	-	21.74	19.56	787.09
			09/26/05	-	23.38	21.20	785.45
			03/29/06	-	23.33	21.15	785.50
			09/26/06	-	22.80	20.62	786.03
			03/21/07	-	21.44	19.26	787.39
			09/19/07	-	20.75	18.57	788.08
			07/17/08	-	20.63	18.45	788.20
			12/02/08	-	21.57	19.39	787.26
			06/29/09	-	20.57	18.39	788.26
			06/30/10	-	20.80	18.62	788.03
			08/23/11	-	21.22	19.04	787.61
			11/22/11	-	21.71	19.53	787.12
			02/22/12	-	21.58	19.40	787.25
			05/21/12	-	20.77	18.59	788.06
			09/11/12	-	22.89	20.71	785.94
			03/20/13	-	22.07	19.89	786.76
			09/26/13	-	21.67	19.49	787.16
			03/25/14	-	22.60	20.42	786.23
			09/24/14	-	21.78	19.60	787.05
			03/26/15	-	22.91	20.73	785.92
			09/22/15	-	22.06	19.88	786.77
			03/21/16	-	20.67	18.49	788.16
			03/27/18	-	21.63	19.45	787.20
			09/11/18	-	20.52	18.34	788.31
			03/27/19	-	20.53	18.35	788.30
			09/24/19	-	22.71	20.53	786.12
			03/11/20	-	20.56	18.38	788.27
			09/23/20	-	20.85	18.67	787.98
			03/23/21	-	20.72	18.54	788.11
			09/22/21	-	21.82	19.64	787.01
			03/28/22	-	23.01	20.83	785.82
			09/28/22	-	21.80	19.62	787.03
			03/30/23	-	20.57	18.39	788.26
			03/28/24	-	20.54	18.36	788.29
			10/01/24	-	21.32	19.14	787.51
			03/19/25	-	22.21	20.03	786.62
			09/24/25	-	20.87	18.69	787.96
MW-1D	806.47	808.20	11/30/98	70.55	21.81	20.08	786.39
			12/14/98	-	21.92	20.19	786.28
			01/22/99	-	22.03	20.30	786.17
			09/30/99	-	20.76	19.03	787.44
			03/07/00	-	21.89	20.16	786.31
			07/21/00	-	20.39	18.66	787.81
			12/26/00	-	21.03	19.30	787.17
			04/25/01	-	20.01	18.28	788.19
			07/29/02	-	20.45	18.72	787.75

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-1D continued			03/18/03	-	22.93	21.20	785.27
			09/19/03	-	23.59	21.86	784.61
			03/29/04	-	23.08	21.35	785.12
			09/21/04	-	20.89	19.16	787.31
			03/22/05	-	21.13	19.40	787.07
			09/26/05	-	22.75	21.02	785.45
			03/29/06	-	22.72	20.99	785.48
			09/26/06	-	22.18	20.45	786.02
			03/21/07	-	20.83	19.10	787.37
			09/19/07	-	20.10	18.37	788.10
			07/17/08	-	20.02	18.29	788.18
			12/02/08	-	20.96	19.23	787.24
			06/29/09	-	20.16	18.43	788.04
			06/30/10	-	20.21	18.48	787.99
			08/23/11	-	20.68	18.95	787.52
			11/22/11	-	21.10	19.37	787.10
			02/22/12	-	20.96	19.23	787.24
			05/21/12	-	20.15	18.42	788.05
			09/11/12	-	22.28	20.55	785.92
			03/20/13	-	21.47	19.74	786.73
			09/26/13	-	21.06	19.33	787.14
			03/25/14	-	22.02	20.29	786.18
			09/24/14	-	21.20	19.47	787.00
			03/26/15	-	22.29	20.56	785.91
			09/22/15	-	21.84	20.11	786.36
			03/21/16	-	20.08	18.35	788.12
			03/27/18	-	21.06	19.33	787.14
			09/11/18	-	19.92	18.19	788.28
			03/27/19	-	19.93	18.20	788.27
			09/24/19	-	22.09	20.36	786.11
			03/11/20	-	19.98	18.25	788.22
			09/23/20	-	20.27	18.54	787.93
			03/23/21	-	20.11	18.38	788.09
			09/22/21	-	21.24	19.51	786.96
			03/28/22	-	22.56	20.83	785.64
			09/28/22	-	21.29	19.56	786.91
			03/30/23	-	19.70	17.97	788.50
			03/28/24	-	19.90	18.17	788.30
			10/01/24	-	20.71	18.98	787.49
			03/19/25	-	21.58	19.85	786.62
			09/24/25	-	20.37	18.64	787.83
MW-1B	805.68	808.31	07/29/02	96.55	20.71	18.08	787.60
			03/18/03	-	23.13	20.50	785.18
			09/19/03	-	23.81	21.18	784.50
			03/29/04	-	23.28	20.65	785.03
			09/21/04	-	21.14	18.51	787.17
			03/22/05	-	21.39	18.76	786.92
			09/26/05	-	23.04	20.41	785.27
			03/29/06	-	22.97	20.34	785.34
			09/26/06	-	22.45	19.82	785.86
			03/21/07	-	21.04	18.41	787.27
			09/19/07	-	20.33	17.70	787.98
			07/17/08	-	20.10	17.47	788.21
			12/02/08	-	21.15	18.52	787.16
			06/29/09	-	20.36	17.73	787.95
			06/30/10	-	20.44	17.81	787.87
			08/23/11	-	20.87	18.24	787.44
			11/22/11	-	21.25	18.62	787.06

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-1B continued			02/22/12	-	21.14	18.51	787.17
			05/21/12	-	20.37	17.74	787.94
			09/11/12	-	22.52	19.89	785.79
			03/20/13	-	21.64	19.01	786.67
			09/26/13	-	21.28	18.65	787.03
			03/25/14	-	22.17	19.54	786.14
			09/24/14	-	21.40	18.77	786.91
			03/26/15	-	22.45	19.82	785.86
			09/22/15	-	22.03	19.40	786.28
			03/21/16	-	20.23	17.60	788.08
			03/27/18	-	21.26	18.63	787.05
			09/11/18	-	20.08	17.45	788.23
			03/27/19	-	20.01	17.38	788.30
			09/24/19	-	22.26	19.63	786.05
			03/11/20	-	20.01	17.38	788.30
			09/23/20	-	20.41	17.78	787.90
			03/23/21	-	20.21	17.58	788.10
			09/22/21	-	21.40	18.77	786.91
			03/28/22	-	22.43	19.80	785.88
			09/28/22	-	21.37	18.74	786.94
			03/30/23	-	20.15	17.52	788.16
			03/28/24	-	20.10	17.47	788.21
			10/01/24	-	20.94	18.31	787.37
			03/19/25	-	21.74	19.11	786.57
			09/24/25	-	20.59	17.96	787.72
MW-2S	807.66	810.02	11/30/98	30.50	23.62	21.26	786.40
			12/14/98	-	23.73	21.37	786.29
			01/22/99	-	23.83	21.47	786.19
			09/30/99	-	22.58	20.22	787.44
			03/07/00	-	23.70	21.34	786.32
			07/21/00	-	22.20	19.84	787.82
			12/26/00	-	22.86	20.50	787.16
			04/25/01	-	21.90	19.54	788.12
			07/29/02	-	22.26	19.90	787.76
			03/18/03	-	24.73	22.37	785.29
			09/19/03	-	25.42	23.06	784.60
			03/29/04	-	24.89	22.53	785.13
			09/21/04	-	22.73	20.37	787.29
			03/22/05	-	22.95	20.59	787.07
			09/26/05	-	24.55	22.19	785.47
			03/29/06	-	24.53	22.17	785.49
			09/26/06	-	23.99	21.63	786.03
			03/21/07	-	22.52	20.16	787.50
			09/19/07	-	21.85	19.49	788.17
			07/17/08	-	21.85	19.49	788.17
			12/02/08	-	22.76	20.40	787.26
			06/29/09	-	21.99	19.63	788.03
			06/30/10	-	21.98	19.62	788.04
			08/23/11	-	22.43	20.07	787.59
			11/22/11	-	22.91	20.55	787.11
			02/22/12	-	22.78	20.42	787.24
			05/21/12	-	21.98	19.62	788.04
			09/11/12	-	24.09	21.73	785.93
			03/20/13	-	23.28	20.92	786.74
			09/26/13	-	22.88	20.52	787.14
			03/25/14	-	23.80	21.44	786.22
			09/24/14	-	22.99	20.63	787.03

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-2S continued			03/26/15	-	24.09	21.73	785.93
			09/22/15	-	23.52	21.16	786.50
			03/21/16	-	21.90	19.54	788.12
			03/27/18	-	22.85	20.49	787.17
			09/11/18	-	21.76	19.40	788.26
			03/27/19	-	21.77	19.41	788.25
			09/24/19	-	22.03	19.67	787.99
			03/11/20	-	21.82	19.46	788.20
			09/23/20	-	22.07	19.71	787.95
			03/23/21	-	21.90	19.54	788.12
			09/22/21	-	23.04	20.68	786.98
			03/28/22	-	24.20	21.84	785.82
			09/28/22	-	22.10	19.74	787.92
			03/30/23	-	21.75	19.39	788.27
			03/28/24	-	21.76	19.40	788.26
			10/01/24	-	22.56	20.20	787.46
			03/19/25	-	23.41	21.05	786.61
			09/24/25	-	22.19	19.83	787.83
MW-2D	807.41	809.80	12/30/98	47.95	-	-	-
			01/22/99	-	22.60	20.21	787.20
			09/30/99	-	21.37	18.98	788.43
			03/07/00	-	22.49	20.10	787.31
			07/21/00	-	20.99	18.60	788.81
			12/26/00	-	21.64	19.25	788.16
			04/25/01	-	20.67	18.28	789.13
			07/29/02	-	21.07	18.68	788.73
			03/18/03	-	23.51	21.12	786.29
			09/19/03	-	24.20	21.81	785.60
			03/29/04	-	23.67	21.28	786.13
			09/21/04	-	21.51	19.12	788.29
			03/22/05	-	21.73	19.34	788.07
			09/26/05	-	23.32	20.93	786.48
			03/29/06	-	23.30	20.91	786.50
			09/26/06	-	22.77	20.38	787.03
			03/21/07	-	21.42	19.03	788.38
			09/19/07	-	20.69	18.30	789.11
			07/17/08	-	20.63	18.24	789.17
			12/02/08	-	21.52	19.13	788.28
			06/29/09	-	20.78	18.39	789.02
			06/30/10	-	21.98	19.59	787.82
			08/23/11	-	21.19	18.80	788.61
			11/22/11	-	21.68	19.29	788.12
			02/22/12	-	21.54	19.15	788.26
			05/21/12	-	20.75	18.36	789.05
			09/11/12	-	22.87	20.48	786.93
			12/19/12	-	23.82	21.43	785.98
			03/21/13	-	22.05	19.66	787.75
			06/25/13	-	20.59	18.20	789.21
			09/26/13	-	21.64	19.25	788.16
			03/25/14	-	22.57	20.18	787.23
			09/24/14	-	21.78	19.39	788.02
			03/26/15	-	22.85	20.46	786.95
			09/22/15	-	22.40	20.01	787.40
			03/21/16	-	20.66	18.27	789.14
			03/27/18	-	21.64	19.25	788.16
			09/11/18	-	20.54	18.15	789.26
			03/27/19	-	20.53	18.14	789.27
			09/24/19	-	22.70	20.31	787.10

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-2D continued			03/11/20	-	20.84	18.45	788.96
			09/23/20	-	20.85	18.46	788.95
			03/23/21	-	20.76	18.37	789.04
			09/22/21	-	21.80	19.41	788.00
			03/28/22	-	22.93	20.54	786.87
			09/28/22	-	21.85	19.46	787.95
			03/30/23	-	20.75	18.36	789.05
			03/28/24	-	20.53	18.14	789.27
			10/01/24	-	21.32	18.93	788.48
			03/19/25	-	22.19	19.80	787.61
			09/24/25	-	20.87	18.48	788.93
MW-3S	793.66	796.04	11/30/98	16.25	9.67	7.29	786.37
			12/14/98	-	9.77	7.39	786.27
			01/22/99	-	9.92	7.54	786.12
			09/30/99	-	8.67	6.29	787.37
			03/07/00	-	9.89	7.51	786.15
			07/21/00	-	8.39	6.01	787.65
			12/26/00	-	9.03	6.65	787.01
			04/25/01	-	8.09	5.71	787.95
			07/29/02	-	8.48	6.10	787.56
			03/18/03	-	11.01	8.63	785.03
			09/19/03	-	11.67	9.29	784.37
			03/29/04	-	11.15	8.77	784.89
			09/21/04	-	9.00	6.62	787.04
			03/22/05	-	9.93	7.55	786.11
			09/26/05	-	10.93	8.55	785.11
			03/29/06	-	10.90	8.52	785.14
			09/26/06	-	10.37	7.99	785.67
			03/21/07	-	9.04	6.66	787.00
			09/19/07	-	8.35	5.97	787.69
			07/17/08	-	8.26	5.88	787.78
			12/02/08	-	9.15	6.77	786.89
			06/29/09	-	8.43	6.05	787.61
			06/30/10	-	8.42	6.04	787.62
			08/23/11	-	8.80	6.42	787.24
			11/22/11	-	9.30	6.92	786.74
			02/22/12	-	9.17	6.79	786.87
			05/21/12	-	8.36	5.98	787.68
			09/11/12	-	10.48	8.10	785.56
			03/20/13	-	9.71	7.33	786.33
			09/26/13	-	9.31	6.93	786.73
			03/25/14	-	10.23	7.85	785.81
			09/24/14	-	9.40	7.02	786.64
			03/26/15	-	10.59	8.21	785.45
			09/22/15	-	10.77	8.39	785.27
			03/21/16	-	8.35	5.97	787.69
			03/27/18	-	9.43	7.05	786.61
		796.02	09/11/18	-	8.29	5.91	787.73
			03/27/19	-	7.92	5.54	788.10
			09/24/19	-	10.13	7.75	785.89
			03/11/20	-	8.04	5.66	787.98
			09/23/20	-	8.27	5.89	787.75
			03/23/21	-	8.08	5.70	787.94
			09/22/21	-	9.32	6.94	786.70
			03/28/22	-	10.39	8.01	785.63
			09/28/22	-	6.31	3.93	789.71
			03/30/23	-	8.10	5.72	787.92
			03/28/24	-	7.95	5.57	788.07

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
			10/01/24	-	8.88	6.50	787.14
			03/19/25	-	9.66	7.28	786.36
			09/24/25	-	8.40	6.02	787.62
MW-3D	793.67	795.82	12/30/98	68.20	-	-	-
			01/22/99	-	9.72	7.57	786.10
			09/30/99	-	8.47	6.32	787.35
			03/07/00	-	9.60	7.45	786.22
			07/21/00	-	8.10	5.95	787.72
			12/26/00	-	8.74	6.59	787.08
			04/25/01	-	7.78	5.63	788.04
			07/29/02	-	8.16	6.01	787.66
			03/18/03	-	10.63	8.48	785.19
			09/19/03	-	11.35	9.20	784.47
			03/29/04	-	10.75	8.60	785.07
			09/21/04	-	8.60	6.45	787.22
			03/22/05	-	8.84	6.69	786.98
			09/26/05	-	10.43	8.28	785.39
			03/29/06	-	10.40	8.25	785.42
			09/26/06	-	9.88	7.73	785.94
			03/21/07	-	8.53	6.38	787.29
			09/19/07	-	7.83	5.68	787.99
			07/17/08	-	7.74	5.59	788.08
			12/02/08	-	8.61	6.46	787.21
			06/29/09	-	7.87	5.72	787.95
			06/30/10	-	7.88	5.73	787.94
			08/23/11	-	8.31	6.16	787.51
			11/22/11	-	8.80	6.65	787.02
			02/22/12	-	8.65	6.50	787.17
			05/21/12	-	7.84	5.69	787.98
			09/11/12	-	9.98	7.83	785.84
			12/19/12	-	10.93	8.78	784.89
			03/21/13	-	9.15	7.00	786.67
			06/25/13	-	7.68	5.53	788.14
			09/26/13	-	8.74	6.59	787.08
			03/25/14	-	11.07	8.92	784.75
			09/24/14	-	8.84	6.69	786.98
			03/26/15	-	9.98	7.83	785.84
			09/22/15	-	9.78	7.63	786.04
			03/21/16	-	7.73	5.58	788.09
			03/27/18	-	8.70	6.55	787.12
			09/11/18	-	7.56	5.41	788.26
			03/27/19	-	7.61	5.46	788.21
			09/24/19	-	9.81	7.66	786.01
			03/11/20	-	8.69	6.54	787.13
			09/23/20	-	7.94	5.79	787.88
			03/23/21	-	7.77	5.62	788.05
			09/22/21	-	8.98	6.83	786.84
			03/28/22	-	10.17	8.02	785.65
			09/28/22	-	8.90	6.75	786.92
			03/30/23	-	7.81	5.66	788.01
			03/28/24	-	7.58	5.43	788.24
			10/01/24	-	8.52	6.37	787.30
			03/19/25	-	9.28	7.13	786.54
			09/24/25	-	8.03	5.88	787.79

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-3B1	794.16	796.50	07/17/08	93.50	8.85	6.51	787.65
			12/04/08	-	9.88	7.54	786.62
			06/29/09	-	9.16	6.82	787.34
			06/30/10	-	9.16	6.82	787.34
			08/23/11	-	9.54	7.20	786.96
			02/22/12	-	9.91	7.57	786.59
			05/21/12	-	9.22	6.88	787.28
			09/11/12	-	11.35	9.01	785.15
			12/19/12	-	12.35	10.01	784.15
			03/21/13	-	10.50	8.16	786.00
			06/25/13	-	9.08	6.74	787.42
			09/26/13	-	10.20	7.86	786.30
			03/25/14	-	11.33	8.99	785.17
			09/24/14	-	10.35	8.01	786.15
			03/26/15	-	11.37	9.03	785.13
			09/22/15	-	11.31	8.97	785.19
			03/21/16	-	9.26	6.92	787.24
			03/27/18	-	10.15	7.81	786.35
			09/11/18	-	8.97	6.63	787.53
			03/27/19	-	8.93	6.59	787.57
			09/24/19	-	9.28	6.94	787.22
			03/11/20	-	9.00	6.66	787.50
			09/23/20	-	9.38	7.04	787.12
			03/23/21	-	9.24	6.90	787.26
			09/22/21	-	10.45	8.11	786.05
			03/28/22	-	11.59	9.25	784.91
			09/28/22	-	10.61	8.27	785.89
			03/30/23	-	9.20	6.86	787.30
			03/28/24	-	9.31	6.97	787.19
			10/01/24	-	10.21	7.87	786.29
			03/19/25	-	10.81	8.47	785.69
			09/24/25	-	9.91	7.57	786.59
MW-3B2	793.30	796.33	07/17/08	129.05	9.20	6.17	787.13
			12/04/08	-	10.40	7.37	785.93
			06/29/09	-	9.45	6.42	786.88
			06/30/10	-	9.60	6.57	786.73
			08/23/11	-	10.01	6.98	786.32
			11/22/11	-	10.35	7.32	785.98
			02/22/12	-	10.24	7.21	786.09
			05/21/12	-	9.71	6.68	786.62
			09/11/12	-	11.78	8.75	784.55
			12/19/12	-	12.73	9.70	783.60
			03/21/13	-	10.81	7.78	785.52
			06/25/13	-	9.36	6.33	786.97
			09/26/13	-	10.56	7.53	785.77
			03/25/14	-	9.66	6.63	786.67
			09/24/14	-	10.66	7.63	785.67
			03/26/15	-	11.06	8.03	785.27
			09/22/15	-	11.19	8.16	785.14
			03/21/16	-	9.55	6.52	786.78
			03/27/18	-	10.37	7.34	785.96
			09/11/18	-	9.19	6.16	787.14
			03/27/19	-	9.11	6.08	787.22
			09/24/19	-	9.45	6.42	786.88
			03/11/20	-	9.14	6.11	787.19
			09/23/20	-	9.58	6.55	786.75

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
			03/23/21	-	9.40	6.37	786.93
			09/22/21	-	10.91	7.88	785.42
			03/28/22	-	11.42	8.39	784.91
			09/28/22	-	10.38	7.35	785.95
			03/30/23	-	10.52	7.49	785.81
			03/28/24	-	9.05	6.02	787.28
			10/01/24	-	9.96	6.93	786.37
			03/19/25	-	10.65	7.62	785.68
			09/24/25	-	10.86	7.83	785.47
MW-4S	800.48	802.89	11/30/98	16.50	14.87	12.46	788.02
			12/14/98	-	15.25	12.84	787.64
			01/22/99	-	10.17	7.76	792.72
			02/08/99	-	8.06	5.65	794.83
			09/30/99	-	13.20	10.79	789.69
			03/07/00	-	12.30	9.89	790.59
			07/21/00	-	11.38	8.97	791.51
			12/26/00	-	11.56	9.15	791.33
			04/25/01	-	6.33	3.92	796.56
			07/29/02	-	11.21	8.80	791.68
			03/18/03	-	15.65	13.24	787.24
			09/19/03	-	15.65	13.24	787.24
			03/29/04	-	8.85	6.44	794.04
			09/21/04	-	12.04	9.63	790.85
			03/22/05	-	10.43	8.02	792.46
			09/26/05	-	15.52	13.11	787.37
			03/29/06	-	10.21	7.80	792.68
			09/26/06	-	12.16	9.75	790.73
			03/21/07	-	6.74	4.33	796.15
			09/19/07	-	8.58	6.17	794.31
			07/17/08	-	8.61	6.20	794.28
			12/02/08	-	11.32	8.91	791.57
			06/29/09	-	10.41	8.00	792.48
			06/30/10	-	8.21	5.80	794.68
			08/23/11	-	9.83	7.42	793.06
			11/22/11	-	9.44	7.03	793.45
			02/22/12	-	10.15	7.74	792.74
			05/21/12	-	8.96	6.55	793.93
			09/11/12	-	14.10	11.69	788.79
			03/20/13	-	7.83	5.42	795.06
			09/26/13	-	12.52	10.11	790.37
			03/25/14	-	8.40	5.99	794.49
			09/24/14	-	12.55	10.14	790.34
			03/26/15	-	11.83	9.42	791.06
			09/22/15	-	10.05	7.64	792.84
			03/21/16	-	6.69	4.28	796.20
			03/27/18	-	10.37	7.96	792.52
			09/11/18	-	7.56	5.15	795.33
			03/27/19	-	6.21	3.80	796.68
			09/24/19	-	11.13	8.72	791.76
			03/11/20	-	6.44	4.03	796.45
			09/23/20	-	9.61	7.20	793.28
			03/23/21	-	8.02	5.61	794.87
			09/22/21	-	11.57	9.16	791.32
			03/28/22	-	15.43	13.02	787.46
			09/28/22	-	9.95	7.54	792.94
			03/30/23	-	6.70	4.29	796.19
			03/28/24	-	6.47	4.06	796.42

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
			10/01/24	-	12.81	10.40	790.08
			03/19/25	-	8.49	6.08	794.40
			09/24/25	-	11.49	9.08	791.40
MW-4D	800.36	802.60	11/30/98	68.80	16.23	13.99	786.37
			12/14/98	-	16.34	14.10	786.26
			01/22/99	-	16.42	14.18	786.18
			09/30/99	-	15.18	12.94	787.42
			03/07/00	-	16.30	14.06	786.30
			07/21/00	-	14.80	12.56	787.80
			12/26/00	-	15.45	13.21	787.15
			04/25/01	-	14.44	12.20	788.16
			07/29/02	-	14.87	12.63	787.73
			03/18/03	-	17.35	15.11	785.25
			09/19/03	-	17.99	15.75	784.61
			03/29/04	-	17.48	15.24	785.12
			09/21/04	-	15.31	13.07	787.29
			03/22/05	-	15.53	13.29	787.07
			09/26/05	-	17.14	14.90	785.46
			03/29/06	-	17.12	14.88	785.48
			09/26/06	-	16.58	14.34	786.02
			03/21/07	-	15.20	12.96	787.40
			09/19/07	-	14.48	12.24	788.12
			07/17/08	-	14.40	12.16	788.20
			12/02/08	-	15.32	13.08	787.28
			06/29/09	-	14.55	12.31	788.05
			06/30/10	-	14.58	12.34	788.02
			08/23/11	-	15.00	12.76	787.60
			11/22/11	-	15.49	13.25	787.11
			02/22/12	-	15.35	13.11	787.25
			05/21/12	-	14.54	12.30	788.06
			09/11/12	-	16.66	14.42	785.94
			03/21/13	-	15.84	13.60	786.76
			09/26/13	-	15.44	13.20	787.16
			03/25/14	-	16.39	14.15	786.21
			09/24/14	-	15.54	13.30	787.06
			03/26/15	-	16.68	14.44	785.92
			09/22/15	-	16.20	13.96	786.40
			03/21/16	-	14.42	12.18	788.18
			03/27/18	-	15.40	13.16	787.20
			09/11/18	-	14.30	12.06	788.30
			03/27/19	-	14.28	12.04	788.32
			09/24/19	-	14.56	12.32	788.04
			03/11/20	-	14.32	12.08	788.28
			09/23/20	-	14.63	12.39	787.97
			03/23/21	-	14.48	12.24	788.12
			09/22/21	-	15.59	13.35	787.01
			03/28/22	-	16.78	14.54	785.82
			09/28/22	-	15.61	13.37	786.99
			03/30/23	-	14.41	12.17	788.19
			03/28/24	-	14.29	12.05	788.31
			10/01/24	-	15.10	12.86	787.50
			03/19/25	-	15.97	13.73	786.63
			09/24/25	-	14.73	12.49	787.87

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-5S	798.54	800.55	11/30/98	15.40	5.96	3.95	794.59
			12/14/98	-	6.00	3.99	794.55
			01/22/99	-	5.89	3.88	794.66
			09/30/99	-	5.57	3.56	794.98
			03/07/00	-	6.25	4.24	794.30
			07/21/00	-	5.66	3.65	794.89
			12/26/00	-	6.89	4.88	793.66
			04/25/01	-	4.61	2.60	795.94
			07/29/02	-	6.50	4.49	794.05
			03/18/03	-	7.48	5.47	793.07
			09/19/03	-	8.28	6.27	792.27
			03/29/04	-	6.58	4.57	793.97
			09/21/04	-	6.21	4.20	794.34
			03/22/05	-	5.64	3.63	794.91
			09/26/05	-	7.52	5.51	793.03
			03/29/06	-	6.74	4.73	793.81
			09/26/06	-	6.95	4.94	793.60
			03/21/07	-	5.67	3.66	794.88
			09/19/07	-	5.55	3.54	795.00
			07/17/08	-	3.96	1.95	796.59
			12/02/08	-	5.81	3.80	794.74
			06/29/09	-	5.40	3.39	795.15
			06/30/10	-	5.53	3.52	795.02
			08/23/11	-	5.92	3.91	794.63
			11/22/11	-	6.16	4.15	794.39
			02/22/12	-	6.53	4.52	794.02
			05/21/12	-	5.71	3.70	794.84
			09/11/12	-	7.45	5.44	793.10
			03/20/13	-	5.91	3.90	794.64
			09/26/13	-	6.20	4.19	794.35
			03/25/14	-	6.53	4.52	794.02
			09/24/14	-	6.79	4.78	793.76
			03/26/15	-	7.13	5.12	793.42
			09/22/15	-	7.14	5.13	793.41
			03/21/16	-	5.37	3.36	795.18
			03/27/18	-	6.50	4.49	794.05
			09/11/18	-	4.95	2.94	795.60
			03/27/19	-	4.45	2.44	796.10
			09/24/19	-	7.67	5.66	792.88
			03/11/20	-	4.73	2.72	795.82
			09/23/20	-	5.74	3.73	794.81
			03/23/21	-	5.98	3.97	794.57
			09/22/21	-	7.11	5.10	793.44
			03/28/22	-	7.11	5.10	793.44
			09/28/22	-	6.72	4.71	793.83
			03/30/23	-	5.01	3.00	795.54
			03/28/24	-	4.96	2.95	795.59
			10/01/24	-	6.19	4.18	794.36
			03/19/25	-	6.69	4.68	793.86
			09/24/25	-	6.30	4.29	794.25
MW-5D	797.80	800.44	11/30/98	60.50	18.52	15.88	781.92
			12/14/98	-	18.60	15.96	781.84
			01/22/99	-	18.73	16.09	781.71
			09/30/99	-	17.68	15.04	782.76
			03/07/00	-	18.81	16.17	781.63
			07/21/00	-	16.86	14.22	783.58

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-5D Conintued			12/26/00	-	17.95	15.31	782.49
			04/25/01	-	15.14	12.50	785.30
			07/29/02	-	17.20	14.56	783.24
			03/18/03	-	20.03	17.39	780.41
			09/19/03	-	20.44	17.80	780.00
			03/29/04	-	19.51	16.87	780.93
			09/21/04	-	17.91	15.27	782.53
			03/22/05	-	17.34	14.70	783.10
			09/26/05	-	19.89	17.25	780.55
			03/29/06	-	19.08	16.44	781.36
			09/26/06	-	19.03	16.39	781.41
			03/21/07	-	15.10	12.46	785.34
			09/19/07	-	15.01	12.37	785.43
			07/17/08	-	14.77	12.13	785.67
			12/02/08	-	17.83	15.19	782.61
			06/29/09	-	16.15	13.51	784.29
			06/30/10	-	15.96	13.32	784.48
			08/23/11	-	17.00	14.36	783.44
			11/22/11	-	17.35	14.71	783.09
			02/22/12	-	17.21	14.57	783.23
			05/21/12	-	16.29	13.65	784.15
			09/11/12	-	19.32	16.68	781.12
			03/20/13	-	17.80	15.16	782.64
			09/26/13	-	17.94	15.30	782.50
			03/25/14	-	18.73	16.09	781.71
			09/24/14	-	18.20	15.56	782.24
			03/26/15	-	19.21	16.57	781.23
			09/22/15	-	18.74	16.10	781.70
			03/21/16	-	16.29	13.65	784.15
			03/27/18	-	17.88	15.24	782.56
			09/11/18	-	15.88	13.24	784.56
			03/27/19	-	15.43	12.79	785.01
			09/24/19	-	18.70	16.06	781.74
			03/11/20	-	15.84	13.20	784.60
			09/23/20	-	16.67	14.03	783.77
			03/23/21	-	16.68	14.04	783.76
			09/22/21	-	18.35	15.71	782.09
			03/28/22	-	19.40	16.76	781.04
			09/28/22	-	18.09	15.45	782.35
			03/30/23	-	15.74	13.10	784.70
			03/28/24	-	16.14	13.50	784.30
			10/01/24	-	17.77	15.13	782.67
			03/19/25	-	18.57	15.93	781.87
			09/24/25	-	17.11	14.47	783.33
MW-6S	796.89	799.46	11/30/98	17.60	11.19	8.62	788.27
			12/14/98	-	11.15	8.58	788.31
			01/22/99	-	11.11	8.54	788.35
			09/30/99	-	10.94	8.37	788.52
			03/07/00	-	10.88	8.31	788.58
			07/21/00	-	10.54	7.97	788.92
			12/26/00	-	10.71	8.14	788.75

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-6S continued			04/25/01	-	9.65	7.08	789.81
			07/29/02	-	10.81	8.24	788.65
			03/18/03	-	12.40	9.83	787.06
			09/19/03	-	13.05	10.48	786.41
			03/29/04	-	11.24	8.67	788.22
			09/21/04	-	11.32	8.75	788.14
			03/22/05	-	10.46	7.89	789.00
			09/26/05	-	12.66	10.09	786.80
			03/29/06	-	11.18	8.61	788.28
			09/26/06	-	11.97	9.40	787.49
			03/21/07	-	10.49	7.92	788.97
			09/19/07	-	10.42	7.85	789.04
			07/17/08	-	8.89	6.32	790.57
			12/02/08	-	10.35	7.78	789.11
			06/29/09	-	10.03	7.46	789.43
			06/30/10	-	10.04	7.47	789.42
			08/23/11	-	10.58	8.01	788.88
			11/22/11	-	10.59	8.02	788.87
			02/22/12	-	10.55	7.98	788.91
			05/21/12	-	10.21	7.64	789.25
			09/11/12	-	12.45	9.88	787.01
			03/20/13	-	10.49	7.92	788.97
			09/26/13	-	11.15	8.58	788.31
			03/25/14	-	10.80	8.23	788.66
			09/24/14	-	11.48	8.91	787.98
			03/26/15	-	11.14	8.57	788.32
			09/22/15	-	11.35	8.78	788.11
			03/21/16	-	10.19	7.62	789.27
			03/27/18	-	10.37	7.80	789.09
			09/11/18	-	9.60	7.03	789.86
			03/27/19	-	9.22	6.65	790.24
			09/24/19	-	11.76	9.19	787.70
			03/11/20	-	11.32	8.75	788.14
			09/23/20	-	9.78	7.21	789.68
			03/23/21	-	9.99	7.42	789.47
			09/22/21	-	10.94	8.37	788.52
			03/28/22	-	10.90	8.33	788.56
			09/28/22	-	10.94	8.37	788.52
			03/30/23	-	9.70	7.13	789.76
			03/28/24	-	9.89	7.32	789.57
			10/01/24	-	10.47	7.90	788.99
			03/19/25	-	10.46	7.89	789.00
			09/24/25	-	10.06	7.49	789.40
MW-6D	796.87	799.38	11/30/98	98.15	20.10	17.59	779.28
			12/14/98	-	19.99	17.48	779.39
			01/22/99	-	19.94	17.43	779.44
			09/30/99	-	19.06	16.55	780.32
			03/07/00	-	19.30	16.79	780.08
			07/21/00	-	18.46	15.95	780.92
			12/26/00	-	18.67	16.16	780.71
			04/25/01	-	17.52	15.01	781.86
			07/29/02	-	18.50	15.99	780.88
			03/18/03	-	20.50	17.99	778.88
			09/19/03	-	21.02	18.51	778.36
			03/29/04	-	19.20	16.69	780.18
			09/21/04	-	18.90	16.39	780.48
			03/22/05	-	18.43	15.92	780.95

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-6D continued			09/26/05	-	20.71	18.20	778.67
			03/29/06	-	19.27	16.76	780.11
			09/26/06	-	19.91	17.40	779.47
			03/21/07	-	18.10	15.59	781.28
			09/19/07	-	17.86	15.35	781.52
			07/17/08	-	16.96	14.45	782.42
			12/02/08	-	18.40	15.89	780.98
			06/29/09	-	17.66	15.15	781.72
			06/30/10	-	17.62	15.11	781.76
			08/23/11	-	18.14	15.63	781.24
			11/22/11	-	18.16	15.65	781.22
			02/22/12	-	17.94	15.43	781.44
			05/21/12	-	17.18	14.67	782.20
			09/11/12	-	20.08	17.57	779.30
			12/19/12	-	20.24	17.73	779.14
			03/20/13	-	18.31	15.80	781.07
			06/25/13	-	17.14	14.63	782.24
			09/26/13	-	18.74	16.23	780.64
			03/25/14	-	18.76	16.25	780.62
			09/24/14	-	18.82	16.31	780.56
			03/26/15	-	18.97	16.46	780.41
			09/22/15	-	19.01	16.50	780.37
			03/21/16	-	17.44	14.93	781.94
			03/27/18	-	18.05	15.54	781.33
			09/11/18	-	17.22	14.71	782.16
			03/27/19	-	16.82	14.31	782.56
			09/24/19	-	19.36	16.85	780.02
			03/11/20	-	16.98	14.47	782.40
			09/23/20	-	17.43	14.92	781.95
			03/23/21	-	17.40	14.89	781.98
			09/22/21	-	18.41	15.90	780.97
			03/28/22	-	18.78	16.27	780.60
			09/28/22	-	18.03	15.52	781.35
			03/30/23	-	16.95	14.44	782.43
			03/28/24	-	17.17	14.66	782.21
			10/01/24	-	18.03	15.52	781.35
			03/19/25	-	18.26	15.75	781.12
			09/24/25	-	17.58	15.07	781.80
MW-6B	796.51	799.05	07/29/02	110.60	18.17	15.63	780.88
			03/18/03	-	20.15	17.61	778.90
			09/19/03	-	20.66	18.12	778.39
			03/29/04	-	18.85	16.31	780.20
			09/21/04	-	18.55	16.01	780.50
			03/22/05	-	18.09	15.55	780.96
			09/26/05	-	20.37	17.83	778.68
			03/29/06	-	18.92	16.38	780.13
			09/26/06	-	19.44	16.90	779.61
			03/21/07	-	17.68	15.14	781.37
			09/19/07	-	17.52	14.98	781.53
			07/17/08	-	16.61	14.07	782.44
			12/02/08	-	18.07	15.53	780.98
			06/29/09	-	17.34	14.80	781.71
			06/30/10	-	17.30	14.76	781.75
			08/23/11	-	17.81	15.27	781.24
			11/22/11	-	17.83	15.29	781.22
			02/21/12	-	17.61	15.07	781.44
			05/21/12	-	17.51	14.97	781.54

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-6B continued			09/11/12	-	19.75	17.21	779.30
			12/19/12	-	19.89	17.35	779.16
			03/20/13	-	17.98	15.44	781.07
			06/25/13	-	16.82	14.28	782.23
			09/26/13	-	18.40	15.86	780.65
			03/25/14	-	18.44	15.90	780.61
			09/24/14	-	18.47	15.93	780.58
			03/26/15	-	18.66	16.12	780.39
			09/22/15	-	18.69	16.15	780.36
			03/21/16	-	17.10	14.56	781.95
			03/27/18	-	17.73	15.19	781.32
			09/11/18	-	16.88	14.34	782.17
			03/27/19	-	16.50	13.96	782.55
			09/24/19	-	19.02	16.48	780.03
			03/11/20	-	16.65	14.11	782.40
			09/23/20	-	17.10	14.56	781.95
			03/23/21	-	17.03	14.49	782.02
			09/22/21	-	18.08	15.54	780.97
			03/28/22	-	18.47	15.93	780.58
			09/28/22	-	17.94	15.40	781.11
			03/30/23	-	16.79	14.25	782.26
			03/28/24	-	16.83	14.29	782.22
			10/01/24	-	17.70	15.16	781.35
			03/19/25	-	18.24	15.70	780.81
			09/24/25	-	17.30	14.76	781.75
MW-7S	799.21	801.67	11/30/98	24.25	19.50	17.04	782.17
			12/14/98	-	19.49	17.03	782.18
			01/22/99	-	19.53	17.07	782.14
			09/30/99	-	19.12	16.66	782.55
			03/07/00	-	19.13	16.67	782.54
			07/21/00	-	18.23	15.77	783.44
			12/26/00	-	18.89	16.43	782.78
			04/25/01	-	16.73	14.27	784.94
			07/29/02	-	18.65	16.19	783.02
			03/18/03	-	20.20	17.74	781.47
			09/19/03	-	20.40	17.94	781.27
			03/29/04	-	18.81	16.35	782.86
			09/21/04	-	18.89	16.43	782.78
			03/22/05	-	18.52	16.06	783.15
			09/26/05	-	20.64	18.18	781.03
			03/29/06	-	18.89	16.43	782.78
			09/26/06	-	19.74	17.28	781.93
			03/21/07	-	17.84	15.38	783.83
			09/19/07	-	18.11	15.65	783.56
			07/17/08	-	17.03	14.57	784.64
			12/02/08	-	18.98	16.52	782.69
			06/29/09	-	18.13	15.67	783.54
			06/30/10	-	18.00	15.54	783.67
			08/23/11	-	18.85	16.39	782.82
			11/22/11	-	18.95	16.49	782.72
			02/22/12	-	18.65	16.19	783.02
			05/21/12	-	17.84	15.38	783.83
			09/11/12	-	20.30	17.84	781.37
			03/20/13	-	18.27	15.81	783.40
			09/26/13	-	19.18	16.72	782.49
			03/25/14	-	18.97	16.51	782.70
			09/24/14	-	19.25	16.79	782.42

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-7S continued			03/26/15	-	19.17	16.71	782.50
			09/22/15	-	19.51	17.05	782.16
			03/21/16	-	18.03	15.57	783.64
			03/27/18	-	18.86	16.40	782.81
			09/11/18	-	17.07	14.61	784.60
			03/27/19	-	16.85	14.39	784.82
			09/24/19	-	20.55	18.09	781.12
			03/11/20	-	17.85	15.39	783.82
			09/23/20	-	18.60	16.14	783.07
			03/23/21	-	18.05	15.59	783.62
			09/22/21	-	19.44	16.98	782.23
			03/28/22	-	19.48	17.02	782.19
			09/28/22	-	19.20	16.74	782.47
			03/30/23	-	17.12	14.66	784.55
			03/28/24	-	17.77	15.31	783.90
			10/01/24	-	19.08	16.62	782.59
			03/19/25	-	19.12	16.66	782.55
			09/24/25	-	18.60	16.14	783.07
MW-7D	799.15	801.39	11/30/98	82.55	25.08	22.84	776.31
			12/14/98	-	24.99	22.75	776.40
			01/22/99	-	24.97	22.73	776.42
			09/30/99	-	23.99	21.75	777.40
			03/07/00	-	24.34	22.10	777.05
			07/21/00	-	23.29	21.05	778.10
			12/26/00	-	23.66	21.42	777.73
			04/25/01	-	22.35	20.11	779.04
			07/29/02	-	23.42	21.18	777.97
			03/18/03	-	25.59	23.35	775.80
			09/19/03	-	25.94	23.70	775.45
			03/29/04	-	24.40	22.16	776.99
			09/21/04	-	23.92	21.68	777.47
			03/22/05	-	23.60	21.36	777.79
			09/26/05	-	25.81	23.57	775.58
			03/29/06	-	24.41	22.17	776.98
			09/26/06	-	24.95	22.71	776.44
			03/21/07	-	23.29	21.05	778.10
			09/19/07	-	23.04	20.80	778.35
			07/17/08	-	21.71	19.47	779.68
			12/02/08	-	23.48	21.24	777.91
			06/29/09	-	22.60	20.36	778.79
			06/30/10	-	22.56	20.32	778.83
			08/23/11	-	23.27	21.03	778.12
			11/22/11	-	23.35	21.11	778.04
			02/22/12	-	23.06	20.82	778.33
			05/21/12	-	22.56	20.32	778.83
			09/11/12	-	25.13	22.89	776.26
			03/20/13	-	23.57	21.33	777.82
			09/26/13	-	23.85	21.61	777.54
			03/25/14	-	24.01	21.77	777.38
			09/24/14	-	23.96	21.72	777.43
			03/26/15	-	24.16	21.92	777.23
			09/22/15	-	24.20	21.96	777.19
			03/21/16	-	22.75	20.51	778.64
			03/27/18	-	23.39	21.15	778.00
			09/11/18	-	22.57	20.33	778.82
			03/27/19	-	21.91	19.67	779.48
			09/24/19	-	24.56	22.32	776.83

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-7D continued			03/11/20	-	24.01	21.77	777.38
			09/23/20	-	22.57	20.33	778.82
			03/23/21	-	22.66	20.42	778.73
			09/22/21	-	23.66	21.42	777.73
			03/28/22	-	24.15	21.91	777.24
			09/28/22	-	23.57	21.33	777.82
			03/30/23	-	22.21	19.97	779.18
			03/28/24	-	22.49	20.25	778.90
			10/01/24	-	23.23	20.99	778.16
			03/19/25	-	23.62	21.38	777.77
			09/24/25	-	22.85	20.61	778.54
MW-8S	805.25	807.67	07/29/02	32.55	19.00	16.58	788.67
			03/18/03	-	21.38	18.96	786.29
			09/19/03	-	22.06	19.64	785.61
			03/29/04	-	21.54	19.12	786.13
			09/21/04	-	19.38	16.96	788.29
			03/22/05	-	19.61	17.19	788.06
			09/26/05	-	21.20	18.78	786.47
			03/29/06	-	21.18	18.76	786.49
			09/26/06	-	20.64	18.22	787.03
			03/21/07	-	19.29	16.87	788.38
			09/19/07	-	18.58	16.16	789.09
			07/17/08	-	18.50	16.08	789.17
			12/02/08	-	19.39	16.97	788.28
			06/29/09	-	18.66	16.24	789.01
			06/30/10	-	18.63	16.21	789.04
			08/23/11	-	19.07	16.65	788.60
			11/22/11	-	19.56	17.14	788.11
			02/22/12	-	19.42	17.00	788.25
			05/21/12	-	18.61	16.19	789.06
			09/11/12	-	20.73	18.31	786.94
			03/21/13	-	19.91	17.49	787.76
			09/26/13	-	19.52	17.10	788.15
			03/25/14	-	20.44	18.02	787.23
			09/24/14	-	19.62	17.20	788.05
			03/26/15	-	19.43	17.01	788.24
			09/22/15	-	19.73	17.31	787.94
			03/21/16	-	18.53	16.11	789.14
			03/27/18	-	19.49	17.07	788.18
			09/11/18	-	18.39	15.97	789.28
			03/27/19	-	18.40	15.98	789.27
			09/24/19	-	18.64	16.22	789.03
			03/11/20	-	18.38	15.96	789.29
			09/23/20	-	18.71	16.29	788.96
			03/23/21	-	18.57	16.15	789.10
			09/22/21	-	19.66	17.24	788.01
			03/28/22	-	20.83	18.41	786.84
			09/28/22	-	19.68	17.26	787.99
			03/30/23	-	18.40	15.98	789.27
			03/28/24	-	18.40	15.98	789.27
			03/19/25	-	20.13	17.71	787.54
			09/24/25	-	18.71	16.29	788.96
MW-8B	805.70	808.03	07/29/02	76.30	19.36	17.03	788.67
			03/18/03	-	21.76	19.43	786.27
			09/19/03	-	22.44	20.11	785.59

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-8B Continued			03/29/04	-	21.92	19.59	786.11
			09/21/04	-	19.75	17.42	788.28
			03/22/05	-	19.98	17.65	788.05
			09/26/05	-	21.58	19.25	786.45
			03/29/06	-	21.55	19.22	786.48
			09/26/06	-	21.02	18.69	787.01
			03/21/07	-	19.66	17.33	788.37
			09/19/07	-	18.95	16.62	789.08
			07/17/08	-	18.87	16.54	789.16
			12/02/08	-	19.77	17.44	788.26
			06/29/09	-	19.03	16.70	789.00
			06/30/10	-	18.98	16.65	789.05
			08/23/11	-	19.45	17.12	788.58
			11/22/11	-	19.92	17.59	788.11
			02/22/12	-	19.79	17.46	788.24
			05/21/12	-	18.98	16.65	789.05
			09/11/12	-	21.11	18.78	786.92
			03/20/13	-	20.28	17.95	787.75
			09/26/13	-	19.89	17.56	788.14
			03/25/14	-	20.81	18.48	787.22
			09/24/14	-	19.99	17.66	788.04
			03/26/15	-	21.09	18.76	786.94
			09/22/15	-	20.61	18.28	787.42
			03/21/16	-	18.90	16.57	789.13
			03/27/18	-	19.84	17.51	788.19
			09/11/18	-	19.76	17.43	788.27
			03/27/19	-	18.74	16.41	789.29
			09/24/19	-	20.89	18.56	787.14
			03/11/20	-	18.77	16.44	789.26
			09/23/20	-	19.07	16.74	788.96
			03/23/21	-	18.89	16.56	789.14
			09/22/21	-	20.03	17.70	788.00
			02/28/22	-	21.19	18.86	786.84
			09/28/22	-	20.01	17.68	788.02
			03/30/23	-	18.81	16.48	789.22
			03/28/24	-	18.74	16.41	789.29
			03/19/25	-	20.41	18.08	787.62
			09/24/25	-	19.18	16.85	788.85
MW-9S	791.61	794.05	07/17/08	13.0	5.98	3.54	788.07
			12/04/08	-	6.80	4.36	787.25
			06/29/09	-	6.62	4.18	787.43
			06/30/10	-	6.39	3.95	787.66
			08/23/11	-	6.97	4.53	787.08
			11/22/11	-	6.58	4.14	787.47
			02/22/12	-	6.40	3.96	787.65
			05/21/12	-	6.45	4.01	787.60
			09/11/12	-	9.22	6.78	784.83
			03/20/13	-	6.50	4.06	787.55
			09/26/13	-	7.84	5.40	786.21
			03/25/14	-	6.65	4.21	787.40
			09/24/14	-	7.98	5.54	786.07
			03/26/15	-	7.17	4.73	786.88
			09/22/15	-	7.42	4.98	786.63
			03/21/16	-	5.89	3.45	788.16

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-9S continued			03/27/18	-	6.41	3.97	787.64
			09/11/18	-	5.76	3.32	788.29
			03/27/19	-	5.56	3.12	788.49
			09/24/19	-	8.00	5.56	786.05
			03/11/20	-	4.96	2.52	789.09
			09/23/20	-	6.38	3.94	787.67
			03/23/21	-	5.91	3.47	788.14
			09/22/21	-	7.32	4.88	786.73
			03/28/22	-	6.66	4.22	787.39
			09/28/22	-	7.01	4.57	787.04
			03/30/23	-	5.41	2.97	788.64
			03/28/24	-	5.54	3.10	788.51
			10/01/24	-	7.02	4.58	787.03
			03/19/25	-	6.54	4.10	787.51
			09/24/25	-	6.72	4.28	787.33
MW-9B	791.41	793.72	07/17/08	97.0	6.60	4.29	787.12
			12/04/08	-	6.92	4.61	786.80
			06/29/09	-	6.17	3.86	787.55
			06/30/10	-	6.18	3.87	787.54
			08/23/11	-	6.58	4.27	787.14
			11/22/11	-	7.05	4.74	786.67
			02/22/12	-	6.91	4.60	786.81
			05/21/12	-	6.14	3.83	787.58
			09/11/12	-	8.25	5.94	785.47
			12/19/12	-	9.15	6.84	784.57
			03/21/13	-	7.42	5.11	786.30
			06/25/13	-	5.97	3.66	787.75
			09/26/13	-	7.04	4.73	786.68
			03/25/14	-	7.94	5.63	785.78
			09/24/14	-	7.15	4.84	786.57
			03/26/15	-	8.22	5.91	785.50
			09/22/15	-	7.77	5.46	785.95
			03/21/16	-	6.07	3.76	787.65
			03/27/18	-	7.00	4.69	786.72
			09/11/18	-	5.94	3.63	787.78
			03/27/19	-	5.92	3.61	787.80
			09/24/19	-	8.03	5.72	785.69
			03/11/20	-	6.02	3.71	787.70
			09/23/20	-	6.21	3.90	787.51
			03/23/21	-	6.05	3.74	787.67
			09/22/21	-	7.26	4.95	786.46
			03/28/22	-	8.42	6.11	785.30
			09/28/22	-	7.24	4.93	786.48
			03/30/23	-	5.92	3.61	787.80
			03/28/24	-	5.97	3.66	787.75
			10/01/24	-	6.82	4.51	786.90
			03/19/25	-	7.57	5.26	786.15
			09/24/25	-	6.35	4.04	787.37
MW-10S	804.02	806.33	07/17/08	21.0	18.35	16.04	787.98
			12/04/08	-	19.25	16.94	787.08
			06/29/09	-	18.50	16.19	787.83
			06/30/10	-	18.52	16.21	787.81
			08/23/11	-	18.93	16.62	787.40
			11/22/11	-	19.39	17.08	786.94
			02/22/12	-	19.26	16.95	787.07

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-10S Continued			05/21/12	-	18.45	16.14	787.88
			09/11/12	-	20.59	18.28	785.74
			12/19/12	-	23.20	20.89	783.13
			03/21/13	-	19.75	17.44	786.58
			06/25/13	-	18.29	15.98	788.04
			09/26/13	-	19.34	17.03	786.99
			03/25/14	-	20.29	17.98	786.04
			09/24/14	-	19.35	17.04	786.98
			03/26/15	-	20.58	18.27	785.75
			09/22/15	-	20.10	17.79	786.23
			03/21/16	-	18.35	16.04	787.98
			03/27/18	-	19.31	17.00	787.02
			09/11/18	-	18.24	15.93	788.09
			03/27/19	-	18.23	15.92	788.10
			09/24/19	-	20.39	18.08	785.94
			03/11/20	-	18.23	15.92	788.10
			09/23/20	-	19.54	17.23	786.79
			03/23/21	-	18.35	16.04	787.98
			09/22/21	-	19.50	17.19	786.83
			03/28/22	-	>19.58	>17.27	<786.75
			09/28/22	-	>19.58	>17.27	<786.75
			03/30/23	-	18.31	16.00	788.02
			03/28/24	-	18.24	15.93	788.09
			10/01/24	-	>19.58	>17.27	<786.75
			03/19/25	-	>19.58	>17.27	<786.75
			09/24/25	-	18.66	16.35	787.67
MW-11S	818.15	821.03	07/17/08	36.0	33.19	30.31	787.84
			12/04/08	-	34.20	31.32	786.83
			06/29/09	-	33.37	30.49	787.66
			06/30/10	-	33.39	30.51	787.64
			08/23/11	-	33.83	30.95	787.20
			11/22/11	-	34.33	31.45	786.70
			02/22/12	-	34.19	31.31	786.84
			05/21/12	-	33.37	30.49	787.66
			09/11/12	-	35.51	32.63	785.52
			03/20/13	-	34.69	31.81	786.34
			09/26/13	-	34.30	31.42	786.73
			03/25/14	-	35.23	32.35	785.80
			09/24/14	-	34.40	31.52	786.63
			03/26/15	-	35.53	32.65	785.50
			09/22/15	-	35.03	32.15	786.00
			03/21/16	-	33.29	30.41	787.74
			03/27/18	-	34.26	31.38	786.77
			09/11/18	-	33.09	30.21	787.94
			03/27/19	-	33.13	30.25	787.90
			09/24/19	-	35.32	32.44	785.71
			03/11/20	-	33.06	30.18	787.97
			09/23/20	-	33.46	30.58	787.57
			03/23/21	-	33.34	30.46	787.69
			09/22/21	-	34.45	31.57	786.58

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-11S continued			03/28/22	-	35.62	32.74	785.41
			09/28/22	-	34.50	31.62	786.53
			03/30/23	-	33.16	30.28	787.87
			03/28/24	-	33.12	30.24	787.91
			10/01/24	-	33.96	31.08	787.07
			03/19/25	-	34.82	31.94	786.21
			09/24/25	-	33.57	30.69	787.46
MW-12S	815.97	818.74	06/29/09	37.55	30.58	27.81	788.16
			06/30/10	-	30.89	28.12	787.85
			08/23/11	-	31.05	28.28	787.69
			11/22/11	-	31.53	28.76	787.21
			02/22/12	-	31.41	28.64	787.33
			05/21/12	-	30.60	27.83	788.14
			09/11/12	-	32.71	29.94	786.03
			12/19/12	-	33.68	30.91	785.06
			03/21/13	-	31.92	29.15	786.82
			06/25/13	-	30.46	27.69	788.28
			09/26/13	-	31.51	28.74	787.23
			03/25/14	-	32.45	29.68	786.29
			09/24/14	-	31.60	28.83	787.14
			03/26/15	-	32.71	29.94	786.03
			09/22/15	-	32.23	29.46	786.51
			03/21/16	-	30.55	27.78	788.19
			03/27/18	-	31.48	28.71	787.26
			09/11/18	-	30.40	27.63	788.34
			03/27/19	-	30.41	27.64	788.33
			09/24/19	-	30.66	27.89	788.08
			03/11/20	-	30.47	27.70	788.27
			09/23/20	-	30.70	27.93	788.04
			03/23/21	-	30.51	27.74	788.23
			09/22/21	-	31.65	28.88	787.09
			03/28/22	-	32.86	30.09	785.88
			09/28/22	-	31.65	28.88	787.09
			03/30/23	-	30.40	27.63	788.34
			03/28/24	-	30.42	27.65	788.32
			10/01/24	-	31.21	28.44	787.53
			03/19/25	-	32.05	29.28	786.69
			09/24/25	-	30.70	27.93	788.04
MW-12B	815.50	818.49	06/29/09	79.35	30.49	27.50	788.00
			06/30/10	-	30.58	27.59	787.91
			08/23/11	-	31.33	28.34	787.16
			11/22/11	-	31.83	28.84	786.66
			02/22/12	-	31.71	28.72	786.78
			05/21/12	-	30.90	27.91	787.59
			09/11/12	-	33.00	30.01	785.49
			12/19/12	-	33.96	30.97	784.53
			03/21/13	-	32.19	29.20	786.30
			06/25/13	-	30.73	27.74	787.76
			09/26/13	-	31.76	28.77	786.73
			03/25/14	-	32.73	29.74	785.76
			09/24/14	-	31.88	28.89	786.61
			03/26/15	-	33.01	30.02	785.48
			09/22/15	-	32.52	29.53	785.97
			03/21/16	-	30.81	27.82	787.68
			03/27/18	-	31.75	28.76	786.74

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-12B continued			09/11/18	-	30.68	27.69	787.81
			03/27/19	-	30.68	27.69	787.81
			09/24/19	-	30.92	27.93	787.57
			03/11/20	-	30.76	27.77	787.73
			09/23/20	-	31.01	28.02	787.48
			03/23/21	-	30.88	27.89	787.61
			09/22/21	-	31.94	28.95	786.55
			03/28/22	-	31.00	28.01	787.49
			09/28/22	-	31.97	28.98	786.52
			03/30/23	-	30.72	27.73	787.77
			03/28/24	-	30.68	27.69	787.81
			10/01/24	-	31.52	28.53	786.97
			03/19/25	-	32.33	29.34	786.16
			09/24/25	-	31.04	28.05	787.45
MW-13S	793.11	795.26	08/23/11	14.85	7.42	5.27	787.84
			11/22/11	-	7.88	5.73	787.38
			02/22/12	-	7.76	5.61	787.50
			05/21/12	-	6.97	4.82	788.29
			09/11/12	-	9.07	6.92	786.19
			12/19/12	-	10.01	7.86	785.25
			03/20/13	-	8.26	6.11	787.00
			06/25/13	-	6.86	4.71	788.40
			09/26/13	-	7.83	5.68	787.43
			09/24/14	-	7.95	5.80	787.31
			03/26/15	-	9.06	6.91	786.20
			09/22/15	-	8.58	6.43	786.68
			03/21/16	-	6.89	4.74	788.37
			03/27/18	-	7.79	5.64	787.47
			09/11/18	-	6.76	4.61	788.50
			03/27/19	-	6.78	4.63	788.48
			09/24/19	-	8.88	6.73	786.38
			03/11/20	-	8.68	6.53	786.58
			09/23/20	-	7.04	4.89	788.22
			03/23/21	-	6.88	4.73	788.38
			09/22/21	-	8.06	5.91	787.20
			03/28/22	-	9.26	7.11	786.00
			09/28/22	-	8.21	6.06	787.05
			03/30/23	-	7.05	4.90	788.21
			03/28/24	-	6.79	4.64	788.47
			10/01/24	-	7.59	5.44	787.67
			03/19/25	-	8.62	6.47	786.64
			09/24/25	-	7.13	4.98	788.13
MW-13B	793.20	795.88	08/23/11	70.30	7.98	5.30	787.90
			11/22/11	-	8.42	5.74	787.46
			02/22/12	-	8.31	5.63	787.57
			05/21/12	-	7.51	4.83	788.37
			09/11/12	-	9.61	6.93	786.27
			12/19/12	-	10.59	7.91	785.29
			03/20/13	-	8.80	6.12	787.08
			06/25/13	-	7.41	4.73	788.47
			09/26/13	-	8.42	5.74	787.46
			03/25/14	-	9.35	6.67	786.53
			09/24/14	-	8.50	5.82	787.38
			03/26/15	-	9.61	6.93	786.27
			09/22/15	-	9.15	6.47	786.73
			03/21/16	-	7.45	4.77	788.43

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
MW-13B continued			03/27/18	-	8.36	5.68	787.52
			09/11/18	-	7.32	4.64	788.56
			03/27/19	-	7.32	4.64	788.56
			09/24/19	-	9.42	6.74	786.46
			03/11/20	-	7.35	4.67	788.53
			09/23/20	-	7.61	4.93	788.27
			03/23/21	-	7.39	4.71	788.49
			09/22/21	-	8.64	5.96	787.24
			03/28/22	-	9.81	7.13	786.07
			09/28/22	-	5.58	2.90	790.30
			03/30/23	-	7.54	4.86	788.34
			03/28/24	-	7.34	4.66	788.54
			10/01/24	-	8.15	5.47	787.73
			03/19/35	-	8.93	6.25	786.95
			09/24/25	-	7.86	5.18	788.02
2280 Edgewood Drive	821.74	822.43	08/22/02	161.60	61.57	60.88	760.86
			03/18/03	-	62.83	62.14	759.60
			09/19/03	-	63.25	62.56	759.18
			03/29/04	-	60.66	59.97	761.77
			09/21/04	-	60.95	60.26	761.48
			03/22/05	-	60.13	59.44	762.30
			09/26/05	-	63.28	62.59	759.15
			03/30/06	-	60.83	60.14	761.60
			09/27/06	-	61.93	61.24	760.50
			03/22/07	-	59.16	58.47	763.27
			09/19/07	-	59.72	59.03	762.71
			06/12/08	-	56.42	55.73	766.01
			12/03/08	-	60.50	59.81	761.93
			06/29/09	-	59.16	58.47	763.27
			06/30/10	-	58.88	58.19	763.55
			08/23/11	-	59.45	58.76	762.98
			02/22/12	-	59.21	58.52	763.22
			09/11/12	-	62.18	61.49	760.25
			03/20/13	-	59.94	59.25	762.49
			09/27/13	-	60.60	59.91	761.83
			03/25/14	-	60.65	59.96	761.78
			09/24/14	-	60.73	60.04	761.70
			03/26/15	-	61.02	60.33	761.41
			09/22/15	-	60.35	59.66	762.08
			03/27/18	-	60.20	59.51	762.23
			09/11/18	-	58.08	57.39	764.35
			03/27/19	-	57.57	56.88	764.86
			09/24/19	-	61.17	60.48	761.26
			03/11/20	-	59.88	59.19	762.55
			09/23/20	-	59.14	58.45	763.29
			03/23/21	-	59.29	58.60	763.14
			09/22/21	-	60.87	60.18	761.56
			03/28/22	-	61.02	60.33	761.41
			09/28/22	-	64.00	63.31	758.43
			04/05/23	-	57.45	56.76	764.98
			03/28/24	-	58.45	57.76	763.98
			10/01/24	-	60.32	59.63	762.11
			03/20/25	-	60.44	59.75	761.99
			09/24/25	-	59.64	58.95	762.79

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
2267 Edgewood Dr.	809.93	811.44	08/23/02	132.15	51.50	49.99	759.94
			03/18/03	-	53.35	51.84	758.09
			09/19/03	-	53.84	52.33	757.60
			03/29/04	-	51.06	49.55	760.38
			09/21/04	-	51.59	50.08	759.85
			03/22/05	-	51.27	49.76	760.17
			09/26/05	-	52.47	50.96	758.97
			03/30/06	-	49.89	48.38	761.55
			09/27/06	-	51.07	49.56	760.37
			03/22/07	-	48.14	46.63	763.30
			09/19/07	-	46.60	45.09	764.84
			12/03/08	-	49.72	48.21	761.72
			06/29/09	-	48.31	46.80	763.13
			06/30/10	-	48.00	46.49	763.44
			08/23/11	-	48.53	47.02	762.91
			02/22/12	-	48.31	46.80	763.13
			09/11/12	-	51.32	49.81	760.12
			03/20/13	-	48.94	47.43	762.50
			09/27/13	-	49.75	48.24	761.69
			03/25/14	-	49.69	48.18	761.75
			09/24/14	-	50.07	48.56	761.37
			03/26/15	-	50.16	48.65	761.28
			09/22/15	-	50.04	48.53	761.40
			03/27/18	-	49.23	47.72	762.21
			09/11/18	-	47.10	45.59	764.34
			03/27/19	-	46.58	45.07	764.86
			09/24/19	-	50.31	48.80	761.13
			03/11/20	-	47.08	45.57	764.36
			09/23/20	-	48.31	46.80	763.13
			03/23/21	-	48.41	46.90	763.03
			09/22/21	-	50.04	48.53	761.40
			03/28/22	-	51.00	49.49	760.44
			09/28/22	-	49.55	48.04	761.89
			04/05/23	-	46.41	44.90	765.03
			03/28/24	-	47.48	45.97	763.96
			10/01/24	-	49.46	47.95	761.98
			03/20/25	-	49.49	47.98	761.95
			09/24/25	-	48.87	47.36	762.57
2232 Edgewood Dr.	792.75	794.26	08/23/02	104.65	30.77	29.26	763.49
			03/18/03	-	32.50	30.99	761.76
			09/19/03	-	32.93	31.42	761.33
			03/29/04	-	29.95	28.44	764.31
			09/21/04	-	31.07	29.56	763.19
			03/22/05	-	30.12	28.61	764.14
			09/26/05	-	33.18	31.67	761.08
			03/30/06	-	30.43	28.92	763.83
			09/27/06	-	22.03	20.52	772.23
			03/22/07	-	29.20	27.69	765.06
			09/19/07	-	29.69	28.18	764.57
			06/12/08	-	27.51	26.00	766.75
			12/03/08	-	30.62	29.11	763.64
			06/29/09	-	29.74	28.23	764.52
			06/30/10	-	29.44	27.93	764.82
			08/23/11	-	30.21	28.70	764.05
			02/22/12	-	29.91	28.40	764.35
			09/11/12	-	32.43	30.92	761.83

Table 1 Groundwater Elevations, Denow Landfill, Grafton, Wisconsin

Well	Ground Elevation (ft amsl)	Riser Elevation (ft amsl)	Date	Depth to Bottom (feet below riser)	Depth to Water (feet below riser)	Depth to Water (feet below grade)	Groundwater Elevation (feet amsl)
2232 Edgewood Dr. continued			03/20/13	-	29.83	28.32	764.43
			09/27/13	-	31.09	29.58	763.17
			03/25/14	-	30.58	29.07	763.68
			09/24/14	-	31.08	29.57	763.18
			03/26/15	-	31.26	29.75	763.00
			09/22/15	-	31.30	29.79	762.96
			09/11/18	-	27.74	26.23	766.52
			09/24/19	-	31.81	30.30	762.45
			03/11/20	-	29.07	27.56	765.19
			09/23/20	-	29.97	28.46	764.29
			03/23/21	-	29.70	28.19	764.56
			09/22/21	-	31.17	29.66	763.09
			03/28/22	-	31.09	29.58	763.17
			09/28/22	-	30.60	29.09	763.66
			04/05/23	-	30.98	29.47	763.28
			03/28/24	-	29.12	27.61	765.14
			10/01/24	-	30.78	29.27	763.48
			03/20/25	-	30.67	29.16	763.59
			09/24/25	-	30.21	28.70	764.05
2224 Edgewood Dr.	778.85	780.82	08/23/02	82.35	17.41	15.44	763.41
			03/18/03	-	18.80	16.83	762.02
			09/19/03	-	19.20	17.23	761.62
			03/29/04	-	16.11	14.14	764.71
			09/21/04	-	17.35	15.38	763.47
			03/22/05	-	16.45	14.48	764.37
			09/26/05	-	19.31	17.34	761.51
			03/30/06	-	16.57	14.60	764.25
			09/27/06	-	18.14	16.17	762.68
			03/22/07	-	15.37	13.40	765.45
			09/19/07	-	15.88	13.91	764.94
			06/12/08	-	13.81	11.84	767.01
			12/03/08	-	16.85	14.88	763.97
			06/29/09	-	15.86	13.89	764.96
			06/30/10	-	15.57	13.60	765.25
			08/23/11	-	16.37	14.40	764.45
			09/11/12	-	18.51	16.54	762.31
			03/20/13	-	15.97	14.00	764.85
			09/27/13	-	17.12	15.15	763.70
			09/25/14	-	17.12	15.15	763.70
			03/26/15	-	17.02	15.05	763.80
			09/22/15	-	17.31	15.34	763.51
			09/11/18	-	14.76	12.79	766.06
			03/11/20	-	15.11	13.14	765.71
			09/23/20	-	15.94	13.97	764.88
			03/23/21	-	15.58	13.61	765.24
			03/28/22	-	16.99	15.02	763.83
			09/28/22	-	16.55	14.58	764.27
			04/05/23	-	14.40	12.43	766.42
			03/28/24	-	15.11	13.14	765.71
			10/01/24	-	16.75	14.78	764.07
			03/20/25	-	16.66	14.69	764.16
			09/24/25	-	16.16	14.19	764.66

Note: All elevations referenced to feet above mean sea level (feet amsl)

NA = not applicable

- = not measured

Table 2: Groundwater Field Measurements and Inorganic Laboratory Results, Denow Landfill, Grafton, Wisconsin

Well ID	Date	Field Measurement					Laboratory Analysis									
		Temperature	DO	Eh (ORP)	pH	Conductivity	Alkalinity	Chloride	Iron	Nitrate (as N)	Total Organic Compound (TOC)	Total Inorganic Compound (TIC)	Methane	Ethene	Ethane	Manganese
	(degrees C)	mg/l	mV	s.u.	(µS/cm)	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µg/l	µg/l	µg/l	mg/l
Wisconsin Department of Natural Resurces Preventive Action Limit						NR	125	0.15	2	NR	NR	NR	NR	NR	0.025	
Wisconsin Department of Natural Resources Enforcement Standard						NR	250	0.3	10	NR	NR	NR	NR	NR	0.05	
LANDFILL MONITORING WELLS																
MW-1S	03/18/03	10.0	-	-	7.8	480	230	<5.0	-	-	-	-	-	-	-	0.0026
	09/19/03	12.0	-	-	8.3	400	240	3.5 "J"	-	-	-	-	-	-	-	<0.001
	03/29/04	12.7	-	-	7.8	500	280	2.9 "J"	-	-	-	-	-	-	-	<0.001
	09/21/04	12.7	-	-	7.5	500	230	3.7 "J"	-	-	-	-	-	-	-	0.0013 "J"
	03/22/05	8.3	-	-	7.5	600	240	4.0 "J"	-	-	-	-	-	-	-	<0.001
	09/26/05	11.5	-	-	7.8	500	230	2.6 "J"	-	-	-	-	-	-	-	<0.001
	03/29/06	10.4	-	-	8.0	600	290	3.3 "J"	-	-	-	-	-	-	-	ND
	09/26/06	10.2	-	-	7.8	500	260	4.4 "J"	-	-	-	-	-	-	-	ND
	03/21/07	8.8	-	-	8.3	520	300	5.0	-	-	-	-	-	-	-	0.0052
	09/19/07	8.9	-	-	7.7	500	270	5.7	-	-	-	-	-	-	-	0.012
	06/11/08	10.1	-	-	7.4	582	300	5.8	-	-	-	-	-	-	-	<0.00096
	12/02/08	10.2	-	-	7.4	520	290	4.5 "J"	-	-	-	-	-	-	-	0.067
	06/29/09	9.1	-	-	6.8	624	310	5.9	-	-	-	-	-	-	-	0.041
	06/30/10	9.2	-	-	6.9	641	300	5.40 "J"	-	-	-	-	-	-	-	<0.0048
	08/23/11	11.1	9.03	199	7.6	500	-	-	-	-	-	-	-	-	-	-
	09/11/12	11.1	7.54	105	7.4	400	-	-	-	-	-	-	-	-	-	-
	09/26/13	11.3	-	-	7.7	616	-	-	-	-	-	-	-	-	-	-
	09/24/14	9.3	-	-	8.0	593	-	-	-	-	-	-	-	-	-	-
	09/22/15	10.1	7.32	87.2	7.6	689	-	-	-	-	-	-	-	-	-	-
MW-1D	03/18/03	10.0	-	-	7.8	710	280	41	-	-	-	-	-	-	-	0.011
	09/19/03	12.0	-	-	8.1	700	280	37	-	-	-	-	-	-	-	0.012
	03/29/04	12.6	-	-	7.6	1300	280	36	-	-	-	-	-	-	-	0.012
	09/21/04	11.6	-	-	7.7	700	290	49	-	-	-	-	-	-	-	0.013
	03/22/05	8.6	-	-	7.4	800	280	44	-	-	-	-	-	-	-	0.083
	09/26/05	10.4	-	-	8.0	700	280	43	-	-	-	-	-	-	-	0.012
	03/29/06	9.7	-	-	7.8	800	270	41	-	-	-	-	-	-	-	0.009
	09/26/06	9.9	-	-	7.7	800	290	48	-	-	-	-	-	-	-	0.011
	03/21/07	9.0	-	-	7.8	720	290	48	-	-	-	-	-	-	-	0.011
	09/19/07	9.0	-	-	7.8	760	290	46	-	-	-	-	-	-	-	0.0013 "J"
	06/11/08	11.4	-	-	7.7	714	370	47	-	-	-	-	-	-	-	0.0081
	12/02/08	10.3	-	-	7.9	672	270	44	-	-	-	-	-	-	-	<0.001
	06/29/09	10.0	-	-	6.4	791	270	47	-	-	-	-	-	-	-	0.0013 "J"
	06/30/10	10.3	-	-	7.3	855	290	54.6	-	-	-	-	-	-	-	0.0104 "J"
	08/23/11	13.7	6.27	177	7.8	600	-	-	-	-	-	-	-	-	-	-
	09/11/12	9.8	3.28	96	7.5	600	-	-	-	-	-	-	-	-	-	-
	09/25/13	10.3	-	-	8.0	760	-	-	-	-	-	-	-	-	-	-
	09/24/14	10.6	-	-	9.0	780	-	-	-	-	-	-	-	-	-	-
	09/22/15	10.3	4.52	77.0	7.9	893	-	-	-	-	-	-	-	-	-	-
MW-1B	03/18/03	10.0	-	-	7.4	1200	400	110	-	-	-	-	-	-	-	0.079
	09/19/03	12.0	-	-	7.5	1300	450	110	-	-	-	-	-	-	-	0.073
	03/29/04	12.7	-	-	7.9	700	420	100	-	-	-	-	-	-	-	0.079
	09/21/04	12.2	-	-	7.4	1100	380	210	-	-	-	-	-	-	-	0.067
	03/22/05	8.4	-	-	7.3	1300	420	130	-	-	-	-	-	-	-	0.081
	09/26/05	10.4	-	-	7.4	1400	420	150	-	-	-	-	-	-	-	0.080
	03/29/06	9.8	-	-	7.8	1400	430	130	-	-	-	-	-	-	-	0.084
	09/26/06	10.6	-	-	7.5	1400	420	150	-	-	-	-	-	-	-	0.077
	03/21/07	8.6	-	-	7.6	1330	390	140	-	-	-	-	-	-	-	0.093
	09/19/07	9.0	-	-	7.6	1340	370	160	-	-	-	-	-	-	-	0.073
	06/11/08	11.2	-	-	7.1	1356	500	160	-	-	-	-	-	-	-	0.064
	12/02/08	10.1	-	-	7.4	1010	370	120	-	-	-	-	-	-	-	0.061
	06/29/09	10.0	-	-	6.2	1189	420	100	-	-	-	-	-	-	-	0.046
	06/30/10	9.9	-	-	6.6	1281	360	91.8	-	-	-	-	-	-	-	0.066
	08/23/11	11.4	3.55	83	7.5	1000	-	-	-	-	-	-	-	-	-	-
	09/11/12	9.9	1.95	115	7.3	900	-	-	-	-	-	-	-	-	-	-
	09/25/13	10.4	-	-	7.4	1148	-	-	-	-	-	-	-	-	-	-
	09/24/14	10.2	-	-	7.7	1180	-	-	-	-	-	-	-	-	-	-
	09/22/15	11.1	4.59	87.3	7.7	1334	-	-	-	-	-	-	-	-	-	-
MW-2S	03/18/03	9.0	-	-	7.2	750	420	8.5	-	-	-	-	-	-	-	<0.002
	09/19/03	12.5	-	-	6.9	700	380	4.6 "J"	-	-	-	-	-	-	-	<0.002
	03/29/04	12.6	-	-	7.6	700	390	5.0 "J"	-	-	-	-	-	-	-	<0.001
	09/21/04	13.9	-	-	7.6	600	350	7.0	-	-	-	-	-	-	-	<0.001
	03/22/05	8.8	-	-	7.2	800	390	11	-	-	-	-	-	-	-	<0.001
	09/26/05	11.7	-	-	7.6	800	370	9.5	-	-	-	-	-	-	-	<0.001
	03/29/06	10.6	-	-	8.2	800	350	7.3	-	-	-	-	-	-	-	<0.001
	09/26/06	12.5	-	-	7.4	700	370	8.0	-	-	-	-	-	-	-	<0.001
	03/21/07	10.2	-	-	7.6	720	390	7.4	-	-	-	-	-	-	-	0.0034
	09/19/07	12.2	-	-	7.4	800	380	9.7	-	-	-	-	-	-	-	<0.001
	06/04/08	13.9	-	-	7.1	710	500	17	-	-	-	-	-	-	-	<0.00096
	12/02/08	11.3	-	-	7.4	689	340	16	-	-	-	-	-	-	-	0.001 "J"
	06/29/09	10.1	-	-	6.9	733	360	11	-	-	-	-	-	-	-	<0.001
	06/30/10	10.6	-	-	7.2	10.13	370	9.90 "J"	-	-	-	-	-	-	-	0.0118 "J"
	08/23/11	10.1	2.20	162	7.0	800	380	16	0.35	0.92	3.7	28	6.8	<3.7	<3.5	0.011
	09/12/12	12.5	3.43	93	7.1	800	400	13	0.012	1.2	1.8	120	<2.3	<3.7	<3.5	.0018 "J"
	09/25/13	12.8	-	-	7.3	817	-	-	-	-	-	-	-	-	-	-
	09/24/14	10.5	-	-	7.6	806	-	-	-	-	-	-	-	-	-	-
	09/22/15	13.8	3.92	57.2	7.3	964	460	8.7	0.023 "J"	1.2	40	47	5.24 "J"	<3.7	<3.5	0.0018 "J"
03/27/18	9.5	5.59	-44.3	7.6	508	-	-	-	-	-	-	-	-	-	-	
03/27/19	9.5	-	-	7.0	730	-	-	-	-	-	-	-	-	-	-	
09/22/21	10.9	8.58	-178.5	7.1	793	-	-	-	-	-	-	-	-	-	-	
03/28/22	8.2	4.58	107.1	6.9	829	-	-	-	-	-	-	-	-	-	-	
MW-2D	03/18/03	9.0	-	-	7.1	880	200	14	-	-	-	-	-	-	-	0.091
	09/19/03	13.5	-	-	7.1	900	440	12	-	-	-	-	-	-	-	0.023
	03/29/04	11.0	-	-	7.4	900	410	12	-	-	-	-	-	-	-	0.042
	09/21/04	12.4	-	-	7.4	800	420	18	-	-	-	-	-	-	-	0.029
	03/22/05	8.4	-	-	7.5	1000	440	17	-	-	-	-	-	-	-	0.045
	09/26/05	11.3	-	-	7.3	900	430	12	-	-	-	-	-	-	-	0.046
	03/29/06	10.6	-	-	7.8	900	450	11	-	-	-	-	-	-	-	0.046
	09/26/06	13.6	-	-	7.3	900	420	11	-	-	-	-	-	-	-	0.0053
	03/21/07	10.4	-	-	7.4	850	450	10	-	-	-	-	-	-	-	0.051
	09/19/07	12.7	-	-	7.4	900	460	14	-	-	-	-	-	-	-	0.053

Table 2: Groundwater Field Measurements and Inorganic Laboratory Results, Denow Landfill, Grafton, Wisconsin

Well ID	Date	Field Measurement					Laboratory Analysis									
		Temperature	DO	Eh (ORP)	pH	Conductivity	Alkalinity	Chloride	Iron	Nitrate (as N)	Total Organic Compound (TOC)	Total Inorganic Compound (TIC)	Methane	Ethene	Ethane	Manganese
	(degrees C)	mg/l	mV	s.u.	(µS/cm)	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µg/l	µg/l	µg/l	mg/l
Wisconsin Department of Natural Resources Preventive Action Limit						NR	125	0.15	2	NR	NR	NR	NR	NR	NR	0.025
Wisconsin Department of Natural Resources Enforcement Standard						NR	250	0.3	10	NR	NR	NR	NR	NR	NR	0.05
MW-2D continued	06/04/08	13.2	-	-	7.0	1010	600	27	-	-	-	-	-	-	-	0.056
	12/02/08	10.7	-	-	7.6	837	430	29	-	-	-	-	-	-	-	0.140
	06/29/09	10.6	-	-	6.4	975	430	32	-	-	-	-	-	-	-	0.100
	06/30/10	10.1	-	-	7.3	807	400	22.1	-	-	-	-	-	-	-	0.128
	08/24/11	12.9	2.96	184	7.2	900	420	24	0.26	0.025	4.0	57	<2.3	<3.7	<3.5	0.004
	11/22/11	9.9	7.03	115.5	6.7	1010	-	-	-	-	-	-	-	-	-	-
	02/22/12	10.4	0.83	115.5	6.5	1076	-	-	-	-	-	-	-	-	-	-
	05/21/12	12.4	1.85	190	7.1	800	-	-	-	-	-	-	-	-	-	-
	09/12/12	11.4	1.50	91	6.9	900	500	14	0.016	<0.025	3.3	140	<2.3	<3.7	<3.5	0.13
	12/19/12	10.34	1.50	93	6.9	922	-	-	-	-	-	-	-	-	-	-
	03/21/13	10.0	1.28	59.8	7.0	929	-	-	-	-	-	-	-	-	-	-
	06/25/13	11.2	1.32	48.5	7.0	609	-	-	-	-	-	-	-	-	-	-
	09/26/13	11.7	-	-	7.2	982	-	-	-	-	-	-	-	-	-	-
	09/24/14	10.4	-	-	7.3	958	-	-	-	-	-	-	-	-	-	-
	09/22/15	11.7	3.63	82.4	7.4	1048	470	14	<0.018	0.46	3.4	120	2.5 "J"	<3.7	<3.5	0.0015 "J"
	03/27/18	10.1	1.88	-19.1	7.2	587	-	-	-	-	-	-	-	-	-	-
	03/27/19	10.0	-	-	7.0	937	-	-	-	-	-	-	-	-	-	-
09/22/21	10.6	-	-	18.0	7.1	924	-	-	-	-	-	-	-	-	-	
03/28/22	9.7	2.92	90.6	6.9	935	-	-	-	-	-	-	-	-	-	-	
MW-3S	03/18/03	8.0	-	-	7.4	690	340	13	-	-	-	-	-	-	-	0.190
	09/19/03	15.0	-	-	7.1	800	370	17	-	-	-	-	-	-	-	0.18
	03/29/04	9.4	-	-	7.7	700	360	6.8	-	-	-	-	-	-	-	<0.001
	09/21/04	15.3	-	-	7.3	900	430	34	-	-	-	-	-	-	-	0.290
	03/22/05	4.8	-	-	7.3	1100	420	31	-	-	-	-	-	-	-	0.230
	09/26/05	14.6	-	-	7.8	800	380	23	-	-	-	-	-	-	-	0.220
	03/29/06	6.8	-	-	8.2	800	460	12	-	-	-	-	-	-	-	0.014
	09/26/06	14.2	-	-	7.4	800	400	8.0	-	-	-	-	-	-	-	0.014
	03/21/07	6.4	-	-	7.0	740	420	11	-	-	-	-	-	-	-	0.130
	09/19/07	9.6	-	-	7.4	900	430	36	-	-	-	-	-	-	-	0.180
	06/03/08	13.5	-	-	7.1	918	540	30	-	-	-	-	-	-	-	0.390
	12/02/08	10.6	-	-	6.4	825	440	19	-	-	-	-	-	-	-	0.650
	06/29/09	10.6	-	-	6.4	975	480	25	-	-	-	-	-	-	-	0.43
	06/29/09	-	-	-	-	-	240	81	-	-	-	-	-	-	-	0.052
	06/30/10	11.8	-	-	7.2	987	410	25.2	-	-	-	-	-	-	-	0.496
	08/24/11	16.0	2.20	40	7.1	800	380	21	0.7	0.025	23	25	510	<3.7	<3.5	0.520
	09/12/12	14.5	2.70	-10	7.2	700	360	8.8	0.19	<0.025	13	96	29	<3.7	<3.5	0.350
	09/26/13	14.2	-	-	7.2	921	-	-	-	-	-	-	-	-	-	-
	09/24/14	14.0	-	-	7.6	910	-	-	-	-	-	-	-	-	-	-
	09/22/15	15.9	3.26	-2.0	7.4	943	380	23	0.14	0.33	24	99	33.2	<3.7	<3.5	0.370
	03/27/18	4.8	2.26	-60.9	7.9	0.338	-	-	-	-	-	-	-	-	-	-
	09/11/18	21.2	0.58	-26.0	8.0	571	-	-	-	-	-	-	-	-	-	-
	03/27/19	3.7	-	-	7.3	550	-	-	-	-	-	-	-	-	-	-
	09/25/19	16.3	3.49	-80.5	7.2	724	-	-	-	-	-	-	-	-	-	-
	03/11/20	4.4	9.58	-49.4	7.3	626	-	-	-	-	-	-	-	-	-	-
	09/23/20	16.4	2.78	-52.5	7.0	565	-	-	-	-	-	-	-	-	-	-
	03/23/21	5.7	6.74	100.0	7.4	750.6	-	-	-	-	-	-	-	-	-	-
	09/22/21	14.9	-	-	7.2	764	-	-	-	-	-	-	-	-	-	-
	03/28/22	4.5	5.47	45.4	7.1	917	-	-	-	-	-	-	-	-	-	-
	09/28/22	15.3	3.80	-40.2	7.3	960	-	-	-	-	-	-	-	-	-	-
	03/30/23	8.0	3.38	18.7	7.3	645	-	-	-	-	-	-	-	-	-	-
	03/28/24	8.9	2.93	39.1	7.2	660.1	-	-	-	-	-	-	-	-	-	-
	10/02/24	16.1	1.64	-94.6	7.2	780	-	-	-	-	-	-	-	-	-	-
	03/19/25	5.4	2.91	-73.7	7.5	868	-	-	-	-	-	-	-	-	-	-
	09/25/25	20.7	2.69	4.2	7.3	822	-	-	-	-	-	-	-	-	-	-
MW-3D	03/18/03	8.0	-	-	7.3	1200	500	81	-	-	-	-	-	-	-	0.088
	09/19/03	12.0	-	-	7.2	1300	480	74	-	-	-	-	-	-	-	0.052
	03/29/04	11.4	-	-	7.4	1300	440	75	-	-	-	-	-	-	-	0.066
	09/21/04	10.2	-	-	7.4	1300	470	76	-	-	-	-	-	-	-	0.052
	03/22/05	5.4	-	-	7.4	1400	510	77	-	-	-	-	-	-	-	0.053
	09/26/05	10.6	-	-	7.5	1300	510	76	-	-	-	-	-	-	-	0.053
	03/29/06	9.7	-	-	7.8	1200	460	71	-	-	-	-	-	-	-	0.049
	09/01/06	10.1	-	-	7.3	1200	480	69	-	-	-	-	-	-	-	0.048
	03/21/07	9.8	-	-	7.4	1150	490	61	-	-	-	-	-	-	-	0.059
	09/19/07	10.1	-	-	7.4	800	530	66	-	-	-	-	-	-	-	0.056
	06/03/08	12.8	-	-	7.1	1306	640	76	-	-	-	-	-	-	-	0.052
	12/02/08	11.9	-	-	7.2	1127	480	71	-	-	-	-	-	-	-	0.041
	06/29/09	10.3	-	-	6.8	1398	510	81	-	-	-	-	-	-	-	0.052
	06/30/10	12.3	-	-	7.5	1381	460	69.4	-	-	-	-	-	-	-	0.0068
	08/24/11	10.8	4.56	131	7.2	1200	480	68	0.62	0.12	4.9	34	<2.3	<3.7	<3.5	0.018
	11/22/11	8.9	1.11	-29	6.6	1372	-	-	-	-	-	-	-	-	-	-
	02/22/12	9.4	0.87	-17.9	6.6	1360	-	-	-	-	-	-	-	-	-	-
	05/21/12	11.3	2.93	-10	7.2	1080	-	-	-	-	-	-	-	-	-	-
	09/12/12	10.9	0.88	-30	7.2	1000	500	51	0.20	0.038 "J"	4.4	140	<2.3	<3.7	<3.5	0.044
	12/19/12	9.86	3.28	-48.7	7.3	1181	-	-	-	-	-	-	-	-	-	-
	03/21/13	9.3	1.79	-73.3	7.3	1186	-	-	-	-	-	-	-	-	-	-
	06/25/13	10.4	1.54	-66.7	7.2	774	-	-	-	-	-	-	-	-	-	-
	09/26/13	11.3	-	-	7.3	1251	-	-	-	-	-	-	-	-	-	-
	09/25/14	10.0	-	-	7.6	1210	-	-	-	-	-	-	-	-	-	-
	09/22/15	14.0	2.80	44.3	7.6	1329	610	42	<0.018	0.16	5.2	130	<2.3	<3.7	<3.5	0.0017 "J"
	03/27/18	7.8	5.23	-57.4	7.7	669	-	-	-	-	-	-	-	-	-	-
	09/11/18	11.0	1.40	-74.4	8.0	820	-	-	-	-	-	-	-	-	-	-
	03/27/19	10.3	-	-	7.0	1155	-	-	-	-	-	-	-	-	-	-
	09/25/19	11.9	0.69	-101.1	6.9	1122	-	-	-	-	-	-	-	-	-	-
	03/11/20	9.7	2.20	-71.6	7.0	1085	-	-	-	-	-	-	-	-	-	-
	09/23/20	11.3	3.76	-56.5	7.0	791	-	-	-	-	-	-	-	-	-	-
	03/23/21	9.4	1.75	46.8	7.2	1221	-	-	-	-	-	-	-	-	-	-
	09/22/21	10.2	-	-	7.2	1197	-	-	-	-	-	-	-	-	-	-
	03/28/22	8.9	0.78	-8.9	6.9	1193	-	-	-	-	-	-	-	-	-	-
	09/28/22	10.3	0.65	-72.0	7.2	1360	-	-	-	-	-	-	-	-	-	-
03/30/23	8.2	3.35	-21.9	7.1	1147	-	-	-	-	-	-	-	-	-	-	
03/28/24	9.8	0.56	26.4	7.0	1125	-	-	-	-	-	-	-	-	-	-	
10/02/24	10.8	1.21	-68.3	7.1	1206	-	-	-	-	-	-	-	-	-	-	
03/19/25	8.0	2.68	-43.2	7.2	1150	-	-	-	-	-	-	-	-	-	-	
09/25/25	19.1	3.57	159.3	7.4	1225	-	-	-	-	-	-	-	-	-	-	
MW-3B1	06/04/08	11.1	-	-	7.4	787	340	49	-	-	-	-	-	-	-	0.1

Table 2: Groundwater Field Measurements and Inorganic Laboratory Results, Denow Landfill, Grafton, Wisconsin

Well ID	Date	Field Measurement					Laboratory Analysis									
		Temperature	DO	EH (ORP)	pH	Conductivity	Alkalinity	Chloride	Iron	Nitrate (as N)	Total Organic Compound (TOC)	Total Inorganic Compound (TIC)	Methane	Ethene	Ethane	Manganese
	(degrees C)	mg/l	mV	s.u.	(µS/cm)	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µg/l	µg/l	µg/l	mg/l
Wisconsin Department of Natural Resources Preventive Action Limit						NR	125	0.15	2	NR	NR	NR	NR	NR	0.025	
Wisconsin Department of Natural Resources Enforcement Standard						NR	250	0.3	10	NR	NR	NR	NR	NR	0.05	
MW-3B1 continued	12/04/08	-	-	-	-	260	51	-	-	-	-	-	-	-	-	0.130
	06/29/09	8.9	-	-	6.7	300	58	-	-	-	-	-	-	-	-	0.140
	06/30/10	10.3	-	-	7.1	1080	310	66.7	-	-	-	-	-	-	-	0.279
	08/24/11	10.2	2.95	5	7.2	1000	340	65	0.83	0.025	4	24	48	28	<3.5	0.150
	11/22/11	8.9	1.76	25.2	6.6	1119	-	-	-	-	-	-	-	-	-	-
	02/22/12	9.5	5.55	20.6	6.7	1126	-	-	-	-	-	-	-	-	-	-
	05/21/12	12.0	3.17	70	7.2	700	-	-	-	-	-	-	-	-	-	-
	09/12/12	11.0	1.54	-44	7.4	700	360	68	0.48	<0.025	3.4	89	11	8.7 "J"	<3.5	0.110
	12/19/12	9.87	1.35	-28.6	7.4	1004	-	-	-	-	-	-	-	-	-	-
	03/21/13	9.1	5.41	1.5	7.6	1020	-	-	-	-	-	-	-	-	-	-
	06/25/13	12.1	1.50	-45.7	7.4	676	-	-	-	-	-	-	-	-	-	-
	09/26/13	11.2	-	-	7.4	1081	-	-	-	-	-	-	-	-	-	-
	09/25/14	10.6	-	-	7.6	1025	-	-	-	-	-	-	-	-	-	-
	09/22/15	11.7	1.41	-82.5	7.7	1214	360	61	<0.018	0.039 "J"	4	87	26.2	25.8	<3.5	0.093
	03/27/18	9.4	0.25	-58.8	7.5	631	-	-	-	-	-	-	-	-	-	-
	09/11/18	11.1	1.51	-26.3	7.9	578	-	-	-	-	-	-	-	-	-	-
	03/27/19	10.7	-	-	7.4	984	-	-	-	-	-	-	-	-	-	-
	09/25/19	12.6	1.66	-83.7	7.2	981	-	-	-	-	-	-	-	-	-	-
	03/11/20	10.3	3.84	-57.7	7.3	947	-	-	-	-	-	-	-	-	-	-
	09/23/20	10.9	4.87	-37.8	7.1	693	-	-	-	-	-	-	-	-	-	-
	03/23/21	9.8	5.62	54.3	7.5	1095	-	-	-	-	-	-	-	-	-	-
	09/22/21	10.3	-	-33.2	7.3	1085	-	-	-	-	-	-	-	-	-	-
	03/28/22	8.6	1.01	-2.8	7.0	929	-	-	-	-	-	-	-	-	-	-
	09/28/22	10.4	1.11	-79.9	7.6	1110	-	-	-	-	-	-	-	-	-	-
	03/30/23	9.4	3.54	-34.9	7.4	844	-	-	-	-	-	-	-	-	-	-
03/28/24	9.8	0.67	-8.9	7.3	859	-	-	-	-	-	-	-	-	-	-	
10/02/24	15.5	0.50	-97.9	7.3	919	-	-	-	-	-	-	-	-	-	-	
03/19/25	8.7	1.98	-82.7	7.3	1169	-	-	-	-	-	-	-	-	-	-	
09/25/25	15.3	3.72	11.5	7.6	1019	-	-	-	-	-	-	-	-	-	-	
MW-3B2	06/04/08	10.5	-	-	7.5	601	310	19	-	-	-	-	-	-	-	0.11
	12/04/08	9.1	-	-	7.6	1076	440	48	-	-	-	-	-	-	-	0.037
	06/29/09	8.4	-	-	7.2	861	360	27	-	-	-	-	-	-	-	0.140
	06/30/10	10.3	-	-	6.9	1138	440	42.0	-	-	-	-	-	-	-	0.0685
	08/24/11	7.2	2.54	-12	10.8	1100	-	-	-	-	-	-	-	-	-	-
	11/22/11	9.2	2.04	13.8	6.6	957	-	-	-	-	-	-	-	-	-	-
	02/22/12	9.4	1.85	-11.3	6.6	1200	-	-	-	-	-	-	-	-	-	-
	05/21/12	11.2	1.70	-48	7.2	600	-	-	-	-	-	-	-	-	-	-
	09/12/12	10.9	1.75	-22	7.3	700	-	-	-	-	-	-	-	-	-	-
	12/19/12	9.11	1.79	-65.8	7.3	921	-	-	-	-	-	-	-	-	-	-
	03/21/13	9.7	1.10	-80.3	7.3	1120	-	-	-	-	-	-	-	-	-	-
	06/25/13	10.7	3.58	-90.3	7.4	456	-	-	-	-	-	-	-	-	-	-
	09/26/13	11.4	-	-	7.4	755	-	-	-	-	-	-	-	-	-	-
	09/25/14	10.2	-	-	7.8	712	-	-	-	-	-	-	-	-	-	-
	09/22/15	12.0	2.17	-13.4	7.9	814	-	-	-	-	-	-	-	-	-	-
	03/27/18	9.6	0.90	-64.0	7.7	504	-	-	-	-	-	-	-	-	-	-
	09/11/18	10.9	0.57	-73.8	7.9	578	-	-	-	-	-	-	-	-	-	-
	03/27/19	10.9	-	-	7.2	927	-	-	-	-	-	-	-	-	-	-
	09/25/19	11.8	0.79	-94.0	7.0	895	-	-	-	-	-	-	-	-	-	-
	03/11/20	9.3	5.12	-85.0	7.4	683	-	-	-	-	-	-	-	-	-	-
	09/23/20	11.6	3.53	-57.3	7.1	608	-	-	-	-	-	-	-	-	-	-
	03/23/21	9.4	4.56	42.5	7.4	978	-	-	-	-	-	-	-	-	-	-
	09/22/21	10.0	-	-62.2	7.3	896	-	-	-	-	-	-	-	-	-	-
	03/28/22	8.9	0.78	2.8	7.1	1105	-	-	-	-	-	-	-	-	-	-
	09/28/22	10.7	1.17	-36.6	7.4	1270	-	-	-	-	-	-	-	-	-	-
03/30/23	9.5	3.70	12.0	7.3	1072	-	-	-	-	-	-	-	-	-	-	
03/28/24	10.2	1.59	82.4	7.3	1057	-	-	-	-	-	-	-	-	-	-	
10/02/24	13.6	1.42	-63.2	7.3	1134	-	-	-	-	-	-	-	-	-	-	
03/19/25	7.9	3.03	-67.1	7.5	1098	-	-	-	-	-	-	-	-	-	-	
09/25/25	14.6	2.01	9.9	7.6	1152	-	-	-	-	-	-	-	-	-	-	
MW-4S	06/03/08	13.2	-	-	6.9	1097	770	39	-	-	-	-	-	-	-	0.050
	08/23/11	13.1	3.07	62	6.9	900	-	-	-	-	-	-	-	-	-	-
	09/11/12	15.7	4.42	86	7.2	800	-	-	-	-	-	-	-	-	-	-
	09/26/13	13.9	-	-	6.8	1060	-	-	-	-	-	-	-	-	-	-
	09/25/14	14.3	-	-	7.4	1048	-	-	-	-	-	-	-	-	-	-
	09/22/15	14.3	1.93	20.3	7.4	1012	-	-	-	-	-	-	-	-	-	-
MW-4D	06/03/08	11.8	-	-	7.0	1155	670	49	-	-	-	-	-	-	-	0.059
	08/23/11	10.8	2.49	41	7.0	1100	-	-	-	-	-	-	-	-	-	-
	02/22/12	8.6	2.03	11.5	6.6	1248	-	-	-	-	-	-	-	-	-	-
	09/11/12	13.1	3.22	118	7.2	800	-	-	-	-	-	-	-	-	-	-
	03/21/13	10.0	2.73	20.8	7.2	1087	-	-	-	-	-	-	-	-	-	-
	09/26/13	10.7	-	-	7.1	1144	-	-	-	-	-	-	-	-	-	-
03/25/14	9.0	-	-	7.6	1104	-	-	-	-	-	-	-	-	-	-	
MW-5S	06/11/08	15.3	-	-	7.3	487	420	2.8	-	-	-	-	-	-	-	0.096
	08/23/11	15.9	3.73	11	7.1	800	-	-	-	-	-	-	-	-	-	-
	09/22/15	14.0	2.92	25.5	7.5	801	-	-	-	-	-	-	-	-	-	-
MW-5D	03/18/03	10.0	-	-	8.0	570	240	10	-	-	-	-	-	-	-	0.028
	09/19/03	14.0	-	-	6.9	600	220	11	-	-	-	-	-	-	-	0.021
	03/29/04	13.4	-	-	8.2	500	220	10	-	-	-	-	-	-	-	0.031
	09/21/04	13.5	-	-	8.0	500	230	11	-	-	-	-	-	-	-	0.021
	03/22/05	8.0	-	-	7.8	1000	390	12	-	-	-	-	-	-	-	0.023
	09/26/05	10.6	-	-	7.9	700	300	6.1	-	-	-	-	-	-	-	0.0054
	03/29/06	9.8	-	-	8.2	800	300	6.1	-	-	-	-	-	-	-	1.0054
	09/26/06	12.1	-	-	7.9	700	310	7.1	-	-	-	-	-	-	-	ND
	03/21/07	8.8	-	-	7.9	680	350	6.1	-	-	-	-	-	-	-	0.012
	09/19/07	9.1	-	-	7.5	800	460	15	-	-	-	-	-	-	-	0.022
	06/10/08	13.9	-	-	6.8	1115	640	19	-	-	-	-	-	-	-	0.020
	12/02/08	10.4	-	-	8.2	729	360	12	-	-	-	-	-	-	-	0.0047
	06/29/09	10.7	-	-	6.6	1179	480	19	-	-	-	-	-	-	-	0.027
	06/30/10	12.7	-	-	7.2	1291	530	14.8	-	-	-	-	-	-	-	<0.0048
	08/23/11	10.4	5.49	120	7.2	1100	-	-	-	-	-	-	-	-	-	-
	09/11/12	11.0	6.35	98	7.4	600	-	-	-	-	-	-	-	-	-	-
	09/26/13	11.6	-	-	7.6	1030	-	-	-	-	-	-	-	-	-	-
	09/24/14	10.7	-	-	8.1	618	-	-	-	-	-	-	-	-	-	-
	09/22/15	10.5	3.70	58.7	7.8	901	-	-	-	-	-	-	-	-	-	-

Table 2: Groundwater Field Measurements and Inorganic Laboratory Results, Denow Landfill, Grafton, Wisconsin

Well ID	Date	Field Measurement					Laboratory Analysis									
		Temperature	DO	Eh (ORP)	pH	Conductivity	Alkalinity	Chloride	Iron	Nitrate (as N)	Total Organic Compound (TOC)	Total Inorganic Compound (TIC)	Methane	Ethene	Ethane	Manganese
	(degrees C)	mg/l	mV	s.u.	(µS/cm)	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µg/l	µg/l	µg/l	mg/l
Wisconsin Department of Natural Resurces Preventive Action Limit						NR	125	0.15	2	NR	NR	NR	NR	NR	0.025	
Wisconsin Department of Natural Resources Enforcement Standard						NR	250	0.3	10	NR	NR	NR	NR	NR	0.05	
MW-6S	06/10/08	14.0	-	-	7.5	430	260	4.6	-	-	-	-	-	-	-	0.013
	08/23/11	20.6	7.94	35	7.8	300	-	-	-	-	-	-	-	-	-	-
	09/22/15	15.5	1.88	5.7	8.2	406	-	-	-	-	-	-	-	-	-	-
MW-6D	03/18/03	10.0	-	-	7.5	630	310	16	-	-	-	-	-	-	-	0.032
	09/19/03	12.0	-	-	7.2	600	290	15	-	-	-	-	-	-	-	0.028
	03/29/04	14.2	-	-	7.8	900	290	16	-	-	-	-	-	-	-	0.03
	09/21/04	18.0	-	-	7.6	600	300	16	-	-	-	-	-	-	-	0.025
	03/22/05	8.5	-	-	7.5	700	290	19	-	-	-	-	-	-	-	0.031
	09/26/05	11.7	-	-	7.8	600	290	16	-	-	-	-	-	-	-	0.030
	03/29/06	11.2	-	-	8.0	700	300	17	-	-	-	-	-	-	-	0.030
	09/26/06	11.2	-	-	7.6	600	280	15	-	-	-	-	-	-	-	ND
	03/21/07	11.2	-	-	7.6	620	300	17	-	-	-	-	-	-	-	0.037
	09/19/07	8.9	-	-	7.7	500	280	15	-	-	-	-	-	-	-	0.032
	06/10/08	12.6	-	-	7.2	643	-	15	-	-	-	-	-	-	-	-
	12/02/08	17.3	-	-	8.4	321	190	4.9 "J"	-	-	-	-	-	-	-	<0.001
	06/29/09	12.1	-	-	7.3	733	250	12	-	-	-	-	-	-	-	0.013
	06/30/10	12.1	-	-	7.1	620	220	7.00 "J"	-	-	-	-	-	-	-	0.0173
	08/23/11	12.7	2.25	21	7.4	600	310	19	0.97	0.028	2.8	221	3.8	<3.7	<3.5	0.081
	02/22/12	10.4	0.70	-23.6	6.9	716	-	-	-	-	-	-	-	-	-	-
	09/11/12	12.6	1.20	-1.0	7.5	600	220	7.9	0.13	0.054 "J"	1.1	53	<2.3	<3.7	<3.5	0.013
	12/19/12	11.22	2.30	-64	7.4	623	-	-	-	-	-	-	-	-	-	-
	03/20/13	10.1	1.96	-61.6	7.5	640	-	-	-	-	-	-	-	-	-	-
	06/25/13	12.3	7.74	-34.1	7.4	611	-	-	-	-	-	-	-	-	-	-
	09/26/13	12.3	-	-	7.9	660	-	-	-	-	-	-	-	-	-	-
	03/25/14	9.6	-	-	8.2	645	-	-	-	-	-	-	-	-	-	-
	09/24/14	11.2	-	-	8.1	654	-	-	-	-	-	-	-	-	-	-
	09/22/15	12.4	3.26	-37.8	8.0	725	300.00	16.00	<0.018	0.16	3.10	74	37.2	<3.7	<3.5	0.032
	03/27/18	11.5	1.00	-64.8	7.9	436	-	-	-	-	-	-	-	-	-	-
	09/11/18	12.8	2.20	-88.8	8.3	461	-	-	-	-	-	-	-	-	-	-
	03/27/19	10.8	-	-	7.3	604	-	-	-	-	-	-	-	-	-	-
	09/24/19	12.5	1.07	-84.6	7.3	599	-	-	-	-	-	-	-	-	-	-
	03/11/20	10.8	2.98	-64.2	7.3	590	-	-	-	-	-	-	-	-	-	-
	09/23/20	13.3	5.65	-32.6	7.2	437	-	-	-	-	-	-	-	-	-	-
	03/23/21	11.2	4.51	84.0	7.3	671.1	-	-	-	-	-	-	-	-	-	-
	09/22/21	11.3	-	-47.7	7.4	658.6	-	-	-	-	-	-	-	-	-	-
	03/28/22	10.4	1.71	11.3	7.0	656.7	-	-	-	-	-	-	-	-	-	-
	09/28/22	10.8	1.68	-62.5	7.3	830	-	-	-	-	-	-	-	-	-	-
	03/30/23	10.8	3.06	-24.1	7.3	650	-	-	-	-	-	-	-	-	-	-
	03/28/24	10.6	5.75	210.1	7.6	545	-	-	-	-	-	-	-	-	-	-
	10/01/24	16.3	6.39	82.7	7.6	525.1	-	-	-	-	-	-	-	-	-	-
MW-6B	03/18/03	10.0	-	-	7.5	730	330	26	-	-	-	-	-	-	-	0.034
	09/19/03	12.0	-	-	7.7	700	330	25	-	-	-	-	-	-	-	0.06
	03/29/04	13.7	-	-	7.5	800	350	28	-	-	-	-	-	-	-	0.073
	09/21/04	16.6	-	-	7.4	700	330	23	-	-	-	-	-	-	-	0.094
	03/22/05	8.4	-	-	7.5	800	330	29	-	-	-	-	-	-	-	0.035
	09/26/05	10.7	-	-	7.7	700	330	24	-	-	-	-	-	-	-	0.032
	03/29/06	11.0	-	-	8.0	800	360	29	-	-	-	-	-	-	-	0.038
	09/26/06	10.9	-	-	7.6	800	330	26	-	-	-	-	-	-	-	0.028
	03/21/07	10.3	-	-	7.7	760	340	28	-	-	-	-	-	-	-	0.035
	09/19/07	8.8	-	-	7.6	600	320	21	-	-	-	-	-	-	-	0.021
	06/10/08	11.8	-	-	7.0	733	390	33	-	-	-	-	-	-	-	0.024
	12/02/08	16.3	-	-	7.6	627	310	19	-	-	-	-	-	-	-	<0.001
	06/29/09	11.8	-	-	7.3	476	320	24	-	-	-	-	-	-	-	0.05
	06/30/10	11.2	-	-	7.1	846	310	19.5	-	-	-	-	-	-	-	0.0049 "J"
	08/23/11	21.2	7.64	140	7.6	700	320	22	0.69	0.086	3.4	9.3	<2.3	<3.7	<3.5	0.013
	02/22/12	10.8	2.09	-1.7	7.0	921	-	-	-	-	-	-	-	-	-	-
	09/11/12	11.8	1.15	-11	7.0	800	310	22	0.085	0.026 "J"	2.2	13	<2.3	<3.7	<3.5	0.0068
	12/19/12	14.00	2.44	-22.2	7.4	684	-	-	-	-	-	-	-	-	-	-
	03/20/13	10.1	1.46	-70.5	7.3	810	-	-	-	-	-	-	-	-	-	-
	06/25/13	11.5	1.82	-63	7.1	760	-	-	-	-	-	-	-	-	-	-
	09/26/13	11.8	-	-	7.6	795	-	-	-	-	-	-	-	-	-	-
	03/25/14	10.5	-	-	8.0	754	-	-	-	-	-	-	-	-	-	-
	09/24/14	11.1	-	-	7.8	795	-	-	-	-	-	-	-	-	-	-
	09/22/15	12.1	3.68	-49.10	7.7	919	350.00	30.00	<0.018	0.047 "J"	7.30	80.00	17.1	<3.7	<3.5	0.028
	03/27/18	11.1	1.70	-61.70	7.6	530	-	-	-	-	-	-	-	-	-	-
	09/11/18	12.7	1.31	-78.20	8.0	562	-	-	-	-	-	-	-	-	-	-
	03/27/19	10.6	-	-	7.3	776	-	-	-	-	-	-	-	-	-	-
	09/24/19	13.1	2.92	-91.1	7.3	744	-	-	-	-	-	-	-	-	-	-
	03/11/20	10.6	4.09	-65.80	7.3	687	-	-	-	-	-	-	-	-	-	-
	09/23/20	12.3	4.44	10.50	7.2	489	-	-	-	-	-	-	-	-	-	-
03/23/21	11.0	1.11	40.20	7.3	836	-	-	-	-	-	-	-	-	-	-	
09/22/21	11.0	-	-54.10	7.3	818	-	-	-	-	-	-	-	-	-	-	
03/28/22	10.3	0.51	-0.20	6.9	848	-	-	-	-	-	-	-	-	-	-	
09/28/22	10.9	1.10	-61.50	7.3	1000	-	-	-	-	-	-	-	-	-	-	
03/30/23	10.6	3.03	-11.40	7.3	740	-	-	-	-	-	-	-	-	-	-	
03/28/24	10.7	0.94	82.90	7.1	790	-	-	-	-	-	-	-	-	-	-	
10/01/24	10.9	1.41	-16.90	7.2	800	-	-	-	-	-	-	-	-	-	-	
03/19/25	10.9	1.33	-13.10	7.3	827	-	-	-	-	-	-	-	-	-	-	
09/24/25	17.0	3.78	179.40	7.4	835	-	-	-	-	-	-	-	-	-	-	
MW-7S	07/17/08	14.8	-	-	7.8	505	330	2.4"J"	-	-	-	-	-	-	-	<0.00096
	09/22/15	12.7	3.98	64.7	7.2	1125	-	-	-	-	-	-	-	-	-	-
MW-7D	07/17/08	15.2	-	-	8.1	691	400	23	-	-	-	-	-	-	-	0.036
	08/23/11	10.6	3.32	184	7.9	600	-	-	-	-	-	-	-	-	-	-
	09/26/13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	09/22/15	13.3	3.73	65.9	7.5	725	-	-	-	-	-	-	-	-	-	-
MW-8S	03/18/03	9.0	-	-	7.3	730	390	8.2	-	-	-	-	-	-	-	0.0054
	09/19/03	12.5	-	-	7.4	800	400	9.1	-	-	-	-	-	-	-	0.0045
	03/29/04	11.6	-	-	7.2	900	400	8	-	-	-	-	-	-	-	0.0013 "J"
	09/21/04	11.0	-	-	7.2	800	400	11	-	-	-	-	-	-	-	0.0086
	03/22/05	7.3	-	-	7.3	1000	430	7.8	-	-	-	-	-	-	-	<0.001
	09/26/05	10.5	-	-	7.5	800	400	7.2	-	-	-	-	-	-	-	<0.001
	03/29/06	9.8	-	-	7.8	700	390	6.6								

Table 2: Groundwater Field Measurements and Inorganic Laboratory Results, Denow Landfill, Grafton, Wisconsin

Well ID	Date	Field Measurement					Laboratory Analysis									
		Temperature	DO	Eh (ORP)	pH	Conductivity	Alkalinity	Chloride	Iron	Nitrate (as N)	Total Organic Compound (TOC)	Total Inorganic Compound (TIC)	Methane	Ethene	Ethane	Manganese
	(degrees C)	mg/l	mV	s.u.	(µS/cm)	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µg/l	µg/l	µg/l	mg/l
Wisconsin Department of Natural Resources Preventive Action Limit						NR	125	0.15	2	NR	NR	NR	NR	NR	0.025	
Wisconsin Department of Natural Resources Enforcement Standard						NR	250	0.3	10	NR	NR	NR	NR	NR	0.05	
MW-8S continued	09/26/06	11.3	-	-	7.2	800	430	6.4	-	-	-	-	-	-	-	ND
	03/21/07	10.2	-	-	7.6	760	470	5.7	-	-	-	-	-	-	-	ND
	09/19/07	10.0	-	-	7.5	700	430	7.7	-	-	-	-	-	-	-	0.017
	06/11/08	10.1	-	-	7.0	827	500	11	-	-	-	-	-	-	-	<0.00096
	12/02/08	10.1	-	-	6.8	713	390	16	-	-	-	-	-	-	-	0.0094
	06/29/09	9.3	-	-	6.6	824	400	16	-	-	-	-	-	-	-	0.012
	06/30/10	9.2	-	-	6.9	814	370	13.9	-	-	-	-	-	-	-	<0.0048
	08/23/11	9.3	1.93	145	7.1	700	-	-	-	-	-	-	-	-	-	-
	02/22/12	9.1	1.71	117.4	6.4	824	-	-	-	-	-	-	-	-	-	-
	09/12/12	10.9	2.55	25	7.3	700	-	-	-	-	-	-	-	-	-	-
	03/21/13	8.1	4.22	76.4	7.2	719	-	-	-	-	-	-	-	-	-	-
	09/26/13	12.1	-	-	7.3	716	-	-	-	-	-	-	-	-	-	-
	09/25/14	9.5	-	-	7.8	730	-	-	-	-	-	-	-	-	-	-
	09/22/15	11.2	3.78	73.8	7.4	886	-	-	-	-	-	-	-	-	-	-
	03/27/18	9.1	1.85	-56.2	7.6	469	-	-	-	-	-	-	-	-	-	-
	09/11/18	10.7	4.68	22.0	7.8	546	-	-	-	-	-	-	-	-	-	-
	03/27/19	9.7	-	-	7.1	776	-	-	-	-	-	-	-	-	-	-
	09/25/19	11.0	3.62	-30.4	7.0	640	-	-	-	-	-	-	-	-	-	-
	03/11/20	9.1	5.01	-5.8	7.1	645	-	-	-	-	-	-	-	-	-	-
	09/23/20	10.2	3.96	80.7	7.0	435	-	-	-	-	-	-	-	-	-	-
	03/23/21	9.4	4.71	209.0	7.3	743	-	-	-	-	-	-	-	-	-	-
	09/22/21	9.8	-	179.5	7.2	740	-	-	-	-	-	-	-	-	-	-
	03/28/22	8.7	3.13	173.9	7.0	734	-	-	-	-	-	-	-	-	-	-
	09/28/22	10.0	3.86	49.5	7.2	930	-	-	-	-	-	-	-	-	-	-
	03/30/23	8.3	4.95	17.2	7.0	761	-	-	-	-	-	-	-	-	-	-
	03/28/24	8.9	5.49	205.6	7.2	704	-	-	-	-	-	-	-	-	-	-
	03/19/25	6.8	5.90	153.9	7.2	723	-	-	-	-	-	-	-	-	-	-
	09/24/25	12.4	3.36	227.8	7.4	846	-	-	-	-	-	-	-	-	-	-
MW-8B	03/18/03	8.0	-	-	7.4	1200	530	47	-	-	-	-	-	-	-	0.094
	03/18/03	-	-	-	-	-	530	46	-	-	-	-	-	-	-	0.095
	09/19/03	12.0	-	-	7.9	1200	490	39	-	-	-	-	-	-	-	0.11
	09/19/03	-	-	-	-	-	480	39	-	-	-	-	-	-	-	0.11
	03/29/04	11.8	-	-	7.3	1300	530	49	-	-	-	-	-	-	-	0.087
	03/29/04	-	-	-	-	-	510	48	-	-	-	-	-	-	-	0.088
	09/21/04	10.3	-	-	7.3	1400	640	36	-	-	-	-	-	-	-	0.11
	03/22/05	8.2	-	-	7.3	1800	560	36	-	-	-	-	-	-	-	0.09
	03/22/05	-	-	-	-	-	570	37	-	-	-	-	-	-	-	0.09
	09/26/05	10.5	-	-	7.6	1200	540	32	-	-	-	-	-	-	-	0.071
	03/29/06	9.8	-	-	7.8	1100	550	39	-	-	-	-	-	-	-	0.088
	03/29/06	-	-	-	-	-	670	41	-	-	-	-	-	-	-	0.088
	09/26/06	10.2	-	-	7.3	1300	580	30	-	-	-	-	-	-	-	0.093
	03/21/07	10.2	-	-	7.4	1110	550	30	-	-	-	-	-	-	-	0.085
	03/21/07	-	-	-	-	-	580	30	-	-	-	-	-	-	-	0.085
	09/19/07	10.3	-	-	7.4	1000	560	28	-	-	-	-	-	-	-	0.084
	09/19/07	10.3	-	-	7.4	1000	550	28	-	-	-	-	-	-	-	0.084
	06/11/08	11.8	-	-	7.1	1179	710	34	-	-	-	-	-	-	-	0.10
	12/02/08	10.0	-	-	6.4	1137	210	28	-	-	-	-	-	-	-	<0.0025
	06/29/09	10.0	-	-	6.5	1390	510	33	-	-	-	-	-	-	-	0.077
	06/30/10	10.2	-	-	7.0	1372	550	25.3	-	-	-	-	-	-	-	0.0807
	08/23/11	10.5	4.92	-17	7.1	1300	-	-	-	-	-	-	-	-	-	-
	09/12/12	11.3	1.09	-10	7.2	1100	-	-	-	-	-	-	-	-	-	-
	09/26/13	11.1	-	-	7.9	1345	-	-	-	-	-	-	-	-	-	-
	09/25/14	10.1	-	-	7.7	1233	-	-	-	-	-	-	-	-	-	-
	09/22/15	11.0	2.01	66.4	7.4	1401	-	-	-	-	-	-	-	-	-	-
	03/27/18	9.6	1.20	-70.7	7.3	756	-	-	-	-	-	-	-	-	-	-
	09/11/18	10.5	2.11	-77.0	8.0	-	-	-	-	-	-	-	-	-	-	-
	03/27/19	10.2	-	-	7.4	1063	-	-	-	-	-	-	-	-	-	-
	09/25/19	11.0	3.92	-82.5	7.1	1050	-	-	-	-	-	-	-	-	-	-
	03/11/20	9.6	4.64	-60.8	7.2	1024	-	-	-	-	-	-	-	-	-	-
	09/23/20	10.4	6.00	10.1	7.2	724	-	-	-	-	-	-	-	-	-	-
03/23/21	9.9	5.47	138.7	7.3	1203	-	-	-	-	-	-	-	-	-	-	
09/22/21	9.8	-	-40.2	7.3	1242	-	-	-	-	-	-	-	-	-	-	
03/28/22	9.1	3.51	11.7	6.9	1304	-	-	-	-	-	-	-	-	-	-	
09/28/22	10.0	4.79	-55.4	7.3	1430	-	-	-	-	-	-	-	-	-	-	
03/30/23	9.1	3.32	11.1	7.2	1112	-	-	-	-	-	-	-	-	-	-	
03/28/24	9.2	2.88	108.9	7.2	1084	-	-	-	-	-	-	-	-	-	-	
03/19/25	7.9	2.93	-66.4	7.3	1340	-	-	-	-	-	-	-	-	-	-	
09/24/25	10.8	1.92	185.2	7.5	1238	-	-	-	-	-	-	-	-	-	-	
MW-9S	06/05/08	12.4	-	-	7.2	796	490	6.7	-	-	-	-	-	-	-	0.32
	12/04/08	10.6	-	-	7.6	697	390	3.3 "J"	-	-	-	-	-	-	-	0.110
	06/29/09	10.7	-	-	6.9	817	420	<2.5	-	-	-	-	-	-	-	0.051
	06/30/10	10.7	-	-	6.8	837	390	4.06 "J"	-	-	-	-	-	-	-	0.0211
	08/23/11	12.5	2.30	189	7.0	800	-	-	-	-	-	-	-	-	-	-
	09/11/12	14.6	1.45	167	7.0	800	-	-	-	-	-	-	-	-	-	-
	09/26/13	14.2	-	-	7.3	755	-	-	-	-	-	-	-	-	-	-
	09/24/14	12.9	-	-	7.6	720	-	-	-	-	-	-	-	-	-	-
	09/22/15	14.6	2.30	-29.4	7.8	520	-	-	-	-	-	-	-	-	-	-
MW-9B	06/10/08	16.1	-	-	7.6	739	380	39	-	-	-	-	-	-	-	0.09
	12/04/08	9.1	-	-	7.9	669	300	36	-	-	-	-	-	-	-	0.130
	06/29/09	9.9	-	-	6.7	733	370	28	-	-	-	-	-	-	-	0.044
	06/30/10	10.1	-	-	7.4	760	290	23.5	-	-	-	-	-	-	-	0.497
	08/23/11	12.0	3.57	71	7.6	600	300	25	0.25	0.028	1.8	25	<2.3	<3.7	<3.5	0.084
	11/22/11	9.4	2.14	-26.5	6.8	760	-	-	-	-	-	-	-	-	-	-
	02/22/12	10.0	1.34	-25.3	6.8	769	-	-	-	-	-	-	-	-	-	-
	05/21/12	11.3	1.78	40	7.5	500	-	-	-	-	-	-	-	-	-	-
	09/11/12	11.0	0.95	-35	7.2	700	300	24	0.015	0.025 "J"	1.6	77	<2.3	<3.7	<3.5	0.0026
	12/19/12	9.44	2.60	-92.4	7.5	704	-	-	-	-	-	-	-	-	-	-
	03/21/13	9.2	1.59	-103.8	7.4	705	-	-	-	-	-	-	-	-	-	-
	06/25/13	10.8	3.20	-101.4	7.4	721	-	-	-	-	-	-	-	-	-	-

Table 2: Groundwater Field Measurements and Inorganic Laboratory Results, Denow Landfill, Grafton, Wisconsin

Well ID	Date	Field Measurement					Laboratory Analysis									
		Temperature	DO	Eh (ORP)	pH	Conductivity	Alkalinity	Chloride	Iron	Nitrate (as N)	Total Organic Compound (TOC)	Total Inorganic Compound (TIC)	Methane	Ethene	Ethane	Manganese
	(degrees C)	mg/l	mV	s.u.	(µS/cm)	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µg/l	µg/l	µg/l	mg/l
Wisconsin Department of Natural Resources Preventive Action Limit						NR	125	0.15	2	NR	NR	NR	NR	NR	0.025	
Wisconsin Department of Natural Resources Enforcement Standard						NR	250	0.3	10	NR	NR	NR	NR	NR	0.05	
MW-9B continued	09/26/13	11.1	-	-	7.5	758	-	-	-	-	-	-	-	-	-	-
	09/24/14	10.3	-	-	7.8	750	-	-	-	-	-	-	-	-	-	-
	09/22/15	11.7	1.90	-117	7.6	877	330	24	<0.018	0.17	5.5	74	<2.3	<3.7	<3.5	0.038
MW-10S	06/12/08	8.7	-	-	7.3	500	380	2.5	-	-	-	-	-	-	-	0.023
	12/04/08	10.3	-	-	7.8	521	290	2.6 "J"	-	-	-	-	-	-	-	0.0017 "J"
	06/29/09	9.3	-	-	6.8	583	320	3.1 "J"	-	-	-	-	-	-	-	<0.001
	06/30/10	9.0	-	-	7.4	615	290	4.74 "J"	-	-	-	-	-	-	-	<0.0048
	08/23/11	10.6	9.87	196	7.4	500	-	-	-	-	-	-	-	-	-	-
	11/22/11	9.8	6.90	80.7	6.7	627	-	-	-	-	-	-	-	-	-	-
	02/22/12	7.7	7.21	87.7	7.3	667	-	-	-	-	-	-	-	-	-	-
	05/21/12	8.7	5.43	154	7.4	400	-	-	-	-	-	-	-	-	-	-
	09/11/12	11.9	7.40	100	7.2	600	-	-	-	-	-	-	-	-	-	-
	12/19/12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/21/13	6.6	7.34	60.7	7.5	605	-	-	-	-	-	-	-	-	-	-
	06/25/13	8.3	4.80	86	7.1	380	-	-	-	-	-	-	-	-	-	-
	09/26/13	11.1	-	-	7.4	660	-	-	-	-	-	-	-	-	-	-
	09/24/14	10.1	-	-	8.0	610	-	-	-	-	-	-	-	-	-	-
	09/22/15	10.9	3.63	83.2	7.7	769	-	-	-	-	-	-	-	-	-	-
MW-11S	06/12/08	11.5	-	-	7.6	764	660	8.4	-	-	-	-	-	-	-	0.020
	12/04/08	7.6	-	-	7.9	671	340	6.3	-	-	-	-	-	-	-	0.054
	06/29/09	10.5	-	-	6.5	665	390	3.9 "J"	-	-	-	-	-	-	-	<0.001
	06/30/10	10.9	-	-	7.3	801	370	4.31 "J"	-	-	-	-	-	-	-	<0.0048
	08/23/11	11.5	8.92	160	7.6	500	-	-	-	-	-	-	-	-	-	-
	09/11/12	-	-	93	7.3	10	-	-	-	-	-	-	-	-	-	-
	09/26/13	12.0	-	-	7.6	725	-	-	-	-	-	-	-	-	-	-
	09/24/14	9.9	-	-	8.0	728	-	-	-	-	-	-	-	-	-	-
	09/22/15	11.0	7.41	96.3	7.5	864	-	-	-	-	-	-	-	-	-	-
	MW-12S	03/13/09	-	-	-	-	-	610	4.8	-	-	-	-	-	-	-
06/29/09		10.3	-	-	6.8	846	420	<0.005	-	-	-	-	-	-	-	0.024
06/30/10		10.4	-	-	7.2	797	390	3.53 "J"	-	-	-	-	-	-	-	0.0101 "J"
08/23/11		9.9	7.76	194	7.1	700	390	2.8	0.49	0.11	0.85	47	<2.3	<3.7	<3.5	0.097
11/22/11		9.5	7.59	94.8	6.6	827	-	-	-	-	-	-	-	-	-	-
02/22/12		9.7	9.02	80	6.6	830	-	-	-	-	-	-	-	-	-	-
05/21/12		11.0	6.31	160	7.2	500	-	-	-	-	-	-	-	-	-	-
09/11/12		11.2	7.78	22	7.1	100	430	4.4 "J"	0.83	0.22	0.47	110	<2.3	<3.7	<3.5	0.034
12/19/12		9.12	7.85	105.2	7.2	720	-	-	-	-	-	-	-	-	-	-
03/21/13		9.2	6.23	78.5	7.3	714	-	-	-	-	-	-	-	-	-	-
06/25/13		10.1	9.83	106.8	7.1	662	-	-	-	-	-	-	-	-	-	-
09/26/13		11.0	-	-	7.6	727	-	-	-	-	-	-	-	-	-	-
09/24/14		10.0	-	-	8.0	710	-	-	-	-	-	-	-	-	-	-
09/22/15		13.3	2.95	53.0	7.5	808	360	6.3	<0.018	0.2	5.7	86	2.58 "J"	<3.7	<3.5	0.0024
MW-12B	03/13/09	-	-	-	-	-	590	78	-	-	-	-	-	-	-	0.15
	06/29/09	11.0	-	-	7.1	1456	540	60	-	-	-	-	-	-	-	0.140
	06/30/10	11.1	-	-	6.9	1377	550	43.4	-	-	-	-	-	-	-	0.0548
	08/23/11	10.1	2.14	58	7.4	1200	480	38	0.76	0.081	5.7	59	<2.3	<3.7	<3.5	0.0960
	11/22/11	9.1	1.45	49	6.6	1271	-	-	-	-	-	-	-	-	-	-
	02/22/12	10.4	1.74	12.3	6.7	1331	-	-	-	-	-	-	-	-	-	-
	05/21/12	11.2	2.60	60	7.1	900	-	-	-	-	-	-	-	-	-	-
	09/11/12	11.5	4.90	45	7.3	1000	480	38	0.31	0.049 "J"	4.8	130	15	<3.7	<3.5	0.190
	12/19/12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	03/21/13	7.5	1.42	-35.7	7.2	1216	-	-	-	-	-	-	-	-	-	-
	06/25/13	10.9	2.22	-60.8	7.2	774	-	-	-	-	-	-	-	-	-	-
	09/26/13	11.2	-	-	7.3	1797	-	-	-	-	-	-	-	-	-	-
	09/24/14	10.5	-	-	7.6	1160	-	-	-	-	-	-	-	-	-	-
09/22/15	13.1	2.51	-51.3	7.5	1344	520	34	<0.018	0.12	9.6	130	<2.3	<3.7	<3.5	0.190	
MW-13S	08/23/11	15.5	2.56	152	7.1	800	380	26	48	0.11	2.2	42	<2.3	<3.7	<3.5	0.860
	11/22/11	14.1	2.85	150.6	6.7	828	-	-	-	-	-	-	-	-	-	-
	02/22/12	8.5	1.90	83.1	6.7	837	-	-	-	-	-	-	-	-	-	-
	05/21/12	10.8	2.15	83	7.3	800	-	-	-	-	-	-	-	-	-	-
	09/11/12	18.4	1.37	3	7.3	700	370	22	0.012	0.17	2	100	53	<3.7	<3.5	0.046
	12/19/12	12.67	1.45	146.9	6.8	725	-	-	-	-	-	-	-	-	-	-
	03/20/13	7.2	8.32	60.0	7.3	844	-	-	-	-	-	-	-	-	-	-
	06/25/13	10.2	2.46	54.2	7.0	637	-	-	-	-	-	-	-	-	-	-
	09/26/13	16.1	-	-	7.4	722	-	-	-	-	-	-	-	-	-	-
	09/25/14	15.8	-	-	7.6	655	-	-	-	-	-	-	-	-	-	-
	09/22/15	15.1	1.62	59.6	7.4	707	290	27	<0.018	0.063 "J"	11	57	98.5	<3.7	<3.5	0.0017 "J"
MW-13B	08/23/11	10.7	2.63	81	7.4	900	360	54	0.42	0.17	2.1	48	3.4	<3.7	<3.5	0.200
	11/22/11	9.9	1.74	67.6	6.6	1062	-	-	-	-	-	-	-	-	-	-
	02/22/12	10.1	5.29	51.7	6.9	1084	-	-	-	-	-	-	-	-	-	-
	05/21/12	13.0	2.89	16	7.2	1000	-	-	-	-	-	-	-	-	-	-
	09/11/12	12.6	3.01	57	7.5	800	380	45	0.78	0.025 "J"	1.4	100	<2.3	<3.7	<3.5	0.130
	12/19/12	11.56	2.72	14.6	-	944	-	-	-	-	-	-	-	-	-	-
	03/20/13	10.0	4.71	5.5	7.5	943	-	-	-	-	-	-	-	-	-	-
	06/25/13	12.0	6.35	-13	7.1	1005	-	-	-	-	-	-	-	-	-	-
	09/26/13	11.4	-	-	7.5	998	-	-	-	-	-	-	-	-	-	-
09/24/14	11.3	-	-	7.9	978	-	-	-	-	-	-	-	-	-	-	
09/22/15	11.7	4.40	-6.2	7.6	1116	370.00	42.00	<0.018	0.061 "J"	5.10	85.00	2.85 "J"	<3.7	<3.5	0.056	
FORMER RESIDENTIAL WATER SUPPLY WELL CONVERTED INTO GROUND-WATER MONITORING WELLS																
2224 Edgewood Drive	03/18/03	10.0	-	-	7.4	890	340	67	-	-	-	-	-	-	-	0.05
	09/19/03	12.5	-	-	7.9	900	330	64	-	-	-	-	-	-	-	0.049
	03/29/04	10.4	-	-	8.1	900	310	63	-	-	-	-	-	-	-	0.047
	09/22/04	10.6	-	-	7.6	1000	350	65	-	-	-	-	-	-	-	0.049
	03/22/05	7.9	-	-	7.9	1000	350	62	-	-	-	-	-	-	-	0.037
	09/26/05	11.3	-	-	7.8	900	330	66	-	-	-	-	-	-	-	0.047
	03/30/06	11.3	-	-	7.8	900	320	64	-	-	-	-	-	-	-	0.012
	09/27/06	10.8	-	-	7.8	900	340	69	-	-	-	-	-	-	-	0.049
	03/21/07	10.7	-	-	7.8	790	330	68	-	-	-	-	-	-	-	0.055

Table 2: Groundwater Field Measurements and Inorganic Laboratory Results, Denow Landfill, Grafton, Wisconsin

Well ID	Date	Field Measurement					Laboratory Analysis									
		Temperature	DO	Eh (ORP)	pH	Conductivity	Alkalinity	Chloride	Iron	Nitrate (as N)	Total Organic Compound (TOC)	Total Inorganic Compound (TIC)	Methane	Ethene	Ethane	Manganese
	(degrees C)	mg/l	mV	s.u.	(µS/cm)	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	µg/l	µg/l	µg/l	mg/l
Wisconsin Department of Natural Resources Preventive Action Limit						NR	125	0.15	2	NR	NR	NR	NR	NR	0.025	
Wisconsin Department of Natural Resources Enforcement Standard						NR	250	0.3	10	NR	NR	NR	NR	NR	0.05	
2224 Edgewood Drive continued	09/19/07	10.6	-	-	7.8	700	330	64	-	-	-	-	-	-	-	0.056
	06/12/08	11.7	-	-	7.3	940	-	-	-	-	-	-	-	-	-	-
	12/03/08	11.2	-	-	7.5	874	320	68	-	-	-	-	-	-	-	0.0096
	06/30/09	10.9	-	-	6.7	1039	340	81	-	-	-	-	-	-	-	0.044
	06/30/10	-	-	-	-	-	340	74.2	-	-	-	-	-	-	-	0.056
	08/24/11	12.2	5.58	212	7.6	900	-	-	-	-	-	-	-	-	-	-
	09/12/12	12.0	4.30	-30	7.2	1000	-	-	-	-	-	-	-	-	-	-
	09/27/13	10.9	-	-	7.5	970	-	-	-	-	-	-	-	-	-	-
	09/25/14	10.7	-	-	7.9	976	-	-	-	-	-	-	-	-	-	-
	09/22/15	11.3	2.75	-77.6	7.6	1113	-	-	-	-	-	-	-	-	-	-
2232 Edgewood Drive	03/18/03	10.0	-	-	7.4	1000	370	110	-	-	-	-	-	-	-	0.047
	09/19/03	12.0	-	-	7.0	1000	340	93	-	-	-	-	-	-	-	0.043
	03/29/04	10.1	-	-	7.6	1000	350	81	-	-	-	-	-	-	-	0.045
	09/22/04	9.7	-	-	7.6	1000	360	85	-	-	-	-	-	-	-	0.047
	03/22/05	8.9	-	-	7.9	1100	340	98	-	-	-	-	-	-	-	0.053
	09/26/05	10.9	-	-	7.7	1000	340	95	-	-	-	-	-	-	-	0.049
	03/30/06	10.9	-	-	7.8	1000	350	89	-	-	-	-	-	-	-	0.048
	09/27/06	10.5	-	-	7.5	1000	350	93	-	-	-	-	-	-	-	0.047
	03/21/07	10.2	-	-	7.8	930	350	90	-	-	-	-	-	-	-	0.038
	09/19/07	10.7	-	-	7.6	700	350	90	-	-	-	-	-	-	-	0.041
	06/12/08	10.2	-	-	7.3	998	-	-	-	-	-	-	-	-	-	-
	12/03/08	10.9	-	-	7.5	958	350	100	-	-	-	-	-	-	-	0.065
	06/30/09	10.7	-	-	7.1	1113	360	100	-	-	-	-	-	-	-	0.045
	06/30/10	-	-	-	-	-	350	92.5	-	-	-	-	-	-	-	0.0470
	08/24/11	10.8	2.17	136	7.4	1000	-	-	-	-	-	-	-	-	-	-
	02/22/12	9.8	0.76	-47.9	6.9	1115	-	-	-	-	-	-	-	-	-	-
	09/12/12	10.4	1.12	-10	7.4	900	-	-	-	-	-	-	-	-	-	-
	03/20/13	9.0	3.22	-83	7.3	989	-	-	-	-	-	-	-	-	-	-
	09/27/13	10.2	-	-	7.6	1019	-	-	-	-	-	-	-	-	-	-
	03/25/14	9.9	-	-	7.7	1040	-	-	-	-	-	-	-	-	-	-
	09/30/14	10.3	-	-	7.5	950	-	-	-	-	-	-	-	-	-	-
	09/22/15	11.2	0.71	-87.8	7.4	1161	-	-	-	-	-	-	-	-	-	-
2267 Edgewood Drive	03/18/03	8.0	-	-	7.6	580	280	10	-	-	-	-	-	-	-	0.130
	09/19/03	13.0	-	-	7.0	600	280	14	-	-	-	-	-	-	-	0.140
	03/29/04	8.9	-	-	7.7	600	260	12	-	-	-	-	-	-	-	0.140
	09/22/04	10.4	-	-	7.8	500	280	13	-	-	-	-	-	-	-	0.150
	03/22/05	9.2	-	-	7.9	700	260	15	-	-	-	-	-	-	-	0.150
	09/26/05	11.2	-	-	7.8	700	270	14	-	-	-	-	-	-	-	0.150
	03/30/06	11.0	-	-	7.8	600	270	14	-	-	-	-	-	-	-	0.160
	09/27/06	10.6	-	-	7.8	600	280	15	-	-	-	-	-	-	-	0.150
	03/21/07	10.5	-	-	7.9	560	280	15	-	-	-	-	-	-	-	0.160
	09/19/07	10.5	-	-	7.7	600	280	16	-	-	-	-	-	-	-	0.160
	06/12/08	12.2	-	-	7.4	611	-	-	-	-	-	-	-	-	-	-
	12/03/08	11.1	-	-	7.7	568	280	16	-	-	-	-	-	-	-	0.130
	06/30/09	11.1	-	-	6.6	682	280	19	-	-	-	-	-	-	-	0.140
	06/30/10	-	-	-	-	-	280	16.7	-	-	-	-	-	-	-	0.132
	08/24/11	11.2	2.03	15	7.4	600	-	-	-	-	-	-	-	-	-	-
	02/22/12	8.6	2.78	122.5	7.0	725	-	-	-	-	-	-	-	-	-	-
	09/12/12	10.7	1.20	40.0	7.3	600	-	-	-	-	-	-	-	-	-	-
	03/20/13	9.8	2.22	-37.6	7.4	395	-	-	-	-	-	-	-	-	-	-
	09/27/13	11.2	-	-	7.5	630	-	-	-	-	-	-	-	-	-	-
	03/25/14	9.6	-	-	8.0	625	-	-	-	-	-	-	-	-	-	-
	09/30/14	11.4	-	-	7.5	710	-	-	-	-	-	-	-	-	-	-
	09/22/15	12.6	1.10	-109.9	7.5	729	-	-	-	-	-	-	-	-	-	-
2280 Edgewood Drive	03/18/03	10.0	-	-	7.6	560	260	8.9	-	-	-	-	-	-	-	0.083
	09/19/03	13.0	-	-	7.0	500	250	8.5	-	-	-	-	-	-	-	0.085
	03/29/04	8.9	-	-	8.0	500	240	8.4	-	-	-	-	-	-	-	0.083
	09/22/04	9.9	-	-	7.8	400	260	8.2	-	-	-	-	-	-	-	0.089
	03/22/05	9.7	-	-	7.8	600	230	11	-	-	-	-	-	-	-	0.068
	09/26/05	11.2	-	-	7.8	500	240	6.9	-	-	-	-	-	-	-	0.092
	03/30/06	10.7	-	-	8.0	500	240	7.8	-	-	-	-	-	-	-	0.070
	09/27/06	10.9	-	-	7.7	500	250	7.7	-	-	-	-	-	-	-	0.094
	03/21/07	10.7	-	-	8.0	470	260	6.8	-	-	-	-	-	-	-	0.091
	09/19/07	10.7	-	-	7.7	500	250	7.7	-	-	-	-	-	-	-	0.089
	06/12/08	10.9	-	-	7.4	534	-	-	-	-	-	-	-	-	-	-
	12/03/08	11.7	-	-	7.9	469	250	7.1	-	-	-	-	-	-	-	0.088
	06/29/09	10.9	-	-	7.1	552	250	8.6	-	-	-	-	-	-	-	0.088
	06/30/10	-	-	-	-	-	260	7.65 "J"	-	-	-	-	-	-	-	0.0872
	08/24/11	11.0	2.41	-9	7.6	500	-	-	-	-	-	-	-	-	-	-
	02/22/12	9.8	0.98	-26.2	7.0	555	-	-	-	-	-	-	-	-	-	-
	09/12/12	10.4	0.98	-1.0	7.6	400	-	-	-	-	-	-	-	-	-	-
	03/20/13	10.0	2.41	-64.1	7.5	498	-	-	-	-	-	-	-	-	-	-
	09/27/13	11.3	-	-	7.9	512	-	-	-	-	-	-	-	-	-	-
	03/25/14	10.3	-	-	8.3	510	-	-	-	-	-	-	-	-	-	-
	09/26/14	11.1	-	-	7.8	555	-	-	-	-	-	-	-	-	-	-
	09/22/15	12.1	2.94	-104.7	7.8	567	-	-	-	-	-	-	-	-	-	-

Note:

mg/l = milligrams per liter

µg/l = micrograms per liter

µS/cm = micro Siemens per centimeter

NR = not regulated

ND = not detected

- = not analyzed

"J" = analyte detected between limit of detection and limit of quantitation

* = duplicate sample

XXX = exceeds Wisconsin Department of Natural Resources preventive action limit

XXX = exceeds Wisconsin Department of Natural Resources enforcement standard

Table 3: Groundwater Sampling Volatile Organic Compound Results - September 2025, Denow Landfill, Grafton, Wisconsin

Well Screen Interval in feet above sea level	Groundwater Elevation in feet above mean sea level	Well ID	Date Sampled	Relevant and Significant Volatile Organic Compounds (micograms per liter)						
				1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloro-ethene	Trichloro-ethene (TCE)	Vinyl Chloride
		NR 140, Wis. Adm. Code PAL		0.7	7	20	0.5	0.5	0.5	0.02
NR 140, Wis. Adm. Code ES		7	70	100	5	5	5	0.2		
LANDFILL MONITORING WELLS										
781.5-791.5	787.96	MW-1S	09/24/25	<0.48	<0.42	<0.44	<3.7	<0.39	0.42 "J"	<0.20
738.7-743.7	787.83	MW-1D	09/24/25	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	<0.20
709.1-714.1	787.72	MW -1B	09/24/25	<0.48	1.3	<0.44	<3.6	<0.39	<0.15	<0.20
779.7-789.7	787.83	MW-2S	09/24/25	<0.48	5.2	<0.44	<3.6	14.0	15	<0.20
762.4-767.4	788.93	MW-2D	09/24/25	<0.48	53	2.2	<3.6	7.9	29	0.73 "J"
779.6-789.6	787.62	MW-3S	09/25/25	<0.48	2.4	<0.44	<3.6	<0.39	0.83	<0.20
728.7-733.7	787.79	MW-3D	09/25/25	<0.48	32	1.9	<3.6	<0.39	<0.15	1.4
704.2-709.2	786.59	MW-3B1	09/25/25	3.0 "J"	390	4.3 "J"	<18	<1.9	<0.74	250
667.3-672.3	784.47	MW-3B2	09/25/25	3.7	530	12.0	<3.6	<0.39	<0.15	230
734.8-739.8	787.87	MW-4D	09/24/25	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	<0.20
700.8-705.8	781.80	MW-6D	09/24/25	<0.48	1.4	<0.44	<3.6	<0.39	<0.15	1.2
685.9-690.9	781.75	MW-6B	09/24/25	<0.48	1.1	<0.44	<3.6	<0.39	<0.15	<0.20
772.7-787.7	788.96	MW-8S	09/24/25	<0.48	0.85 "J"	<0.44	<3.6	18	7.6	<0.20
729.4-734.4	788.85	MW-8B	09/24/25	<0.48	13	1.1	<3.6	0.39 "J"	0.58	19
778.6-788.6	787.33	MW-9S	09/24/25	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	<0.20
694.4-698.4	787.37	MW-9B	09/24/25	<0.48	46	0.76 "J"	<3.6	<0.39	0.45 "J"	9.7
783.0-793.0	787.67	MW-10S	09/25/25	<0.48	<0.42	<0.44	<3.6	<0.39	1.8	<0.20
783.2-793.2	788.04	MW-12S	09/24/25	<0.48	<0.42	<0.44	<3.6	<0.39	0.21 J	<0.20
739.5-744.5	787.45	MW-12B	09/24/25	<0.48	32	1.20	<3.6	6	12	2.6
780.1-790.1	788.13	MW-13S	09/25/25	<0.48	1.1	<0.44	<3.6	<0.39	5.3	<0.20
725.2-730.2	788.02	MW-13B	09/25/25	<0.48	1.5	<0.44	<3.6	<0.39	2	0.26 "J"
FORMER RESIDENTIAL WATER SUPPLY WELLS CONVERTED INTO GROUND-WATER MONITORING WELLS										
660.1-665.1	764.66	2224 Edgewood Drive	09/25/25	<0.63	<0.37	<0.38	<0.41	<0.47	<0.37	<0.012
688.1-693.1		2232 Edgewood Drive	09/25/25	<0.63	<0.37	<0.38	<0.41	<0.47	<0.37	0.14 "J"
677.8-687.8	764.66	2267 Edgewood Drive	09/25/25	<0.63	<0.37	<0.36	<0.41	<0.47	<0.37	1.5
660.1-670.1	764.66	2280 Edgewood Drive	09/25/25	<0.63	<0.37	<0.38	<0.41	<0.47	<0.37	<0.012
		Trip Blank	09/24/25	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	<0.20

NE

-

"J"

L

"B"

ND

*

XXX

= not established

= not analyzed or data not collected

= analyte detected between Limit of Detection and Limit of Quanitification

= probable laboratory contaminant

= compound found in blank and sample

= not detected

= duplicate sample

= exceeds Chapter NR 140, Wisconsin Administrative Code (NR 140, Wis. Adm. Code) preventive action limit (PAL)

XXX

= exceeds NR 140, Wis. Adm. Code enforcement limit (ES)

Table 4: In-Use Residential Water Supply Wells Volatile Organic Compound Laboratory Results, Denow Landfill, Grafton, Wisconsin

Well ID	WDNR Point ID No.	Date Sampled	Chloroform	cis 1,2-Dichloro-ethene	Dichlorodi-fluoromethane	1,1-Dichloro-ethane	Methylene chloride	Methyl tert-butyl ether (MTBE)	Toluene	Trichloro-ethene (TCE)	Vinyl Chloride
NR 140, Wis. Adm. Code PAL			0.6	7	200	85	0.5	12	160	0.5	0.02
NR 140, Wis. Adm. Code ES			6	70	1000	850	5	60	800	5	0.2
2246 Edgewater Drive cont.		10/02/24	<0.92	<0.42	<1.8	<0.36	<3.6	<0.43	<0.21	<0.15	0.38 "J"
		10/31/24	<0.92	<0.42	<1.8	<0.36	<3.6	<0.43	<0.21	<0.15	0.40 "J"
		03/20/25	<0.92	<0.42	<1.8	<0.36	<3.6	<0.43	<0.21	<0.15	0.32 "J"
		09/25/25	<0.33	<0.37	<0.82	<0.33	<0.41	<0.22	<0.32	<0.37	0.33
2252 Edgewater Drive	315	05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	0.14 "J"
		08/16/07	ND	<0.68	<0.46	<0.56	<0.69	ND	<0.46	<0.44	0.062 "J"
		12/02/08	ND	ND	<0.15	ND	<0.40	ND	<0.20	<0.20	<0.17
		07/08/10	ND	ND	<0.7	ND	<0.47	ND	<0.72	<0.39	<0.19
		09/01/11	ND	<0.26	<0.29	<0.21	<0.48	<0.28	<0.17	<0.17	<0.18
		09/13/12	ND	<0.21	<0.19	<0.19	<0.40	<0.19	<0.23	<0.25	<0.15
		09/30/13	ND	< 0.38	< 0.44	< 0.3	< 0.5	< 0.23	< 0.69	< 0.33	0.22 "J"
		10/18/13	ND	< 0.38	< 0.44	< 0.3	< 0.5	< 0.23	< 0.69	< 0.33	<0.18
		03/19/14	ND	< 0.38	< 0.44	< 0.3	< 0.5	< 0.23	< 0.69	< 0.33	<0.18
		09/23/14	ND	< 0.38	< 0.44	< 0.3	< 0.5	< 0.23	< 0.69	< 0.33	0.21 "J"
		10/20/14	ND	< 0.38	< 0.44	< 0.3	< 0.5	< 0.23	< 0.69	< 0.33	< 0.18
		03/25/15	ND	<0.22	<0.19	<0.20	<0.18	<0.18	<0.20	<0.17	<0.20
		10/02/15	ND	<0.22	<0.19	<0.21	<0.18	<0.18	<0.20	<0.17	<0.20
		03/21/16	ND	<0.45	<0.87	<1.1	<1.3	<1.1	<0.44	<0.47	<0.17
		09/13/18	ND	<0.41	<0.67	<0.41	<1.6	<0.39	<0.15	<0.37	<0.20
		03/27/19	ND	<0.41	<0.67	<0.41	<1.6	<0.39	<0.15	<0.16	0.30 "J"
		04/26/19	ND	<0.41	<0.67	<0.41	<1.6	<0.39	<0.15	<0.16	<0.20
		09/25/19	ND	<0.41	<0.67	<0.41	<1.6	<0.39	<0.15	<0.16	<0.20
		03/16/20	0.65 "J"	<0.41	<0.67	<0.41	<1.7	<0.39	<0.15	<0.16	<0.20
		09/23/20	<0.37	<0.41	<0.67	<0.41	<1.6	<0.39	<0.15	<0.16	<0.20
		03/23/21	<0.37	<0.41	<0.67	<0.41	<1.6	<0.39	<0.15	<0.16	<0.20
		09/22/21	<0.37	<0.41	<0.67	<0.41	<1.7	<0.39	0.15	<0.16	<0.20
		03/28/22	<0.37	<0.41	<0.67	<0.41	<1.6	<0.39	<0.15	<0.16	<0.20
		09/28/22	0.39 "J"	<0.41	<0.67	<0.41	1.8 "J B"	<0.39	<0.15	<0.16	<0.20
		03/30/23	<0.37	<0.41	<0.67	<0.41	<1.6	<0.39	<0.15	<0.16	0.33 "J"
		05/09/23	<0.37	<0.41	<0.67	<0.41	<1.6	<0.39	<0.15	<0.16	0.26 "J"
		06/01/23	<0.37	<0.41	<0.67	<0.41	3.3 "J B"	<0.39	<0.15	<0.16	0.32 "J"
		10/16/23	<0.37	<0.41	<0.67	<0.41	<1.6	<0.39	<0.15	<0.16	<0.20
		03/28/24	<0.37	<0.41	<0.67	<0.41	2.2 "J B"	<0.39	<0.15	<0.16	<0.20
		10/01/24	<0.92	<0.42	<1.8	<0.36	<3.6	<0.43	<0.21	<0.15	0.32 "J"
		10/31/24	<0.92	<0.42	<1.8	<0.36	<3.6	<0.43	<0.21	<0.15	0.37 "J"
		03/20/25	<0.92	<0.42	<1.8	<0.36	<3.6	<0.43	<0.21	<0.15	0.45 "J"
		09/24/25	<0.33	<0.37	<0.82	<0.33	<0.41	<0.22	<0.32	<0.37	0.38
2258 Edgewater Drive	316	08/16/07	ND	<0.68	<0.46	<0.56	<0.69	ND	<0.46	<0.44	<0.04
		08/25/11	ND	<0.21	<0.19	<0.19	<0.40	<0.19	<0.23	<0.25	<0.15
		09/14/12	ND	<0.21	<0.19	<0.19	<0.40	<0.19	<0.23	<0.25	<0.15
		09/30/13	ND	< 0.38	< 0.44	< 0.3	< 0.5	< 0.23	< 0.69	< 0.33	0.22 "J"
		10/21/13	ND	< 0.38	< 0.44	< 0.3	< 0.5	< 0.23	< 0.69	< 0.33	<0.18
		03/25/14	ND	< 0.38	< 0.44	< 0.3	< 0.5	< 0.23	< 0.69	< 0.33	<0.18
		09/26/14	ND	< 0.38	< 0.44	< 0.3	< 0.5	< 0.23	< 0.69	< 0.33	0.21 "J"
		10/20/14	ND	< 0.38	< 0.44	< 0.3	< 0.5	< 0.23	< 0.69	< 0.33	< 0.18
		06/01/23	<0.37	<0.41	<0.67	<0.41	3.3 "J B"	<0.39	<0.15	<0.16	0.40 "J"
		06/30/23	<0.37	<0.41	<0.67	<0.41	<1.6	<0.39	<0.15	<0.16	<0.20
		10/16/23	<0.37	<0.41	<0.67	<0.41	<1.6	<0.39	<0.15	<0.16	<0.20
		03/28/24	<0.37	<0.41	<0.67	<0.41	2.2 "J B"	<0.39	<0.15	<0.16	<0.20
		10/01/24	<0.92	<0.42	<1.8	<0.36	<3.6	<0.43	<0.21	<0.15	0.31 "J"
		10/31/24	<0.92	<0.42	<1.8	<0.36	<3.6	<0.43	<0.21	<0.15	0.35 "J"
		03/20/25	<0.92	<0.42	<1.8	<0.36	<3.6	<0.43	<0.21	<0.15	0.29 "J"
		09/24/25	<0.33	<0.37	<0.82	<0.33	<0.41	<0.22	<0.32	<0.37	0.21
2123 Edgewood Drive	-	08/16/07	ND	<0.68	<0.46	<0.56	<0.69	ND	<0.46	<0.44	<0.04
2122 Edgewood Drive	-	05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	<0.50
2135 Edgewood Drive	-	08/18/07	ND	<0.68	<0.46	<0.56	<0.69	ND	<0.46	<0.44	<0.04
2138 Edgewood Drive	-	05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	<0.50
2157 Edgewood Drive	-	05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	<0.50
2167 Edgewood Drive	*	05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	<0.50
		05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	<0.50
2267 Edgewood Drive	-	09/25/25	-	<0.37	-	<0.63	<0.41	-	-	<0.37	1.5
2232 Edgewood Drive	-	09/25/25	-	<0.37	-	<0.63	<0.41	-	-	<0.37	0.14 J

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Well ID	WDNR Point ID No.	Date Sampled	Chloroform	cis 1,2-Dichloro-ethene	Dichlorodi-fluoromethane	1,1-Dichloro-ethane	Methylene chloride	Methyl tert-butyl ether (MTBE)	Toluene	Trichloro-ethene (TCE)	Vinyl Chloride
NR 140, Wis. Adm. Code PAL			0.6	7	200	85	0.5	12	160	0.5	0.02
NR 140, Wis. Adm. Code ES			6	70	1000	850	5	60	800	5	0.2
2256 Green Bay Road	-	05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	<0.50
2266 Green Bay Road *	-	05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	<0.50
		05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	<0.50
2286 Green Bay Road	-	08/16/07	ND	<0.68	<0.46	<0.56	<0.69	ND	<0.46	<0.44	<0.04
2290 Green Bay Road	-	05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	<0.50
2296 Green Bay Road	-	08/16/07	ND	<0.68	<0.46	<0.56	<0.69	ND	<0.46	<0.44	<0.04
2310 Green Bay Road	-	05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	<0.50
2326 Green Bay Road	-	05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	<0.50
2336 Green Bay Road	-	08/16/07	ND	<0.68	<0.46	<0.56	<0.69	ND	<0.46	<0.44	<0.04
2385 Green Bay Road	-	05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	<0.50
2417 Green Bay Road	-	05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	<0.50
2481 Green Bay Road	-	08/16/07	ND	<0.68	<0.46	<0.56	<0.69	ND	<0.46	<0.44	<0.04
1749 Hillside Court	-	08/16/07	ND	<0.68	<0.46	<0.56	<0.69	ND	<0.46	<0.44	<0.04
1754 Hillside Court	301	04/26/01	ND	-	<0.27	-	<0.35	ND	<0.22	<0.36	<0.23
		07/29/02	ND	-	<0.18	-	<0.24	ND	<0.17	<0.13	<0.18
		10/03/03	ND	-	<0.26	-	<0.12	ND	<0.14	<0.12	<0.10
		09/22/04	ND	-	<0.18	-	<0.43	ND	<0.34	<0.25	<0.11
		09/27/05	ND	-	<0.28	-	<0.25	ND	<0.25	<0.13	<0.20
		09/26/06	ND	-	<0.17	-	<0.36	ND	<0.19	<0.30	<0.20
		05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	<0.50
		09/19/07	ND	<0.21	<0.15	<0.21	<0.40	ND	<0.20	<0.20	<0.17
		12/02/08	ND	<0.40	<0.22	<0.35	<0.40	ND	<0.37	<0.43	<0.095
		07/08/10	ND	ND	<0.7	ND	<0.47	ND	<0.72	<0.39	<0.19
		08/23/11	ND	<0.21	<0.19	<0.19	<0.40	<0.19	<0.23	<0.25	<0.15
		09/13/12	ND	<0.21	<0.19	<0.19	<0.40	<0.19	<0.23	<0.25	<0.15
		09/27/13	ND	< 0.38	< 0.44	< 0.3	< 0.5	< 0.23	< 0.69	< 0.33	< 0.18
		09/26/14	ND	< 0.38	< 0.44	< 0.3	< 0.5	< 0.23	< 0.69	< 0.33	< 0.18
		09/23/15	ND	<0.22	<0.19	<0.21	<0.18	<0.18	<0.20	<0.17	<0.20
		09/13/18	ND	<0.41	<0.67	<0.41	<1.6	<0.39	<0.15	<0.16	<0.20
1755 Hillside Court	-	05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	<0.50
1759 Hillside Court	-	08/18/07	ND	<0.68	<0.46	<0.56	<0.69	ND	<0.46	<0.44	<0.04
1763 Hillside Court	-	08/18/07	ND	<0.68	<0.46	<0.56	<0.69	ND	<0.46	<0.44	<0.04
1769 Hillside Court	302	04/26/01	ND	-	<0.27	-	<0.35	ND	<0.22	<0.36	<0.23
		07/29/02	ND	-	<0.18	-	<0.24	ND	<0.20	<0.13	<0.18
		09/22/03	ND	-	<0.26	-	1.7	ND	<0.23	<0.22	<0.18
		09/22/04	ND	-	<0.18	-	<0.43	ND	<0.34	<0.25	<0.11
		09/27/05	ND	-	<0.28	-	<0.25	ND	<0.25	<0.13	<0.20
		09/26/06	ND	-	<0.17	-	<0.36	ND	<0.19	<0.30	<0.20
		09/20/07	ND	<0.21	<0.15	<0.21	<0.40	ND	<0.20	<0.20	<0.17
		12/03/08	ND	<0.40	<0.22	<0.35	<0.40	ND	<0.37	<0.43	<0.095
		07/08/10	ND	ND	<0.7	ND	<0.47	ND	<0.72	<0.39	<0.19
		08/25/11	ND	<0.21	<0.19	<0.19	<0.40	<0.19	<0.23	<0.25	<0.15
		09/13/12	ND	<0.21	<0.19	<0.19	<0.40	<0.19	<0.23	<0.25	<0.15
		09/30/13	ND	< 0.38	< 0.44	< 0.3	< 0.5	< 0.23	< 0.69	< 0.33	< 0.18
		09/25/14	ND	< 0.38	< 0.44	< 0.3	< 0.5	< 0.23	< 0.69	< 0.33	< 0.18
		09/24/15	ND	<0.22	<0.19	<0.21	<0.18	<0.18	<0.20	<0.17	<0.20
		09/13/18	ND	<0.41	<0.67	<0.41	<1.6	<0.39	<0.15	<0.16	<0.20

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Well ID	WDNR Point ID No.	Date Sampled	Chloroform	cis 1,2-Dichloro-ethene	Dichlorodi-fluoromethane	1,1-Dichloro-ethane	Methylene chloride	Methyl tert-butyl ether (MTBE)	Toluene	Trichloro-ethene (TCE)	Vinyl Chloride
NR 140, Wis. Adm. Code PAL			0.6	7	200	85	0.5	12	160	0.5	0.02
NR 140, Wis. Adm. Code ES			6	70	1000	850	5	60	800	5	0.2
1774 Hillside Court	303	04/26/01	ND	-	<0.27	-	<0.35	ND	<0.22	<0.36	<0.23
		07/29/02	ND	-	<0.18	-	<0.24	ND	<0.17	<0.13	<0.18
		10/14/03	ND	-	<0.26	-	<0.12	ND	<0.14	<0.12	<0.10
		09/22/04	ND	-	<0.18	-	<0.43	ND	<0.34	<0.25	<0.11
		09/27/05	ND	-	<0.28	-	<0.25	ND	<0.25	<0.13	<0.20
		09/26/06	ND	-	<0.17	-	<0.36	ND	<0.19	<0.30	<0.20
		09/20/07	ND	<0.21	<0.15	<0.21	<0.40	ND	<0.20	<0.20	<0.17
		12/02/08	ND	<0.40	<0.22	<0.35	<0.40	ND	<0.37	<0.43	<0.095
		07/08/10	ND	ND	<0.7	ND	<0.47	ND	<0.72	<0.39	<0.19
		08/26/11	ND	<0.20	<0.29	<0.21	<0.48	<0.28	<0.17	<0.17	<0.18
		09/13/12	ND	<0.21	<0.19	<0.19	<0.40	<0.19	<0.23	<0.25	<0.15
		09/30/13	ND	< 0.38	< 0.44	< 0.3	< 0.5	< 0.23	< 0.69	< 0.33	< 0.18
		09/25/14	ND	< 0.38	< 0.44	< 0.3	< 0.5	< 0.23	< 0.69	< 0.33	< 0.18
		09/23/15	ND	<0.22	<0.19	<0.21	<0.18	<0.18	<0.20	<0.17	<0.20
		09/13/18	ND	<0.41	<0.67	<0.41	6.3 L	<0.39	<0.15	<0.16	<0.20
		11/06/18	ND	<0.41	<0.67	<0.41	<1.6	<0.39	<0.15	<0.16	<0.20
2300 Maple Road**		10/03/06	ND	-	<0.17	-	<0.36	0.48 "J"	<0.19	<0.30	<0.20
		09/17/07	ND	<0.21	<0.15	<0.21	<0.40	0.69 "J"	<0.20	<0.20	<0.17
		09/16/08	ND	ND	<0.22	ND	<0.40	0.61 "J"	<0.37	<0.43	<0.095
		09/09/09	ND	ND	<0.22	ND	<0.48	0.48 "J"	<0.17	<0.17	<0.18
		09/01/10	ND	<0.20	<0.22	<0.21	<0.48	0.75 "J"	<0.17	<0.17	<0.18
		09/21/11	ND	<0.20	<0.22	<0.21	<0.48	0.63 "J"	<0.17	<0.17	<0.18
		09/25/12	ND	<0.21	<0.19	<0.19	<0.40	0.71	<0.23	<0.25	<0.15
		09/25/13	ND	<0.1	<0.23	<0.13	<0.40	1.0	<0.16	<0.27	<0.17
		10/06/14	ND	<0.15	<0.23	<0.22	<0.22	0.80	<0.17	<0.15	<0.17
		09/09/15	ND	<0.22	<0.19	<0.21	<0.18	0.83	<0.20	<0.17	<0.20
		09/18/18	ND	<0.41	<0.49	<0.41	<1.6	0.84 "J"	<0.15	<0.16	<0.20
1670 Pleasant Valley Road (Now known as 2128 Valley Ct)	306	04/30/01	ND	-	<0.27	-	<0.35	ND	<0.22	<0.36	<0.23
		07/29/02	ND	-	0.24 "J"	-	<0.24	ND	<0.17	<0.13	<0.18
		10/03/03	ND	-	<0.26	-	<0.12	ND	<0.14	<0.12	<0.10
		09/22/04	ND	-	0.28 "J"	-	<0.43	ND	<0.34	<0.25	<0.11
		09/26/06	ND	-	<0.26	-	<0.30	ND	<0.17	<0.19	<0.17
		09/20/07	ND	<0.21	<0.15	<0.21	<0.40	ND	<0.20	<0.20	<0.17
		12/02/08	ND	ND	<0.30	ND	<0.42	ND	<0.35	<0.40	<0.15
		06/29/09	ND	<0.2	<0.25	<0.15	<0.22	0.23 "J"	<0.72	<0.39	<0.19
		07/08/10	ND	ND	<0.7	ND	<0.47	ND	<0.72	<0.39	<0.19
		08/25/11	ND	<0.21	<0.22	<0.19	<0.40	<0.19	<0.23	<0.15	<0.15
		09/13/12	ND	<0.21	0.39 "J"	<0.19	<0.40	<0.19	<0.23	<0.25	<0.15
		09/27/13	ND	< 0.38	< 0.44	< 0.3	< 0.5	< 0.23	< 0.69	< 0.33	< 0.18
		09/23/14	ND	< 0.38	< 0.44	< 0.3	< 0.5	< 0.23	< 0.69	< 0.33	< 0.18
		09/23/15	ND	<0.22	0.89	<0.21	<0.18	<0.18	<0.20	<0.17	<0.20
		09/13/18	ND	<0.41	<0.67	<0.41	<1.6	<0.39	<0.15	<0.16	<0.20
1710 Pleasant Valley Road	-	05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	<0.50
1754 Pleasant Valley Road	-	08/16/07	ND	<0.68	<0.46	<0.56	<0.69	ND	<0.46	<0.44	<0.04
1770 Pleasant Valley Road	-	08/18/07	ND	<0.68	<0.46	<0.56	<0.69	ND	<0.46	<0.44	<0.04
1786 Pleasant Valley Road	-	05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	<0.50
1794 Pleasant Valley Road	-	08/18/07	ND	<0.68	<0.46	<0.56	<0.69	ND	<0.46	<0.44	<0.04
1965 Tamarack Trail	307	08/16/07	ND	<0.68	<0.46	<0.56	<0.69	ND	<0.46	<0.44	0.086 "J"
		06/05/08	ND	<0.37	<0.30	<0.42	<1.0	0.36 "J"	<0.50	<0.20	<0.20
		12/02/08	ND	<0.39	<0.30	<0.42	<0.42	0.36 "J"	<0.35	<0.40	<0.15
		07/08/10	ND	-	<0.7	-	<0.47	ND	<0.72	<0.39	<0.19
		08/24/11	ND	0.40 "J"	<0.22	0.32 "J"	<0.40	0.38	<0.23	<0.25	<0.15
		09/13/12	ND	0.63 "J"	<0.19	0.32 "J"	<.40	0.30 "J"	<0.23	0.26 "J"	<0.15
		09/27/13	ND	0.54 "J"	< 0.44	0.30 "J"	< 0.5	0.28 "J"	< 0.69	0.34 "J"	< 0.18
		09/26/14	ND	0.58 "J"	< 0.44	0.32 "J"	< 0.5	0.46 "J"	< 0.69	< 0.33	< 0.18
		09/23/15	ND	0.30 "J"	<0.19	0.24 "J"	<0.18	0.34 "J"	<0.20	<0.17	<0.20
		05/31/24	<0.92	0.51 "J"	<1.8	<0.36	<3.6	<0.43	<0.21	<0.15	<0.20
		09/26/25	<0.33	0.50	<0.82	<0.33	<0.41	0.28 "J"	<0.32	<0.37	0.047 "J"
1945 Tamarck Trail	317	4/02/24***	<0.34	2.54	<0.23	3.2	<0.46	<0.29	35	1.41	0.75
		04/23/24	<0.37	2.9	<0.67	3.1	<1.6	<0.39	43	1.2	<0.20
		05/31/24	<0.92	4.2	<1.8	3.8	<3.6	<0.43	7.5	2.3	<0.20
		10/03/24	<0.92	6.4	<1.8	4.1	<3.6	<0.43	<0.21	2.4	0.89 "J"
		10/28/24	<0.92	8.0	<1.8	5.0	<3.6	<0.43	<0.21	2.5	0.87 "J"
2467 Prairie View Lane	-	08/18/07	ND	<0.68	<0.46	<0.56	<0.69	ND	<0.46	<0.44	<0.04

Table 4: In-Use Residential Water Supply Wells Volatile Organic Compound Laboratory Results, Denow Landfill, Grafton, Wisconsin

Well ID	WDNR Point ID No.	Date Sampled	Table 1: Volatile Organic Compounds and Esters, Ketones, Aldehydes, Acids, Alcohols, Amines, Ethers, and Other								
			Chloroform	cis 1,2-Dichloro-ethene	Dichlorodi-fluoromethane	1,1-Dichloro-ethane	Methylene chloride	Methyl tert-butyl ether (MTBE)	Toluene	Trichloro-ethene (TCE)	Vinyl Chloride
NR 140, Wis. Adm. Code PAL			0.6	7	200	85	0.5	12	160	0.5	0.02
NR 140, Wis. Adm. Code ES			6	70	1000	850	5	60	800	5	0.2
2475 Prairie View Lane	-	08/18/07	ND	<0.68	<0.46	<0.56	<0.69	ND	<0.46	<0.44	<0.04
2478 Prairie View Lane	-	05/04/07	ND	ND	<0.50	ND	<0.50	ND	<0.50	<0.50	<0.50

Notes: Only analyte concentrations detected above the limit of quantification or respective PAL are reported on this table.

All samples from May 4, 2007 were collected by USEPA personnel.

The complete list of volatile organic compound analysis is included on the laboratory-provided data disk that is submitted annually to the WDNR

NE = not established

- = not analyzed

ND = analyte not detected

* = duplicate sample

** = collected as part of Pleasant Valley Landfill longterm

groundwater monitoring program

*** = sample collected by Goth Water Wells Inc and laboratory analysis provided by Water Diagnostics using USEPA Method 524.2

XXX = exceeds Chapter NR 140, Wisconsin Administrative Code (NR 140, Wis. Adm. Code) preventive action limit (PAL)

XXX = exceeds NR 140, Wis. Adm. Code enforcement limit (ES)

"J" = analyte detected between Limit of Detection and Limit of Quantification

"B" = compound found in blank and sample

L = probable laboratory contaminant

^c = CCV Recovery is outside acceptance limits

Table 5: Groundwater Monitoring Well Volatile Organic Compound Laboratory Results, Denow Landfill, Grafton, Wisconsin

Well Screen Interval in feet above sea level	Groundwater Elevation in feet above mean sea level	Well ID	Date Sampled	Relevant and Significant Volatile Organic Compounds (micrograms per liter)						
				1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloro-ethene	Trichloro-ethene (TCE)	Vinyl Chloride
		NR 140, Wis. Adm. Code PAL		0.7	7	20	0.5	0.5	0.5	0.02
NR 140, Wis. Adm. Code ES		7	70	100	5	5	5	0.2		
LANDFILL MONITORING WELLS										
781.5-791.5	786.40	MW-1S	11/04/98	<0.36	<0.34	<0.46	<0.26	<0.31	<0.61	<0.32
	786.15		12/15/98	<0.36	<0.34	<0.46	4.8	<0.56	<0.39	<0.32
	788.18		04/25/01	<0.36	<1	<0.23	<0.35	<0.25	<0.36	<0.23
	787.74		07/29/02	<0.33	<0.20	<0.38	<0.24	<0.16	0.25"J"	<0.20
	785.29		03/18/03	<0.17	<0.22	<0.16	<0.12	<0.17	0.23 "J"	<0.10
	784.60		09/19/03	<0.17	<0.22	<0.16	<0.12	<0.17	<0.12	<0.10
	785.12		03/29/04	<0.41	<0.40	<0.35	<0.43	<0.31	8.1	<0.11
	787.30		09/21/04	<0.41	<0.40	<0.35	<0.43	<0.31	3.5	<0.11
	787.09		03/22/05	<0.41	<0.40	<0.35	<0.43	<0.31	3.8	<0.11
	785.45		09/26/05	<0.20	<0.18	<0.18	<0.25	2.2	<0.19	<0.20
	785.50		03/29/06	<0.19	<0.20	<0.17	<0.18	<0.18	17	<0.17
	786.03		09/26/06	<0.15	<0.19	<0.17	<0.36	<0.16	11	<0.20
	787.39		03/21/07	<0.24	<0.21	<0.22	<0.40	<0.21	16	<0.17
	788.08		09/19/07	<0.24	<0.21	<0.22	<0.40	<0.21	7.4	<0.17
	-		06/11/08	<0.50	<0.50	<0.50	<0.50	<0.50	4.2	<0.20
	787.26		12/02/08	<0.24	<0.21	<0.22	<0.40	<0.21	3.6	<0.17
	788.26		06/29/09	<0.21	<0.20	<0.26	<0.48	<0.21	3.5	<0.18
	788.03		06/30/10	<0.7	<0.78	<1.3	<0.47	<0.43	1.72	0.22 "J"
	787.61		08/23/11	<0.21	<0.20	<0.26	<0.48	<0.21	3.20	<0.18
	785.94		09/11/12	<0.21	<0.20	<0.26	<0.48	<0.21	1.20	<0.18
	787.16		09/26/13	< 0.4	< 0.38	< 0.35	< 0.5	< 0.33	1.26	< 0.18
	787.05		09/24/14	<0.4	<0.38	<0.35	<0.5	<0.33	1.63	<0.18
	786.77		09/23/15	<0.27	<0.26	<0.27	<0.23	<0.27	2.36	<0.20
	788.31		09/11/18	<0.39	<0.41	<0.35	<1.6	<0.37	0.96	<0.20
	786.12		09/24/19	<0.39	<0.41	<0.35	7.6 L	<0.37	0.48 "J"	<0.20
	787.98		09/23/20	<0.39	<0.41	<0.35	3.5 "J" L	<0.37	0.59	<0.20
	787.01		09/23/21	<0.39	<0.41	<0.35	<1.6	<0.37	0.30	<0.21
	787.03		09/28/22	<0.39	<0.41	<0.35	<1.6	<0.37	0.48 "J"	<0.21
	787.51		10/01/24	<0.48	<0.42	<0.44	<3.6	<0.39	0.49 "J"	<0.20
	787.96		09/24/25	<0.48	<0.42	<0.44	<3.7	<0.39	0.42 "J"	<0.20
738.7-743.7		MW-1D	11/11/98	<0.36	<0.34	<0.46	<0.26	<0.56	<0.39	<0.32
	786.28		12/15/98	<0.36	<0.34	<0.46	5.5	<0.56	<0.39	<0.32
	788.19		04/25/01	<0.36	<1	<0.23	<0.35	<0.25	<0.36	<0.23
	787.75		07/29/02	<0.33	<0.20	<0.38	<0.24	<0.16	<0.17	<0.20
	785.27		03/18/03	<0.17	0.26 "J"	<0.16	<0.12	<0.17	<0.12	<0.10
	784.61		09/19/03	<0.17	<0.22	<0.16	<0.12	<0.17	<0.12	0.19 "J"
	785.12		03/29/04	<0.41	<0.40	<0.35	<0.43	<0.31	<0.25	<0.11
	787.31		09/21/04	<0.41	<0.40	<0.35	<0.43	<0.31	<0.25	<0.11
	787.07		03/22/05	<0.41	<0.40	<0.35	<0.43	<0.31	<0.25	<0.11
	785.45		09/26/05	<0.20	<0.18	<0.18	<0.25	<0.16	<0.19	<0.20
	785.48		03/29/06	<0.19	<0.20	<0.17	<0.18	<0.18	<0.21	<0.17
	786.02		09/26/06	<0.15	<0.19	<0.17	<0.36	<0.16	<0.30	<0.20
	787.37		03/21/07	<0.24	<0.21	<0.22	<0.40	<0.21	<0.20	<0.17
	788.10		09/19/07	<0.24	<0.21	<0.22	<0.40	<0.21	<0.20	<0.17
	-		06/11/08	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20
	787.24		12/02/08	<0.24	<0.21	<0.22	<0.40	<0.21	<0.21	<0.17
	788.04		06/29/09	<0.21	<0.20	<0.26	<0.48	<0.21	<0.17	<0.18
	787.99		06/30/10	<0.7	<0.78	<1.3	<0.47	<0.43	<0.39	<0.19
	787.52		08/23/11	<0.21	<0.20	<0.26	<0.48	<0.21	<0.17	<0.18
	785.92		09/11/12	<0.21	<0.20	<0.26	<0.48	<0.21	<0.17	<0.18
	787.14		09/26/13	< 0.4	< 0.38	< 0.35	< 0.5	< 0.33	< 0.33	< 0.18
	787.00		09/24/14	<0.4	<0.38	<0.35	<0.5	<0.33	<0.33	<0.18
	786.36		09/23/15	<0.27	<0.26	<0.27	<0.23	<0.27	<0.18	<0.20
	788.28		09/11/18	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	786.11		09/24/19	<0.39	<0.41	<0.35	7.3 L	<0.37	<0.16	<0.20
	787.93		09/23/20	<0.39	<0.41	<0.35	6.1 L	<0.37	<0.16	<0.20
	786.96		09/23/21	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	786.91		09/28/22	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	787.49		10/01/24	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	<0.20
	787.83		09/24/25	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	<0.20
709.1-714.1	787.60	MW -1B	07/29/02	<0.33	0.98	<0.38	<0.24	<0.16	1.5	0.44"J"
	785.18		03/18/03	<0.17	1.4	<0.16	<0.12	<0.17	4.0	0.51
	784.50		09/19/03	<0.17	1.4	<0.16	<0.12	<0.17	4.0	0.44
	785.03		03/29/04	<0.41	1.6	<0.35	<0.43	<0.31	4.5	0.66
	787.17		09/21/04	<0.41	1.0 "J"	<0.35	<0.43	<0.31	3.5	<0.11
	786.92		03/22/05	<0.41	1.6	<0.35	<0.43	<0.31	3.9	0.42
	785.27		09/26/05	<0.20	0.89	<0.18	<0.25	2.4	<0.19	<0.20
	785.34		03/29/06	<0.15	2.0	<0.17	<0.36	<0.16	4.2	0.37 "J"
	785.86		09/26/06	<0.15	1.9	<0.17	<0.36	<0.16	2.3	0.29 "J"
	787.27		03/21/07	<0.24	2.8	<0.22	<0.40	1.9	<0.20	0.23 "J"
	787.98		09/19/07	<0.24	2.6	<0.22	<0.40	0.21	0.71	<0.17
	-		06/11/08	<0.50	3.6	<0.50	<0.50	<0.50	0.45 "J"	<0.20
	787.16		12/02/08	<0.24	2.3	<0.22	<0.40	<0.21	0.25 "J"	<0.17
	787.95		06/29/09	<0.21	2.3	<0.26	<0.48	<0.21	0.32 "J"	<0.18
	787.87		06/30/10	<0.7	2.95	<1.3	<0.47	<0.43	<0.39	<0.19
	787.44		08/23/11	<0.21	1.3	<0.26	<0.48	<0.21	<0.17	<0.18
	785.79		09/11/12	<0.21	1.3	<0.26	<0.48	<0.21	0.21 "J"	<0.18
	787.03		09/26/13	< 0.4	3.12	< 0.35	< 0.5	< 0.33	< 0.33	< 0.18
	786.91		09/24/14	<0.4	2.79	<0.35	<0.5	<0.33	<0.33	<0.18
	786.28		09/23/15	<0.27	0.721 "J"	<0.27	<0.23	<0.27	<0.18	<0.20
	788.23		09/11/18	<0.39	1.40	<0.35	<1.6	<0.37	<0.16	<0.20
	786.05		09/24/19	<0.39	0.92 "J"	<0.35	7.9 L	<0.37	<0.16	<0.20
	787.90		09/23/20	<0.39	<0.41	<0.36	6.4 L	<0.37	<0.16	<0.20
	786.91		09/23/21	<0.39	0.47	<0.36	<1.6	<0.37	<0.16	<0.20
	786.94		09/28/22	<0.39	<0.41	<0.36	<1.6	<0.37	<0.16	<0.20
	787.37		10/01/24	<0.48	1.1	<0.44	<3.6	<0.39	<0.15	<0.20
	787.72		09/24/25	<0.48	1.3	<0.44	<3.6	<0.39	<0.15	<0.20
779.7-789.7		MW-2S	11/11/98	<0.36	<0.34	<0.46	<0.26	19	48	<0.32
	786.29		12/15/98	<0.36	32	1.1"J"	<1	16	30	<0.32

Table 5: Groundwater Monitoring Well Volatile Organic Compound Laboratory Results, Denow Landfill, Grafton, Wisconsin

Well Screen Interval in feet above sea level	Groundwater Elevation in feet above mean sea level	Well ID	Date Sampled	Relevant and Significant Volatile Organic Compounds (micograms per liter)							
				1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloroethene	Trichloroethene (TCE)	Vinyl Chloride	
		NR 140, Wis. Adm. Code PAL		0.7	7	20	0.5	0.5	0.5	0.02	
		NR 140, Wis. Adm. Code ES		7	70	100	5	5	5	0.2	
	785.82	MW-2S Continued	03/28/22	<0.39	4.3	<0.35	<1.6	11	14	<0.20	
	787.92		09/28/22	<0.39	4.4	<0.35	<1.6	16	19	<0.20	
	788.27		03/30/23	<0.39	0.6	<0.35	<1.6	4.8	4.2	<0.20	
	788.26		03/28/24	<0.39	3.0	<0.35	<1.6	7.5	8	<0.20	
	787.46		10/01/24	<0.48	2.2	<0.44	<3.6	7.0	8.1	<0.20	
	786.61		03/19/25	<0.48	8.0	<0.44	<3.6	15.0	15	<0.20	
	787.83		09/24/25	<0.48	5.2	<0.44	<3.6	14.0	15	<0.20	
762.4-767.4	-	MW-2D	12/30/98	<0.36	38	1"J"	<1	6.3	39	0.88"J"	
			02/08/99	<0.36	45	1.3"J"	<1	15	59	2.2	
	786.87		03/28/22	<0.39	66	<0.35	<1.6	7.4	31	1.0	
	787.95		09/28/22	<0.39	47	1.7	<1.6	8.7	31	0.87"J"	
	789.05		03/30/23	<0.39	59	2.3	<1.6	8.8	39	0.72	
	789.27		03/28/24	<0.39	33	1.5	<1.6	5.7	21	0.37"J"	
	788.48		10/01/24	<0.48	76	2.5	<3.6	6.6	35	3.3	
	787.61		03/19/25	0.77"J"	52	1.9	<3.6	6.8	24	1.2	
	788.93		09/24/25	<0.48	53	2.2	<3.6	7.9	29	0.73"J"	
779.6-789.6	-	MW-3S	11/04/98	<0.36	19	<0.46	<0.26	2.8	14	<0.25	
	786.27		12/15/98	<0.36	9.2	<0.46	2.2"J"	2.8	8.1	0.81"J"	
	787.95		04/25/01	<0.36	1.6"J"	<0.23	<0.35	0.78"J"	1.2"J"	<0.23	
	787.56		07/29/02	<0.33	1.9	<0.38	<0.24	0.77	1.6	<0.20	
	785.03		03/18/03	<0.17	5.7	<0.16	<0.12	1.3	3.9	0.35	
	784.37		09/19/03	<0.17	3.7	<0.16	<0.12	1.4	4.2	0.59"J"	
	784.89		03/29/04	<0.41	7.2	<0.35	<0.43	1.8	6.5	<0.11	
	787.04		09/21/04	<0.41	4.5	<0.35	<0.43	1.7	5.3	<0.11	
	786.11		03/22/05	<0.41	2.9	<0.35	<0.43	1.1	3.3	<0.11	
	785.11		09/26/05	<0.20	5.7	<0.18	<0.25	2.1	7.0	1.1	
	785.14		03/29/06	<0.15	4.5	<0.17	<0.36	1.6	4.5	0.53"J"	
	785.67		09/26/06	<0.14	5.2	<0.21	<0.30	2.7	<0.19	<0.17	
	787.00		03/21/07	<0.24	1.4	<0.22	<0.40	1.7	3.4	<0.17	
	787.69		09/19/07	<0.24	0.40"J"	<0.22	<0.40	2.4	2.9	<0.17	
	-		06/03/08	<0.50	0.82"J"	<0.50	<1.0	<0.50	1.3	<0.20	
	786.89		12/02/08	<0.24	1.4	<0.22	<0.40	0.63"J"	1.8	<0.17	
	787.61		06/29/09	<0.21	2.0	<0.26	<0.48	0.39"J"	1.5	<0.18	
	787.62		06/30/10	<0.7	<0.78	<1.3	<0.47	1.02"J"	1.39	<0.19	
	787.24		08/23/11	<0.20	0.96	<0.19	<0.40	0.76	1.7	<0.15	
	785.56		09/12/12	<0.21	2.0	<0.26	<0.48	1.2	3.4	<0.18	
	786.73		09/26/13	< 0.4	1.06"J"	< 0.35	< 0.5	0.39"J"	1.61	< 0.18	
	786.64		09/25/14	<0.4	1.19"J"	2.83	<0.5	0.77"J"	2.02	<0.18	
	785.27		09/22/15	<0.27	1.07"J"	<0.27	<0.23	1.32	2.64	<0.20	
	786.61		03/27/18	<0.39	0.70"J"	<0.35	<1.6	0.50"J"	1.3	<0.20	
	787.73		09/11/18	<0.30	<0.41	<0.35	<1.6	0.55"J"	0.54	<0.20	
	788.10		03/27/19	<0.30	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20	
	785.89		09/25/19	<0.39	0.79"J"	<0.35	<1.6	0.64"J"	0.92	<0.20	
	787.98		03/11/20	<0.30	<0.41	<0.35	<1.6	0.53"J"	<0.16	<0.20	
	787.75		09/24/20	<0.30	0.97"J"	<0.35	6.1 L	<0.37	0.65	<0.20	
	787.94		03/23/21	<0.30	<0.41	<0.35	<1.6	0.67"J"	<0.16	<0.20	
	786.70		09/23/21	<0.30	1.20	<0.35	<1.7	0.57	0.94	<0.20	
	785.63		03/28/22	<0.39	<0.41	<0.35	<1.6	0.87"J"	0.54	<0.20	
	789.71		09/28/22	<0.24	1.2	<0.22	<0.40	0.82"J"	2.6	<0.20	
	787.92		03/30/23	<0.30	<0.41	<0.35	<1.6	0.67	0.34	<0.20	
	788.07		03/28/24	<0.39	<0.41	<0.35	<1.6	1.2	0.38"J"	<0.20	
	787.14		10/01/24	<0.48	2.3	<0.44	<3.6	1.3	1.4	<0.20	
	786.36		03/19/25	<0.48	1.6	<0.44	<3.6	<0.39	0.68	<0.20	
	787.62		09/25/25	<0.48	2.4	<0.44	<3.6	<0.39	0.83	<0.20	
728.7-733.7	-	MW-3D	12/30/98	<0.36	72	8.30	<1	<0.56	0.9"J"	73	
	-		02/08/99	<0.36	73	7.00	<1	<0.56	1.3"J"	120	
	788.04		04/26/01	0.61"J"	16	7.40	<0.35	<0.25	0.63"J"	140	
	-		* 04/26/01	0.57"J"	16	7.20	<0.35	<0.25	0.51"J"	140	
	787.66		07/29/02	<0.33	16	5.60	<0.24	<0.16	0.54"J"	100	
	785.19		03/18/03	<0.33	16	5.0"J"	<0.24	<0.17	<0.12	89	
	784.47		09/19/03	<0.26	16	4.10	<0.12	<0.17	0.50"J"	74	
	785.07		03/29/04	<0.41	16	4.2"J"	<0.43	<1.6	<0.25	70	
	787.22		09/21/04	<2.1	22	4.0"J"	<2.1	<1.5	<1.2	65	
	786.98		03/22/05	<2.1	19	4.8"J"	<2.1	<1.5	<1.2	100	
	785.39		09/26/05	<0.20	17	4.20	<0.25	<0.16	<0.19	86	
	785.42		03/29/06	<0.96	16	4.10	<0.92	<0.90	<1.1	95	
	785.94		09/26/06	<0.15	7.0	2.6	<0.36	<0.16	0.60"J"	5.1	
	787.29		03/21/07	<0.24	9.9	3.1	<0.40	0.47"J"	<0.20	85	
	787.99		09/19/07	<0.24	31	3.4	<0.40	<0.21	0.34"J"	68	
	-		06/03/08	0.62"J"	94	0.62"J"	<1.0	<0.50	0.36"J"	100	
	787.21		12/02/08	<1.2	42	3.3"J"	<2.0	<1.1	<0.99	26	
	787.95		06/29/09	<1.0	76	5.80	<2.4	<1.0	<0.84	53	
	-		06/29/09	<2.1	76	5.6"J"	<4.8	<2.1	<1.7	54	
	787.94		06/30/10	<0.7	17.9	3.13"J"	<0.47	<0.43	<0.39	<0.19	
	787.51		08/23/11	<0.40	22	3.30	<0.80	<0.29	<0.50	<0.30	
	787.02		11/22/11	0.35"J"	59	3.80	<0.48	<0.21	0.72	20	
	787.17		02/22/12	<0.83	41	2.9"J"	<1.9	<0.82	<0.67	0.81	
	787.98		05/21/12	0.42"J"	65	4.2	<0.80	<0.29	<0.50	38	
	785.84		09/12/12	<1.0	60	4.6	<2.4	<1.0	1.1"J"	29	
	785.84		* 09/12/12	<1.0	59	3.9	<2.0	<0.73	<1.2	27	
	784.89		12/19/12	<1.0	48	3.5	<2.0	<0.73	<1.2	12	
	786.67		03/21/13	<1.4	32	3.0"J"	<2.0	<1.1	<1.4	<0.83	
	788.14		06/25/13	<1.2	41	3.8"J"	<1.6	<0.86	<1.1	<0.66	
	787.08		09/26/13	< 0.4	44	3.7	< 0.5	< 0.33	0.40"J"	7.2	
	786.98		09/25/14	<0.4	29.5	2.83	<0.5	<0.33	0.49"J"	0.57	
	786.04		09/22/15	<0.27	20.1	1.69"J"	<0.23	<0.27	<0.36	<0.20	
	787.12		03/27/18	<0.39	17	1.8	<1.6	<0.37	0.36"J"	9.7	
	788.26		09/11/18	<0.39	52	3.4	<1.6	<0.37	0.34"J"	46	

Table 5: Groundwater Monitoring Well Volatile Organic Compound Laboratory Results, Denow Landfill, Grafton, Wisconsin

Well Screen Interval in feet above sea level	Groundwater Elevation in feet above mean sea level	Well ID	Date Sampled	Relevant and Significant Volatile Organic Compounds (micograms per liter)						
				1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloro-ethene	Trichloro-ethene (TCE)	Vinyl Chloride
		NR 140, Wis. Adm. Code PAL		0.7	7	20	0.5	0.5	0.5	0.02
NR 140, Wis. Adm. Code ES		7	70	100	5	5	5	0.2		
	788.21	MW-3D Continued	03/27/19	<0.39	45	2.9	<1.6	<0.37	<0.16	8
	786.01		09/25/19	<0.39	37	2.3	<1.6	<0.37	0.29 "J"	0.64 "J"
	787.13		03/11/20	<0.39	42	2.2	<1.6	<0.37	0.22 "J"	<0.20
	787.88		09/24/20	<0.39	69	2.9	6.3 L	<0.37	<0.16	8.2
	788.05		03/23/21	<0.39	48	2.1	<1.6	<0.37	0.24 "J"	4.4
	786.84		09/23/21	<0.39	32	1.7	<1.6	<0.37	0.27	<0.20
	785.65		03/28/22	4.1	32	1.4	<1.6	<0.37	0.17 "J"	0.25 "J"
	786.92		09/28/22	<0.39	38	2.0	<1.6	<0.37	0.32 "J"	0.62 "J"
	788.01		03/30/23	<0.39	58	3.0	<1.6	<0.37	<0.16	28
	788.24		03/28/24	<0.39	28	1.2	<1.6	<0.37	<0.16	0.54 "J"
	787.30		10/01/24	<0.48	25	1.4	<3.6	<0.39	<0.15	<0.20
	786.54		03/19/25	<0.48	45	2.2	<3.6	<0.39	0.17 "J"	14
	787.79		09/25/25	<0.48	32	1.9	<3.6	<0.39	<0.15	1.4
704.2-709.2	-	MW-3B1	06/04/08	2		2.00	<0.50	<0.50	0.96	150
	-		12/02/08	1.7	220	6.50	<0.40	<0.21	0.8	140
	-		* 12/02/08	<2.4	220	4.3 "J"	<4.0	<2.1	<2.0	130
	787.34		06/29/09	<2.1	300	8.6 "J"	<4.8	<2.1	<1.7	10
	787.34		06/30/10	<0.7	670	19.5 "J"	<0.47	<0.43	1.72	308
	786.96		08/23/11	<5.0	790	29.00	<10	<3.7	<6.2	570
	-		11/22/11	<17	610	<21	<38	<16	<13	320
	-		* 11/22/11	<17	710	23 "J"	<38	<16	<13	390
	786.59		02/22/12	<10	820	<9.1	<24	<10	<8.4	620
	787.28		05/21/12	<16	960	36 "J"	<32	<12	<20	650
	785.15		09/12/12	<10	820	30 "J"	<24	<10	<8.4	430
	785.15		* 09/12/12	<10	760	25 "J"	<20	<7.3	<12	460
	784.15		12/19/12	<16	860	26 "J"	<32	<12	<20	520
	786.00		03/21/13	<23	670	27 "J"	<32	<17	<22	420
	787.42		06/25/13	<23	950	33 "J"	<32	<17	<22	600
	787.42		* 06/25/13	<23	910	28 "J"	<32	<17	<22	560
	786.30		09/26/13	4.0 "J"	750	23.5	< 5.0	< 3.3	< 3.3	560
	786.15		09/25/14	5.3 "J"	970	18.8	<5.0	<3.3	<3.3	380
	786.15		* 09/25/14	6.2 "J"	740	22.7	<5.0	<3.3	<3.3	410
	785.19		09/22/15	<14	663	17.6 "J"	<12	<13	<9.1	440
	785.19		* 09/22/15	<14	750	19 "J"	<12	<13	<9.1	500
	786.35		03/27/18	3.2	420	4.1	<1.6	<0.37	<0.16	430
	787.53		09/11/18	3.8	580	14.0	<1.6	<0.37	0.17 "J"	480
	787.57		03/27/19	2.7	500	14.0	<1.6	<0.37	0.20 "J"	170
	787.22		09/25/19	3.7	520	13.0	<1.6	<0.37	0.18 "J"	360
	787.50		03/11/20	3.4	640	12.0	<1.6	<0.37	<0.16	390
	787.12		09/24/20	4.3	630	15.0	<1.7	<0.37	<0.16	380
	787.26		03/23/21	3.3	450	11.0	<1.6	<0.37	0.17 "J"	340
	786.05		09/23/21	4.6	570	14.0	<1.6	<0.37	0.21	390
	784.91		03/28/22	2.6	310	4.6	<1.6	<0.39	<0.16	200
	785.89		09/28/22	<0.39	39	0.59 "J"	<1.6	<0.39	<0.16	28
	785.89		* 09/28/22	<0.39	39	0.65 "J"	<1.6	<0.39	0.17 "J"	29
	787.30		03/30/23	3.1	430	4.2	<1.6	<0.39	0.25	280
	787.19		03/28/24	<0.39	28	<0.35	<1.6	<0.37	<0.16	14
	787.19		* 03/28/24	<0.39	27	<0.35	2.1 "J B"	<0.37	<0.16	13
	786.29		10/01/24	<0.48	18	<0.44	<3.6	<0.39	<0.15	11
	785.69		03/19/25	<0.48	12	0.91 "J"	<3.6	<0.39	<0.15	44
	786.59		09/25/25	3.0 "J"	390	4.3 "J"	<18	<1.9	<0.74	250
667.3-672.3	-	MW-3B2	06/04/08	<0.50	4.9	<0.50	<1.0	<0.50	<0.20	4
	-		12/02/08	<0.24	8.9	3.90	<0.40	<0.21	0.54 "J"	40
	786.88		06/29/09	<0.21	2.8	<0.26	<0.48	<0.21	1.6	<0.18
	786.73		06/30/10	<0.7	6.2	1.82 "J"	<0.47	<0.43	<0.39	21.3
	786.32		08/23/11	<0.2	15	1.90	<0.40	<0.15	<0.25	32
	785.98		11/22/11	<1.0	36	1.5 "J"	<2.4	<1.0	<0.84	50
	786.09		02/22/12	<0.83	20	2.4 "J"	<1.9	<0.82	<0.67	52
	786.62		05/21/12	<0.50	47	1.6 "J"	<1.0	<0.37	<0.62	60
	786.62		* 05/21/12	0.45 "J"	48	1.50	<0.40	<0.15	<0.25	58
	784.55		09/12/12	1.1	65	2.60	<0.48	<0.21	<0.17	63
	783.60		12/19/12	<1.0	61	2.4 "J"	<2.0	<0.73	<1.2	54
	785.52		03/21/13	<1.4	31	2.3 "J"	<2.0	<1.1	<1.4	51
	786.97		06/25/13	<0.58	17	1.9 "J"	<0.80	<0.43	<0.55	9.4
	785.77		09/26/13	1.4	146	3.09	< 0.5	< 0.33	< 0.33	118
	785.67		09/25/14	1.76	230	5.60	<0.5	<0.33	0.41 "J"	161
	785.14		09/22/15	<1.4	89	2.51 "J"	<1.2	<1.3	<0.91	3.52
	785.96		03/27/18	2.90	390	5.1	<1.6	<0.37	0.30 "J"	250
	785.96		* 03/27/18	3.7	410	6.6	<1.6	<0.37	0.32 "J"	280
	787.14		09/11/18	2.3	330	4.8	<1.6	<0.37	0.24 "J"	240
	787.14		* 09/11/18	2.1	280	4.0	<1.6	<0.37	<0.16	230
	787.22		03/27/19	<0.39	170	2.5	<1.6	<0.37	<0.16	36
	786.88		* 09/25/19	1.4	190	3.3	<1.6	<0.37	<0.16	130
	786.88		09/25/19	1.3	190	3.4	<1.6	<0.37	<0.16	98
	787.19		* 03/11/20	0.45 "J"	53	1.9	<1.6	<0.37	<0.16	37
	787.19		03/11/20	0.47 "J"	69	2.4	<1.6	<0.37	<0.16	49
	786.75		* 09/24/20	1.6	190	3.8	4.6 "J B" L	<0.37	0.23 "J"	150
	786.75		09/24/20	1.8	210	4.1	4.7 "J B" L	<0.37	0.29 "J"	160
	786.93		* 03/23/21	1.5	200	3.2	<1.6	<0.37	0.22 "J"	150
	786.93		03/23/21	1.7	190	3.7	<1.6	<0.37	0.24 "J"	160
	785.42		09/23/21	2.8	340	4.2	<1.6	<0.37	0.24	220
	784.91		03/28/22	3.9	700	13.0	<1.6	<0.37	<0.16	500
	785.95		09/28/22	5.1	720	17.0	<1.6	<0.37	<0.16	520
	785.81		03/30/23	3.7	600	11.0	<1.6	<0.37	<0.16	380
	787.28		03/28/24	4.0	540	12.0	2.1 "J B"	<0.37	<0.16	320
	786.37		10/01/24	3.1	390	9.2	<3.6	<0.39	<0.15	310
	786.37		* 10/01/24	3.5	480	8.7	<3.6	<0.39	<0.15	300
	785.68		03/19/25	3.6	450	11.0	<3.6	<0.39	<0.15	380
	785.68		* 03/19/25	3.9	460	11.0	<3.6	<0.39	<0.15	380

Table 5: Groundwater Monitoring Well Volatile Organic Compound Laboratory Results, Denow Landfill, Grafton, Wisconsin

Well Screen Interval in feet above sea level	Groundwater Elevation in feet above mean sea level	Well ID	Date Sampled	Relevant and Significant Volatile Organic Compounds (micrograms per liter)						
				1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloro-ethene	Trichloro-ethene (TCE)	Vinyl Chloride
		NR 140, Wis. Adm. Code PAL		0.7	7	20	0.5	0.5	0.5	0.02
		NR 140, Wis. Adm. Code ES		7	70	100	5	5	5	0.2
	784.47	MW-3B2 Continued *	09/25/25 09/25/25	3.7 4.2	500 530	12.0 12.0	<3.6 <3.6	<0.39 <0.39	<0.15 <0.15	440 230
786.5-796.5	- 787.64 796.56 793.06 788.79 790.37 790.34 792.84	MW-4S	11/11/98 12/15/98 04/25/01 08/23/11 09/12/12 09/26/13 09/25/14 09/23/15	<0.36 <0.36 <0.36 <0.21 <0.21 < 0.4 <0.4 <0.27	<0.34 <0.34 <1 <0.20 <0.20 < 0.38 <0.38 <0.26	<0.46 <0.46 <0.23 <0.26 <0.26 < 0.35 <0.35 <0.27	<0.26 1.5 "J" <0.35 <0.48 <0.48 < 0.5 <0.5 <0.23	<0.56 <0.56 <0.25 <0.25 <0.21 < 0.33 <0.33 <0.27	<0.39 <0.39 <0.36 <0.17 <0.17 < 0.33 <0.33 <0.18	<0.32 <0.32 <0.23 <0.18 <0.18 < 0.18 <0.18 <0.20
734.8-739.8	- 786.26 788.16 787.60 787.25 785.94 786.76 787.16 - 788.30 788.04 787.97 787.01 786.99 787.50 787.87	MW-4D	11/11/98 12/15/98 04/25/01 08/23/11 02/22/12 09/11/12 03/21/13 09/26/13 03/25/14 09/11/18 09/25/19 09/24/20 09/22/21 09/28/22 10/01/24 09/24/25	<0.36 <0.36 <0.36 <0.21 <0.21 <0.21 <0.29 < 0.4 <0.4 <0.39 <0.39 <0.39 <0.39 <0.39 <0.48 <0.48	1.5 1.8 1.9"J" 2.6 2.3 2.0 3.0 2.55 2.9 2 1.4 0.75 "J" 0.88 0.91 "J" 0.51 "J" <0.42	<0.46 <0.46 0.36"J" <0.26 0.29 <0.26 <0.32 < 0.35 <0.35 <0.35 <0.35 0.75 "J" 0.88 0.91 "J" 0.51 "J" <0.42	<0.26 4.9 <0.35 <0.48 <0.48 <0.48 <0.40 < 0.5 <0.5 <1.6 <1.6 4.5 "JB" L <1.6 <0.35 <3.6 <3.6	<0.56 <0.56 <0.25 <0.21 <0.21 <0.21 <0.22 < 0.33 <0.33 <0.37 <0.37 <0.37 <0.37 <0.37 0.34 0.34 "J" 0.21 "J" <0.15	<0.39 <0.39 <0.36 0.71 0.57 "J" 0.65 0.53 "J" 0.48 "J" 0.68"J" 0.35 "J" 0.18 "J" <0.16 <0.16 0.34 0.34 "J" 0.21 "J" <0.15	<0.32 <0.32 <0.23 <0.18 <0.18 0.67 0.32 "J" <0.18 <0.20 <0.20 <0.20 <0.20 <0.20 <0.20 <0.20 <0.20
785.5-795.5	- 794.55 795.94 - 794.63 785.92	MW-5S	11/11/98 12/15/98 04/25/01 06/11/08 08/23/11 09/22/15	<0.36 <0.36 <0.36 <0.50 <0.21 <0.27	<0.34 <0.34 <1 <0.50 <0.20 <0.26	<0.46 <0.46 <0.23 <0.50 <0.26 <0.27	<0.26 9.4 <0.35 <1.0 <0.48 <0.23	<0.56 <0.56 <0.25 <0.50 <0.21 <0.27	<0.39 <0.39 <0.36 <0.20 <0.17 <0.18	<0.32 <0.32 <0.23 <0.20 <0.18 <0.20
739.8-749.8	- - 781.84 785.30 783.24 780.41 780.00 780.93 782.53 783.10 780.55 781.36 781.41 785.34 785.43 - 782.61 784.29 784.48 783.44 781.12 782.50 782.24 781.70 782.35	MW-5D *	11/11/98 11/11/98 12/15/98 04/25/01 07/29/02 03/18/03 09/19/03 03/29/04 09/21/04 03/22/05 09/26/05 03/29/06 09/26/06 03/21/07 09/19/07 06/10/08 12/02/08 06/29/09 06/30/10 08/23/11 09/11/12 09/26/13 09/24/14 09/22/15 09/29/22	<0.36 <0.36 <0.36 <0.36 <0.33 <0.17 <0.17 <0.41 <0.41 <0.41 <0.20 <0.19 <0.15 <0.24 <0.24 <0.20 <0.24 <0.21 <0.7 <0.21 <0.21 < 0.4 <0.4 <0.27 <0.39	<0.34 <0.45 <0.34 <1 <0.20 <0.22 <0.22 <0.40 <0.40 <0.40 <0.18 <0.20 <0.19 <0.21 <0.21 <0.50 <0.21 <0.20 <0.78 <0.20 <0.20 < 0.38 <0.38 <0.26 <0.41	<0.46 <0.26 <0.46 <0.23 <0.38 <0.16 <0.16 <0.35 <0.35 <0.35 <0.18 <0.17 <0.17 <0.22 <0.40 <0.50 <0.22 <0.26 <1.3 <0.26 <0.26 < 0.35 <0.35 <0.27 <0.35	<0.26 <0.26 <1 <0.35 <0.24 <0.12 <0.12 <0.43 <0.43 <0.43 <0.25 <0.18 <0.36 <0.40 <0.40 <1.0 <0.40 <0.48 <0.47 <0.48 <0.48 < 0.5 <0.5 <0.23 <1.6	<0.56 <0.56 <0.25 <0.16 <0.17 <0.20 <0.21 <0.20 <0.31 <0.31 <0.16 <0.18 <0.16 <0.21 <0.21 <0.20 <0.21 <0.21 <0.43 <0.21 <0.21 < 0.33 <0.33 <0.27 <0.37	<0.39 <0.39 <0.39 <0.36 <0.17 <0.12 <0.12 <0.25 <0.25 <0.25 <0.19 <0.21 <0.30 <0.20 <0.20 <0.20 <0.21 <0.17 <0.17 < 0.33 <0.33 <0.18 <0.16	<0.32 <0.32 <0.32 <0.23 <0.20 <0.10 <0.10 <0.11 <0.11 <0.11 <0.20 <0.17 <0.20 <0.17 <0.20 <0.20 <0.17 <0.18 <0.19 <0.18 <0.18 < 0.18 <0.18 <0.20 <0.20
781.9-791.9	- 788.31 789.81 - 788.88 788.11 788.52 788.99	MW-6S	11/11/98 12/15/98 04/25/01 06/10/08 08/23/11 09/22/15 09/29/22 10/01/24	<0.36 <0.36 <0.36 <0.50 <0.21 <0.27 <0.39 <0.48	<0.34 <0.34 <1 <0.50 <0.20 <0.26 <0.41 <0.42	<0.46 <0.46 <0.23 <0.50 <0.26 <0.27 <0.35 <0.44	<0.26 <1 <0.35 <1.0 <0.48 <0.23 <1.6 <3.6	<0.56 <0.56 <0.25 <0.50 <0.21 <0.27 <0.37 <0.39	<0.52 <0.39 <0.36 <0.20 <0.17 <0.18 <0.16 <0.15	<0.67 <0.32 <0.23 <0.20 <0.18 <0.20 <0.20 <0.20

Table 5: Groundwater Monitoring Well Volatile Organic Compound Laboratory Results, Denow Landfill, Grafton, Wisconsin

Well Screen Interval in feet above sea level	Groundwater Elevation in feet above mean sea level	Well ID	Date Sampled	Relevant and Significant Volatile Organic Compounds (micrograms per liter)						
				1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloro-ethene	Trichloro-ethene (TCE)	Vinyl Chloride
		NR 140, Wis. Adm. Code PAL		0.7	7	20	0.5	0.5	0.5	0.02
NR 140, Wis. Adm. Code ES		7	70	100	5	5	5	0.2		
700.8-705.8	-	MW-6D	11/11/98	<0.36	<0.34	<0.46	<0.26	2.2	<0.52	<0.67
	779.39		12/15/98	<0.36	<0.34	<0.46	<1	<0.56	<0.39	1.5
	781.66		04/25/01	<0.36	<1	<0.23	<0.35	<0.25	<0.36	<0.23
	780.88		07/29/02	<0.33	<0.20	<0.38	<0.24	<0.16	<0.17	0.26"J"
	778.88		03/18/03	<0.17	0.32 "J"	<0.16	<0.12	<0.17	<0.12	2.5
	778.36		09/19/03	<0.17	0.36 "J"	<0.16	<0.12	<0.17	<0.12	2.4
	780.18		03/29/04	<0.41	0.35 "J"	<0.35	<0.43	<0.31	<0.25	1.9
	780.48		09/21/04	<0.41	<0.40 "J"	<0.35	<0.43	<0.31	<0.25	2.3
	780.95		03/22/05	<0.41	0.46 "J"	<0.35	<0.43	<0.31	3.8	3.0
	778.67		09/26/05	<0.20	0.37 "J"	<0.18	<0.25	<0.16	<0.19	1.9
	780.11		03/29/06	<0.19	0.48 "J"	<0.17	<0.18	<0.18	<0.21	2.7
	779.47		09/26/06	<0.15	<0.19	<0.17	<0.36	<0.16	<0.30	<0.20
	781.28		03/21/07	<0.24	0.33 "J"	<0.22	<0.40	<0.21	<0.20	2.3
	781.52		09/19/07	<0.24	<0.21	<0.22	<0.40	<0.21	<0.20	0.83
	-		06/10/08	<0.50	<0.50	<0.50	<1.0	<0.50	<0.20	2.40
	780.98		12/02/08	<0.24	<0.21	<0.22	<0.40	<0.21	<0.21	<0.17
	781.72		06/29/09	<0.21	0.32 "J"	<0.26	<0.48	<0.21	<0.17	1.6
	781.76		06/30/10	<0.7	<0.78	<1.3	<0.47	<0.43	<0.39	1.9
	781.24		08/23/11	<0.21	0.53 "J"	<0.26	<0.48	<0.21	<0.17	3.0
	781.44		02/22/12	<0.21	0.56 "J"	<0.26	<0.48	<0.21	<0.17	3.5
	779.30		09/11/12	<0.21	0.25 "J"	<0.26	<0.48	<0.21	0.17 "J"	0.68
	779.14		12/19/12	<0.20	0.59 "J"	<0.19	<0.40	<0.15	<0.25	2.6
	781.07		03/20/13	<0.29	0.62	<0.32	<0.40	<0.22	<0.27	2.6
	782.19		06/25/13	<0.29	0.74	<0.32	<0.40	<0.22	<0.27	3
	780.64		09/26/13	< 0.4	0.83 "J"	< 0.35	< 0.5	< 0.33	< 0.33	3.8
	780.62		03/25/14	<0.4	0.64"J"	<0.35	<0.5	<0.33	<0.33	2.55
	780.62		03/25/14	<0.4	0.73"J"	<0.35	<0.5	<0.33	<0.33	2.41
	780.56		09/24/14	<0.4	0.44 "J"	<0.35	<0.5	<0.33	<0.33	2.20
	780.37		09/22/15	<0.27	0.758 "J"	<0.27	<0.23	<0.27	<0.18	2.53
	781.33		03/27/18	<0.39	1.1	<0.35	<1.6	<0.37	<0.16	2.4
	782.16		09/11/18	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	2.4
	782.56		03/27/19	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	1.3
	780.02		09/24/19	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	782.40		03/11/20	<0.39	0.48 "J"	<0.35	<1.6	<0.37	<0.16	<0.20
	781.95		09/23/20	<0.39	0.61 "J"	<0.36	<1.7	<0.37	<0.16	0.89 "J"
	781.98		03/23/21	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	780.97		09/23/21	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	780.60		03/28/22	<0.39	0.77 "J"	<0.35	<1.6	<0.37	<0.16	0.73 "J"
	781.35		09/28/22	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	782.43		03/30/23	<0.39	1.6	<0.35	<1.6	<0.37	<0.16	1.4
	782.21		03/28/24	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	0.22 "J"
	781.35		10/01/24	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	<0.20
	781.12		03/19/25	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	<0.20
	781.80		09/24/25	<0.48	1.4	<0.44	<3.6	<0.39	<0.15	1.2
685.9-690.9	780.88	MW-6B	07/29/02	<0.33	0.24"J"	<0.38	<0.24	<0.16	<0.17	2.5
	778.90		03/18/03	<0.17	0.77	<0.16	<0.12	<0.17	<0.12	4.9
	778.39		09/19/03	<0.17	1.1	<0.16	<0.12	<0.17	<0.12	7.2
	780.20		03/29/04	<0.41	5.4	<0.35	<0.43	<0.31	<0.25	9.1
	780.50		09/21/04	<0.41	0.64 "J"	<0.35	<0.43	<0.31	<0.25	5.7
	780.96		03/22/05	<0.41	1.8	<0.35	<0.43	<0.31	<0.25	9.6
	778.68		09/26/05	<0.20	0.30 "J"	<0.18	<0.25	<0.16	<0.19	0.42 "J"
	780.13		03/29/06	<0.19	5.2	<0.17	<0.18	<0.18	<0.21	9.8
	779.61		09/26/06	<0.15	0.33 "J"	<0.17	<0.36	<0.16	<0.30	0.68 "J"
	781.37		03/21/07	<0.24	1.8	<0.22	<0.40	<0.21	<0.20	11
	781.53		09/19/07	<0.24	<0.21	<0.22	<0.40	<0.21	<0.20	0.35 "J"
	-		06/10/08	<0.50	0.56 "J"	<0.50	<1.0	<0.50	<0.20	6
	780.98		12/02/08	<0.24	<0.21	<0.22	<0.40	<0.21	<0.21	<0.17
	781.71		06/29/09	<0.21	0.42 "J"	<0.26	<0.48	<0.21	<0.17	4.1
	781.75		06/30/10	<0.7	<0.78	<1.3	<0.47	<0.43	<0.39	0.36 "J"
	781.24		08/23/11	<0.21	<0.20	<0.26	<0.48	<0.21	<0.17	0.24 "J"
	781.44		02/22/12	<0.21	1.9	<0.26	<0.48	<0.21	<0.17	11
	779.30		09/11/12	<0.20	<0.21	<0.19	<0.40	<0.15	<0.25	<0.15
	779.16		12/19/12	<0.20	0.33 "J"	<0.19	<0.40	<0.15	<0.25	2
	781.07		03/20/13	<0.29	0.41	<0.32	<0.40	<0.22	<0.27	0.62
	782.23		06/25/13	<0.29	0.28"J"	<0.32	<0.40	<0.22	<0.27	<0.17
	780.65		09/26/13	< 0.4	1.13 "J"	< 0.35	< 0.5	< 0.33	< 0.33	7.8
	780.61		03/25/14	<0.4	3.80	<0.35	<0.5	<0.33	<0.33	6.4
	780.58		09/24/14	<0.4	<0.38	<0.35	<0.5	<0.33	<0.33	0.42 "J"
	780.36		09/22/15	<0.27	2.55	<0.27	<0.23	<0.27	<0.18	11.3
	781.32		03/27/18	<0.39	1.1	<0.35	<1.6	<0.37	<0.16	3.8
	782.17		09/11/18	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	782.55		03/27/19	<0.39	2.3	<0.35	<1.6	<0.37	<0.16	6.1
	780.03		09/24/19	<0.39	<0.41	<0.35	<1.5	<0.37	<0.16	<0.20
	780.03		09/24/19	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	782.40		03/11/20	<0.39	0.44 "J"	<0.35	<1.6	<0.37	<0.16	1.4
	781.95		09/23/20	<0.39	0.41 "J"	<0.36	3.7 "J" L	<0.37	<0.16	1.4
	781.95		09/23/20	<0.39	0.47 "J"	<0.37	<1.8	<0.37	<0.16	1.4
	782.02		03/23/21	<0.39	0.66 "J"	<0.35	<1.6	<0.37	<0.16	0.75 "J"
	780.97		09/23/21	<0.39	1.8	<0.35	<1.6	<0.37	<0.16	5.1
	780.58		03/28/22	<0.39	<0.41	<0.25	<1.6	<0.37	<0.16	<0.20
	781.11		09/28/22	<0.39	1.4	<0.35	<1.6	<0.37	<0.16	0.80 "J"
	782.26		03/30/23	<0.39	1.3	<0.35	<1.6	<0.37	<0.16	2.6
	782.22		03/28/24	<0.39	0.71 "J"	<0.35	2.4 "J B"	<0.37	<0.16	1.1
	781.35		10/01/24	<0.48	0.70 "J"	<0.44	<3.6	<0.39	<0.15	0.48 "J"
	780.81		03/19/25	<0.48	0.47 "J"	<0.44	<3.6	<0.39	<0.15	<0.20
	781.75		09/24/25	<0.48	1.1	<0.44	<3.6	<0.39	<0.15	<0.20
777.2-787.2	-	MW-7S	11/11/98	<0.36	<0.34	<0.46	<0.26	<0.56	<0.39	<0.32
	782.18									

Table 5: Groundwater Monitoring Well Volatile Organic Compound Laboratory Results, Denow Landfill, Grafton, Wisconsin

Well Screen Interval in feet above sea level	Groundwater Elevation in feet above mean sea level	Well ID	Date Sampled	Relevant and Significant Volatile Organic Compounds (micrograms per liter)								
				1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloro-ethene	Trichloro-ethene (TCE)	Vinyl Chloride		
		NR 140, Wis. Adm. Code PAL		0.7	7	20	0.5	0.5	0.5	0.02		
		NR 140, Wis. Adm. Code ES		7	70	100	5	5	5	0.2		
	782.47	MW-7S Continued	09/29/22	<0.39	0.71 "J"	<0.35	<1.6	<0.37	<0.16	<0.20		
721.1-726.1	-	MW-7D	11/11/98	<0.36	<0.34	<0.46	<0.26	<0.56	<0.39	<0.32		
	776.40		12/15/98	<0.36	<0.34	<0.46	7.2	<0.56	<0.39	<0.32		
	779.04		04/25/01	<0.36	<1	<0.23	<0.35	<0.25	<0.36	<0.23		
	779.68		07/17/08	<0.50	<0.50	<0.50	<1.0	<0.50	<0.20	<0.20		
	778.12		08/23/11	<0.21	<0.20	<0.26	<0.48	<0.21	<0.17	<0.18		
	777.19		09/22/15	<0.27	<0.26	<0.27	<0.23	<0.27	<0.18	<0.20		
	777.82		09/29/22	<0.39	0.71 "J"	<0.35	<1.6	<0.37	<0.16	<0.20		
772.7-787.7	788.67	MW-8S	07/29/02	<0.13	4.2	0.19"J"	<0.24	19	22	<0.18		
	788.67		07/29/02	<0.13	4.4	0.20"J"	<0.24	19	23	<0.18		
	786.29		03/18/03	<0.17	1.8	<0.16	<0.12	18	26	<0.10		
	785.61		09/19/03	<0.17	2.4	<0.16	<0.12	25	41	<0.10		
	786.13		03/29/04	<0.41	12	0.99 "J"	<0.43	33	65	<0.11		
	788.29		09/21/04	<1.6	7.5	<1.4	<1.7	16	29	<0.42		
	788.06		03/22/05	<1.0	2.0 "J"	<0.87	<1.1	21	27	<0.27		
	786.47		09/26/05	<0.20	1.8 "J"	<0.18	<0.25	22	<0.19	<0.20		
	786.49		03/29/06	<0.60	2.4 "J"	<0.68	<1.4	27	38	<0.78		
	787.03		09/26/06	<0.15	1.8	<0.17	<0.36	22	26	<0.20		
	788.38		03/21/07	<0.48	1.8	<0.44	<0.80	27	37	<0.34		
	789.09		09/19/07	<0.24	5.0	<0.22	<0.40	<0.21	22	<0.17		
	-		06/11/08	<0.50	19	0.63 "J"	<1.0	20	42	1.4		
	788.28		12/02/08	<0.48	22	0.47 "J"	<0.80	23	68	1.1 "J"		
	789.01		06/29/09	<0.83	5.6	<1.0	<1.9	17	34	<0.74		
	789.04		06/30/10	<0.7	5.0	<1.3	<0.47	20.2	38	<0.19		
	788.60		08/23/11	<0.83	8.8	<1.0	<1.9	21	60	<0.74		
	788.25		02/22/12	<0.83	5.9	<1.0	<1.9	21	53	<0.74		
	786.94		09/12/12	<1.0	3.0 "J"	<0.97	<2.0	19	45	<0.75		
	787.76		03/21/13	<0.43	2.1	<0.46	<1.0	18	24	<0.28		
	788.15		09/26/13	< 0.4	3.03	< 0.35	< 0.5	16.6	33	< 0.18		
	788.05		09/25/14	<0.4	0.94 "J"	<0.35	<0.5	13.7	21.1	<0.18		
	787.94		09/23/15	<0.27	0.397 "J"	<0.27	<0.23	18.9	15.2	<0.20		
	788.18		03/27/18	<0.39	2.8	<0.35	<1.6	16	22	<0.20		
	789.28		09/11/18	<0.39	2.4	<0.35	<1.6	26	25	<0.20		
	789.27		03/27/19	<0.39	<0.41	<0.35	<1.6	21	16	<0.20		
	789.03		09/25/19	<0.39	0.99 "J"	<0.35	<1.6	14	9.5	<0.20		
	789.29		03/11/20	<0.39	2.0	<0.35	<1.6	34	14	0.21 "J"		
	788.96		09/24/20	<0.39	1.1	<0.35	3.3 "J" L	20	11	<0.20		
	789.10		03/23/21	<0.39	1.1	<0.35	<1.6	19	10	<0.20		
	788.01		09/23/21	<0.39	1.1	<0.35	<1.6	20	11	<0.20		
	786.84		03/28/22	<0.39	<0.41	<0.35	<1.6	19	10	<0.20		
	787.99		09/29/22	<0.39	0.62 "J"	<0.35	<1.6	26	14	<0.20		
	789.27		03/30/23	<0.39	<0.41	<0.35	<1.6	23	12	<0.20		
	789.27		03/28/24	<0.39	1.2	<0.35	2.4 "J B"	20	14	<0.20		
	788.49		10/01/24	<0.48	2.3	<0.44	<3.6	15	8.9	<0.20		
	787.54		03/19/25	<0.48	0.60 "J"	<0.44	<3.6	12	5.6	<0.20		
	788.96		09/24/25	<0.48	0.85 "J"	<0.44	<3.6	18	7.6	<0.20		
	729.4-734.4		788.67	MW-8B	07/29/02	1.3	360	15.00	<0.24	3.4	7.0	130
			786.27		03/18/03	<0.17	250	<0.16	<0.12	<0.17	4.9	100
			785.59		09/19/03	0.77 "J"	200	9.20	ND	1.2	4.3	74
			785.59		09/19/03	0.83 "J"	200	9.70	ND	1.3	4.8	83
			786.11		03/29/04	<0.41	160	8.3 "J"	<0.43	<6.1	<0.25	87
786.11		03/29/04	<0.41		150	7.7 "J"	<0.43	<0.31	<0.25	82		
788.28		09/21/04	<8.2		150	9.3 "J"	<8.5	6.2 "J"	9.4 "J"	82		
788.05		03/22/05	<5.1		140	11 "J"	<5.3	<3.8	<3.1	89		
788.05		03/22/05	<5.1		120	8.5 "J"	<5.3	<3.8	4.8 "J"	70		
786.45		09/26/05	<0.20		140	9.7 "J"	<0.25	6.0 "J"	<0.19	59		
786.45		09/26/05	0.66		130	8.6	<0.25	1.4	3.7	55		
786.48		03/29/06	<1.5		100	8.0	<3.6	<1.6	<3.0	73		
786.48		03/29/06	1.6 "J"		100	7.6	<3.6	<1.6	3.1 "J"	67		
787.01		09/26/06	<1.5		120	8.2	<3.6	<1.6	3.7 "J"	63		
788.37		03/21/07	<2.4		110	4.6 "J"	<4.0	<2.1	4.6 "J"	49		
788.37		03/21/07	<2.4		140	5.5 "J"	<4.0	<2.1	4.8 "J"	59		
789.08		09/19/07	<0.24		79	5.1 "J"	<0.40	2.9 "J"	4.0 "J"	50		
789.08		09/19/07	<0.24		80	5.5 "J"	<0.40	2.9 "J"	4.1 "J"	49		
-		06/11/08	<0.50		78	6.7	<1.0	5.1	5	64		
788.26		12/02/08	<0.96		48	4.5	<1.6	2.2 "J"	3.8	<0.68		
789.00		06/29/09	<1.0		48	5.5	<2.4	<1.0	2.6 "J"	33		
789.05		06/30/10	<0.7		42	4.7	<0.47	<0.43	0.99 "J"	32		
788.58		08/23/11	<0.52		23	2.8	<1.2	0.61 "J"	1.6	0.56 "J"		
788.58		08/23/11	<0.42		24	3.0	<0.96	0.63 "J"	1.6	0.45 "J"		
786.92		09/12/12	<1.0		38	3.1 "J"	<2.0	<0.73	1.8 "J"	18		
788.14		09/26/13	< 0.4		27.9	2.65	< 0.5	1.12	2.14	7.0		
788.04		09/23/14	<0.4		53	4.4	<0.5	<0.33	1.05	31.1		
787.42		09/23/15	<0.27		16.7	2.8	<0.23	0.536 "J"	0.965	1.89		
788.19		03/27/18	<0.39		36	2.3	<1.6	0.82 "J"	2.9	22		
788.27		09/11/18	<0.35		26	2.1	<1.6	0.70 "J"	0.86	23		
789.29		03/27/19	<0.39		29	2.6	<1.6	<0.37	<0.16	10		
787.14		09/25/19	<0.39		10	1.5	<1.6	<0.37	<0.16	15		
789.26		03/11/20	<0.39		15	1.9	<1.6	<0.37	0.67	15		
788.96		09/24/20	<0.39		17	2.0	3.4 "J" L	<0.37	0.52	20		
789.14		03/23/21	<0.39		18	2.2	<1.6	<0.37	0.49 "J"	27		
788.00		09/23/21	<0.39		21	2.0	<1.6	<0.37	0.57	17		
786.84		03/28/22	<0.39		30	1.9	<1.6	<0.37	0.84	14		
788.02		09/29/22	<0.39		20	2.1	<1.6	<0.37	0.74	20		
789.22		03/30/23	<0.39		17	1.3	<1.6	<0.37	<0.16	20		
789.29		03/28/24	<0.39		18	1.6	2.2 "J B"	0.56 "J"	1.0	19		
788.49		10/01/24	<0.48		13	1.9	<3.6	<0.39	0.55	25		
787.62		03/19/25	<0.48		28	1.8	<3.6	<0.39	0.76	21		
788.85		09/24/25	<0.48		13	1.1	<3.6	0.39 "J"	0.58	19		

Table 5: Groundwater Monitoring Well Volatile Organic Compound Laboratory Results, Denow Landfill, Grafton, Wisconsin

Well Screen Interval in feet above sea level	Groundwater Elevation in feet above mean sea level	Well ID	Date Sampled	Relevant and Significant Volatile Organic Compounds (micrograms per liter)						
				1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloro-ethene	Trichloro-ethene (TCE)	Vinyl Chloride
		NR 140, Wis. Adm. Code PAL		0.7	7	20	0.5	0.5	0.5	0.02
		NR 140, Wis. Adm. Code ES		7	70	100	5	5	5	0.2
778.6-788.6	-	MW-9S	06/05/08	<0.50	<0.50	<0.50	<1.0	<0.50	<0.20	<0.20
	-		12/02/08	<0.24	<0.21	<0.22	<0.40	<0.21	<0.21	<0.17
	787.43		06/29/09	<0.21	<0.20	<0.26	<0.48	<0.21	<0.17	<0.18
	787.66		06/30/10	<0.7	<0.78	<1.3	<0.47	<0.43	<0.39	<0.19
	787.08		08/23/11	<0.21	<0.20	<0.26	<0.48	<0.21	<0.17	<0.18
	784.83		09/11/12	<0.21	0.25 "J"	<0.26	<0.48	<0.21	<0.17	<0.18
	786.21		09/26/13	< 0.4	< 0.38	< 0.35	< 0.5	< 0.33	< 0.33	< 0.18
	786.07		09/24/14	<0.4	<0.38	<0.35	<0.5	<0.33	<0.33	<0.18
	786.63		09/22/15	<0.27	<0.26	<0.27	<0.23	<0.27	<0.18	<0.20
	788.29		09/11/18	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	786.05		09/24/19	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	787.67		09/23/20	<0.39	<0.41	<0.35	3.8 "J" L	<0.37	<0.16	<0.20
	786.73		09/22/21	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	787.04		09/28/22	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	787.03		10/01/24	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	<0.20
	787.33		09/24/25	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	<0.20
694.4-698.4	-	MW-9B	06/10/08	<0.50	13	<0.50	<1.0	<0.50	1.4	2.3
	-		12/02/08	<0.34	16	<0.47	<0.40	<0.31	1.4	3.0
	787.43		06/29/09	<0.52	30	<0.65	<1.2	<0.52	3.2	5.1
	787.66		06/30/10	<0.7	25.9	<1.3	<0.47	<0.43	3.06	4.2
	787.08		08/23/11	<0.52	17	<0.65	<1.2	<0.52	2.2	<0.46
	787.08		08/23/11	<0.21	14	<0.26	<0.48	<0.21	2.0	<0.18
	787.47		11/22/11	<0.42	21	<0.52	12	<0.41	2.2	2.9
	787.65		02/22/12	<0.42	27	<0.52	<0.96	<0.41	2.5	1.4
	787.60		05/21/12	<0.40	28	0.41 "J"	<0.80	<0.29	3.7	<0.30
	785.47		09/11/12	<0.50	25	<0.48	<1.0	<0.37	3.4	<0.37
	784.57		12/19/12	<0.50	37	<0.48	<1.0	<0.37	<0.62	6.0
	786.30		03/21/13	<0.72	26	<0.79	<1.0	<0.54	3.7	2.0
	787.75		06/25/13	<0.72	31	<0.79	<1.0	<0.54	3.6	<0.42
	786.68		09/26/13	< 0.4	34	0.58 "J"	< 0.5	< 0.33	4.2	5.4
	786.57		09/24/14	<0.4	26	<0.35	<0.5	<0.33	3.4	2.67
	785.95		09/22/15	<0.27	19.5	0.556 "J"	<0.23	<0.27	1.7	<0.20
	787.78		09/11/18	<0.39	39	0.60 "J"	<1.6	<0.37	0.86	6.6
	785.69		09/24/19	<0.39	32	<0.35	<1.6	<0.37	<0.16	3.7
	787.51		09/23/20	<0.39	19	0.35 "J"	3.4 "J" L	<0.37	0.54	<0.20
	786.46		09/22/21	0.44 "J"	36	0.68	<1.6	<0.37	0.65	5.7
	786.48		09/28/22	<0.39	25	0.39 "J"	2.5 "J B" L	<0.37	0.52	<0.20
	786.90		10/01/24	<0.48	15	<0.44	<3.6	<0.39	0.42 "J"	0.39
	787.37		09/24/25	<0.48	46	0.76 "J"	<3.6	<0.39	0.45 "J"	9.7
783.0-793.0	-	MW-10S	06/12/08	<0.50	<0.50	<0.50	<1.0	<0.50	51	<0.20
	-		12/02/08	<0.34	<0.40	<0.47	<0.40	<0.31	54	<0.095
	787.83		06/29/09	<0.87	<0.65	<0.82	<0.87	<0.47	32	<0.68
	787.81		06/30/10	<0.7	<0.78	<1.3	<0.47	<0.43	21.5	<0.19
	787.40		08/23/11	<0.21	<0.20	<0.26	<0.48	<0.21	14	<0.18
	786.94		11/22/11	<0.21	<0.20	<0.26	2	<0.21	14	<0.18
	787.07		02/22/12	<0.21	<0.20	<0.26	<0.48	<0.21	14	<0.18
	787.88		05/21/12	<0.20	<0.21	<0.19	<0.40	<0.15	14	<0.15
	785.74		09/11/12	<0.20	<0.21	<0.19	<0.40	<0.15	14	<0.15
	786.58		03/21/13	<0.17	<0.23	<0.18	<0.40	0.21 "J"	8.8	<0.11
	788.04		06/25/13	<0.29	0.15"J"	<0.32	<0.40	<0.22	13	<0.17
	786.99		09/26/13	< 0.4	< 0.38	< 0.35	< 0.5	< 0.33	17.2	< 0.18
	786.98		09/24/14	<0.4	<0.38	<0.35	<0.5	<0.33	14.8	<0.18
	786.23		09/23/15	<0.27	<0.26	<0.27	<0.23	<0.27	11.9	<0.20
	787.67		09/25/25	<0.48	<0.42	<0.44	<3.6	<0.39	1.8	<0.20
782.2-792.2	-	MW-11S	12/02/08	<0.34	<0.40	<0.47	<0.40	<0.31	<0.43	<0.095
	787.66		06/29/09	<0.22	<0.16	<0.21	<0.22	<0.12	<0.37	<0.17
	787.64		06/30/10	<0.7	<0.78	<1.3	<0.47	<0.43	1.72	0.22 "J"
	787.20		08/23/11	<0.21	<0.20	<0.26	<0.48	<0.21	<0.17	<0.18
	785.52		09/11/12	<0.20	<0.21	<0.19	<0.40	<0.15	<0.25	<0.15
	786.73		09/26/13	< 0.4	< 0.38	< 0.35	< 0.5	< 0.33	< 0.33	< 0.18
	786.63		09/24/14	<0.4	<0.38	<0.35	<0.5	<0.33	<0.33	<0.18
	786.00		09/23/15	<0.27	<0.26	<0.27	<0.23	<0.27	<0.18	<0.20
783.2-793.2	-	MW-12S	03/13/09	<0.50	1.0 "J"	<0.50	<1.0	0.97 "J"	2.3	<0.20
	788.16		06/29/09	<0.22	0.20 "J"	<0.21	<0.22	1.4	1.6	<0.17
	787.85		06/30/10	<0.7	<0.78	<1.3	<0.47	<0.43	1.74	<0.19
	787.69		08/23/11	<0.21	<1.5	<0.26	<0.48	2.9	6.9	<0.18
	787.21		11/22/11	<0.21	3.7	<0.26	<0.48	4	13	<0.18
	787.33		02/22/12	<0.21	0.8	<0.26	<0.48	3.3	9.2	<0.18
	788.12		05/21/12	<0.20	0.37 "J"	<0.19	<0.40	1.8	3.8	<0.15
	786.03		09/11/12	<0.20	1.2	<0.19	<0.40	2.9	7.9	<0.15
	785.06		12/19/12	<0.20	2.3	<0.19	<0.40	7.2	24	<0.15
	786.82		03/21/13	<0.34	3.0	0.51 "J"	<0.80	8.2	24	<0.22
	788.28		06/25/13	<0.58	5.7	<0.63	<0.80	8.2	17	<0.33
	787.23		09/26/13	< 0.4	1.75	< 0.35	< 0.5	4.4	9.9	< 0.18
	787.14		09/24/14	<0.4	<0.38	<0.35	<0.5	2.12	4.1	<0.18
	786.51		09/22/15	<0.27	<0.26	<0.27	<0.23	2.2	4.4	<0.20
	788.34		09/11/18	<0.39	1.8	<0.35	<1.6	2.8	6.9	<0.20
	788.08		09/25/19	<0.39	<0.41	<0.35	<1.6	0.61 "J"	1.0	<0.20
	788.04		09/24/20	<0.39	<0.41	<0.35	3.6 "J" L	0.49 "J"	0.72	<0.20
	787.09		09/23/21	<0.39	<0.41	<0.35	<1.6	1.1	2.30	<0.20
	787.09		09/28/22	<0.39	<0.41	<0.35	2.4 "J B" L	1.5	2.6	<0.20
	787.53	10/01/24	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	<0.20	
	783.2-793.2	788.04	MW-12S	09/24/25	<0.48	<0.42	<0.44	<3.6	<0.39	0.21 J
739.5-744.5	-	MW-12B	03/13/09	0.63 "J"	74	2.60	<1.0	5.8	11	36
	788.00		06/29/09	0.34 "J"	48	1.50	<0.22	1.9	13	12
	787.91		06/30/10	<0.7	23.2	<1.3	<0.47	1.27 "J"	13.3	1.25

Table 5: Groundwater Monitoring Well Volatile Organic Compound Laboratory Results, Denow Landfill, Grafton, Wisconsin

Well Screen Interval in feet above sea level	Groundwater Elevation in feet above mean sea level	Well ID	Date Sampled	Relevant and Significant Volatile Organic Compounds (micrograms per liter)								
				1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloro-ethene	Trichloro-ethene (TCE)	Vinyl Chloride		
		NR 140, Wis. Adm. Code PAL		0.7	7	20	0.5	0.5	0.5	0.02		
NR 140, Wis. Adm. Code ES		7	70	100	5	5	5	0.2				
780.1-790.1	787.16	MW-12B cont.	08/23/11	<0.83	37	1.3 "J"	<1.9	3.4	19	1.3 "J"		
	786.66		11/22/11	<0.83	42	1.2 "J"	<1.9	2.8	16	2.3		
	786.78		02/22/12	0.87	55	2.1 "J"	<1.9	4	18	6.1		
	787.59		05/21/12	<0.80	38	1.4 "J"	<1.6	3.5	18	4.5		
	785.49		09/11/12	<0.83	48	1.7 "J"	<1.9	4.3	18	1.8 "J"		
	784.53		12/19/12	<1.0	42	1.4 "J"	<2.0	4.7	23	2.1 "J"		
	786.30		03/21/13	0.71 "J"	49	1.90	<1.0	4.2	18	4.7		
	787.76		06/25/13	<1.4	49	<1.6	<2.0	2.9"J"	14	8.1		
	786.73		09/26/13	0.50 "J"	42	1.34	< 0.5	2.38	11.2	5.0		
	786.61		09/24/14	<0.4	37	1.23	<0.5	2.97	14.7	0.59		
	786.51		09/22/15	<0.27	32	0.99 "J"	<0.23	2.2	13	0.51		
	787.81		09/11/18	<0.39	42	1.50	<1.6	3.0	7.4	23		
	787.57		09/25/19	<0.39	32	1.00	<1.6	3.7	14	2.3		
	787.48		09/24/20	<0.39	33	1.30	3.4 "J" L	4.2	14	3.0		
	786.55		09/23/21	<0.39	30	1.00	<1.6	2.2	6.8	1.6		
	786.52		09/28/22	<0.39	40	1.20	2.6 "JB" L	<0.37	<0.16	4.9		
	786.97		10/01/24	<0.48	27	0.97 "J"	<3.6	5.5	12	2.5		
	787.45		09/24/25	<0.48	32	1.20	<3.6	6	12	2.6		
	780.1-790.1	787.84	MW-13S	08/23/11	<0.21	0.69 "J"	<0.26	<0.48	<0.21	14	<0.18	
		787.38		11/22/11	<0.21	1.2	0.52 "J"	<0.48	<0.21	14	<0.18	
		787.50		02/22/12	<0.21	1.1	0.58 "J"	<0.48	<0.21	10	<0.18	
		788.29		05/21/12	<0.20	0.64 "J"	0.27 "J"	<0.40	<0.15	9.4	<0.15	
		786.19		09/11/12	<0.21	1.1	0.71 "J"	<0.48	<0.21	11	<0.18	
		785.25		12/19/12	<0.20	1	0.76	<0.40	<0.15	10	<0.15	
		787.00		03/20/13	<0.17	0.69 "J"	0.19 "J"	<0.40	<0.16	5	<0.11	
		788.40		06/25/13	<0.29	1.1	<0.32	<0.40	<0.22	9	<0.17	
		787.43		09/26/13	< 0.4	2.88	0.43 "J"	< 0.5	< 0.33	14.1	0.23 "J"	
		787.31		09/25/14	<0.4	1.94	0.83 "J"	<0.5	<0.33	11.7	0.21 "J"	
		786.68		09/22/15	<0.27	0.60 "J"	0.55 "J"	<0.23	<0.27	3.5	<0.20	
		788.50		09/11/18	<0.39	1.8	0.73 "J"	<1.6	<0.37	9	<0.20	
		786.38		09/24/19	<0.39	4.5	<0.35	<1.6	<0.37	17	<0.20	
		788.22		09/23/20	<0.39	2.1	<0.35	3.7 "J" L	<0.37	17	<0.20	
		787.20		09/23/21	<0.39	0.9	<0.35	<1.6	<0.37	9.6	<0.20	
		787.05		09/28/22	<0.39	0.51 "J"	<0.35	<1.6	<0.37	5.2	<0.20	
		787.67		10/01/24	<0.48	2.9	<0.44	<3.6	<0.39	11	<0.20	
		788.13		09/25/25	<0.48	1.1	<0.44	<3.6	<0.39	5.3	<0.20	
		725.2-730.2		787.90	MW-13B	08/23/11	<0.21	0.84	<0.26	<0.48	<0.21	1.4
	787.46		11/22/11	<0.21		0.99	<0.26	<0.48	<0.21	2.1	0.95	
787.57	02/22/12		<0.21	1.2		<0.26	<0.48	<0.21	2.1	1.20		
787.37	05/21/12		<0.20	1.3		<0.19	<0.40	<0.15	2.4	0.76		
786.27	09/11/12		<0.21	1.3		<0.26	<0.48	<0.21	2.7	0.63 "J"		
785.29	12/19/12		<0.20	1.3		<0.19	<0.40	<0.15	1.6	0.71		
787.08	03/20/13		<0.17	1.4		<0.18	<0.40	<0.16	1.7	0.90		
788.47	06/25/13		<0.29	1.5		<0.32	<0.40	<0.22	0.54"J"	1.70		
787.46	09/26/13		< 0.4	1.42		< 0.35	< 0.5	< 0.33	1.7	0.87		
787.38	09/24/14		<0.4	1.19 "J"		<0.35	<0.5	<0.33	1.2	0.89		
786.73	09/22/15		<0.27	1.3		<0.26	<0.23	<0.27	1.3	0.84		
788.56	09/11/18		<0.39	2.1		<0.35	<1.6	<0.37	2	1.20		
786.46	09/24/19		<0.39	2.4		<0.35	<1.6	<0.37	1.3	<0.20		
788.27	09/23/20		<0.39	2.6		<0.35	3.6 "J" L	<0.37	2.2	0.53 "J"		
725.2-730.2	787.24	MW-13B	09/23/21	<0.39	2.1	<0.35	<1.6	<0.37	3.8	<0.20		
	790.30		09/28/22	<0.39	2	<0.35	<1.6	<0.37	3.3	0.31 "J"		
	787.73		10/01/24	<0.48	2.1	<0.44	<3.6	<0.39	2.7	0.26 "J"		
	788.02		09/25/25	<0.48	1.5	<0.44	<3.6	<0.39	2	0.26 "J"		
	-	TW-1	04/03/14	-	<0.38	<0.35	-	<0.33	<0.33	<0.18		
		FORMER RESIDENTIAL WATER SUPPLY WELLS CONVERTED INTO GROUND-WATER MONITORING WELLS										
660.1-665.1	-	2224 Edgewood Drive	04/26/01	<0.36	<1	<0.23	<0.35	<0.25	<0.36	<0.23		
	763.41		08/22/02	<0.33	<0.20	<0.38	<0.24	<0.16	<0.17	<0.20		
	762.02		03/18/03	<0.17	<0.22	<0.16	<0.12	<0.17	<0.12	<0.10		
	761.62		09/19/03	<0.17	<0.22	<0.16	<0.12	<0.17	<0.12	<0.10		
	764.71		03/29/04	<0.41	<0.40	<0.35	<0.43	<0.31	<0.25	<0.11		
	763.47		09/22/04	<0.41	<0.40	<0.35	<0.43	<0.31	<0.25	<0.11		
	764.37		03/22/05	<0.41	<0.40	<0.35	<0.43	<0.31	<0.25	<0.11		
	761.51		09/27/05	<0.20	<0.18	<0.18	<0.25	<0.16	<0.19	<0.20		
	764.25		03/30/06	<0.15	<0.19	<0.17	<0.36	<0.16	<0.30	<0.20		
	762.68		09/26/06	<0.15	<0.19	<0.17	<0.36	<0.16	<0.30	<0.20		
	765.45		03/21/07	<0.24	<0.21	<0.22	<0.40	<0.21	<0.20	<0.17		
	764.94		09/19/07	<0.24	<0.21	<0.22	<0.40	<0.21	<0.20	<0.17		
	767.01		06/12/08	<0.50	<0.50	<0.50	<1.0	<0.50	<0.20	<0.20		
	763.97		12/02/08	<0.34	<0.40	<0.47	<0.40	<0.31	<0.43	<0.095		
	764.96		06/30/09	<0.22	<0.16	<0.21	<0.22	<0.12	<0.37	<0.17		
	765.25		07/01/10	<0.7	<0.78	<1.3	<0.47	<0.43	<0.39	<0.19		
	764.45		08/23/11	<0.21	<0.20	<0.26	<0.48	<0.21	<0.17	<0.18		
	762.31		09/12/12	<0.21	<0.20	<0.26	<0.48	<0.21	<0.17	<0.18		
	763.70		09/26/13	< 0.4	< 0.38	< 0.35	< 0.5	< 0.33	< 0.33	< 0.18		
	763.70		09/25/14	<0.4	<0.38	<0.35	<0.5	<0.33	<0.33	<0.18		
	763.51		09/22/15	<0.27	<0.26	<0.27	<0.23	<0.27	<0.18	<0.20		
	764.27		09/28/22	<0.27	<0.26	<0.27	<0.23	<0.27	<0.18	<0.20		
	764.66		09/25/25	<0.63	<0.37	<0.38	<0.41	<0.47	<0.37	<0.012		
688.1-693.1	763.49	2232 Edgewood Drive	08/22/02	<0.33	<0.20	<0.38	<0.24	<0.16	<0.17	<0.20		
	761.76		03/18/03	<0.17	<0.22	<0.16	<0.12	<0.17	<0.12	<0.10		
	761.33		09/19/03	<0.17	<0.22	<0.16	<0.12	<0.17	<0.12	<0.10		
	764.31		03/29/04	<0.41	<0.40	<0.35	<0.43	<0.31	<0.25	<0.11		
	763.19		09/22/04	<0.41	<0.40	<0.35	<0.43	<0.31	<0.25	<0.11		
	764.14		03/22/05	<0.41	<0.40	<0.35	<0.43	<0.31	<0.25	<0.11		
	761.08		09/27/05	<0.20	<0.18	<0.18	<0.25	<0.16	<0.19	<0.20		
	763.83		03/30/06	<0.15	<0.19	<0.17	<0.36	<0.16	<0.30	<0.20		

Table 5: Groundwater Monitoring Well Volatile Organic Compound Laboratory Results, Denow Landfill, Grafton, Wisconsin

Well Screen Interval in feet above sea level	Groundwater Elevation in feet above mean sea level	Well ID	Date Sampled	Relevant and Significant Volatile Organic Compounds (micrograms per liter)						
				1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloro-ethene	Trichloro-ethene (TCE)	Vinyl Chloride
		NR 140, Wis. Adm. Code PAL		0.7	7	20	0.5	0.5	0.5	0.02
NR 140, Wis. Adm. Code ES		7	70	100	5	5	5	0.2		
	772.23	2232 Edgewood Drive cont.	09/26/06	<0.15	<0.19	<0.17	<0.36	<0.16	<0.30	<0.20
	765.06		03/22/07	<0.24	<0.21	<0.22	<0.40	<0.21	<0.20	<0.17
	764.57		09/19/07	<0.24	<0.21	<0.22	<0.40	<0.21	<0.20	<0.17
	766.75		06/12/08	<0.50	<0.50	<0.50	<1.0	<0.50	<0.20	<0.20
	763.64		12/02/08	<0.34	<0.40	<0.47	<0.40	<0.31	<0.43	<0.095
	764.52		06/30/09	<0.22	<0.16	<0.21	<0.22	<0.12	<0.37	<0.17
	764.82		07/01/10	<0.7	<0.78	<1.3	<0.47	<0.43	<0.39	0.23 "J"
	764.05		08/23/11	<0.20	<0.21	<0.19	<0.40	<0.15	<0.25	<0.15
	764.35		02/22/12	<0.21	<0.20	<0.26	<0.48	<0.21	<0.17	<0.18
	761.83		09/12/12	<0.21	<.20	<0.26	<0.48	<0.21	<0.17	<0.18
	764.43		03/20/13	<0.29	<0.10	<0.32	<0.40	<0.22	<0.27	<0.17
	763.17		09/26/13	< 0.4	< 0.38	< 0.35	< 0.5	< 0.33	< 0.33	< 0.18
	763.68		03/25/14	<0.4	<0.38	<0.35	<0.5	<0.33	<0.33	<0.18
	763.18		09/30/14	<0.4	<0.38	<0.35	<0.5	<0.33	<0.33	<0.18
	762.96		09/22/15	<0.27	<0.26	<0.27	<0.23	<0.27	<0.18	<0.20
	766.52		09/11/18	<0.41	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	-		03/27/19	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	0.30 "J"
	762.45		09/24/19	<0.41	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	764.29		09/23/20	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	763.09		09/22/21	<0.39	<0.41	<0.35	<1.6	<0.37	0.18	<0.20
	763.66		09/28/22	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	0.23 "J"
	765.14		03/28/24	<0.39	<0.41	<0.35	2.4 "J B"	<0.37	<0.16	<0.20
			10/01/24	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	<0.20
	763.59		03/20/25	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	<0.20
			09/25/25	<0.63	<0.37	<0.38	<0.41	<0.47	<0.37	0.14 "J"
677.8-687.8	759.94	2267 Edgewood Drive	08/22/02	<0.33	<0.20	<0.38	<0.24	<0.16	<0.17	0.53"J"
	758.09		03/18/03	<0.17	<0.22	<0.16	<0.12	<0.17	<0.12	0.88
	757.60		09/19/03	<0.17	<0.22	<0.16	<0.12	<0.17	<0.12	1.1
	760.38		03/29/04	<0.41	<0.40	<0.35	<0.43	<0.31	<0.25	1.6
	759.85		09/22/04	<0.41	<0.40	<0.35	<0.43	<0.31	<0.25	1.8
	760.17		03/22/05	<0.41	<0.40	<0.35	<0.43	<0.31	<0.25	1.3
	758.97		09/26/05	<0.20	<0.18	<0.18	<0.25	<0.16	<0.19	0.30 "J"
	761.55		03/30/06	<0.15	<0.19	<0.17	<0.36	<0.16	<0.30	1.4
	760.37		09/26/06	<0.15	<0.19	<0.17	<0.36	<0.16	<0.30	0.7
	763.30		03/22/07	<0.24	<0.21	<0.22	<0.40	<0.21	<0.20	2.5
	764.84		09/19/07	<0.24	<0.21	<0.22	<0.40	<0.21	<0.20	2.0
	-		06/12/08	<0.50	<0.50	<0.50	<1.0	<0.50	<0.20	3.4
	761.72		12/02/08	<0.34	<0.40	<0.47	<0.40	<0.31	<0.43	0.55 "J"
	763.13		06/30/09	<0.22	<0.16	<0.21	<0.22	<0.12	<0.37	4.1
	763.44		07/01/10	<0.7	<0.78	<1.3	<0.47	<0.43	<0.39	2.91
	762.91		08/23/11	<0.20	<0.21	<0.19	<0.32	<0.15	<0.25	2.4
	763.13		02/22/12	<0.21	<0.20	<0.26	<0.48	<0.21	<0.17	2.5
	760.12		09/12/12	<0.21	<0.20	<0.26	<0.48	<0.21	<0.17	1.9
	762.50		03/20/13	<0.29	<0.10	<0.32	<0.40	<0.22	<0.27	4.4
	761.69		09/26/13	< 0.4	< 0.38	< 0.35	< 0.5	< 0.33	0.37 "J"	6.2
	761.75		03/25/14	<0.4	<0.38	<0.35	<0.5	<0.33	<0.33	3.9
	761.37		09/30/14	<0.4	<0.38	<0.35	<0.5	<0.33	<0.33	4.9
	761.40		09/22/15	<0.27	<0.26	<0.27	<0.23	<0.27	<0.18	5.1
	762.21		03/27/18	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	4.4
	764.34		09/11/18	<0.30	<0.41	<0.35	<1.6	<0.37	<0.16	0.91 "J"
	764.86		03/27/19	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	3.9
	761.13		09/24/19	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	764.36		03/11/20	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	1.4
	763.13		09/23/20	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	760.12		03/23/21	<0.39	<0.41	<0.35	<1.7	<0.37	<0.16	2.3
	761.40		09/22/21	0.42	<0.41	<0.35	<1.6	<0.37	0.27	3.1
	760.44		03/28/22	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	3.7
	761.89		09/28/22	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	1.7
	765.03		04/05/23	<0.41	<0.41	<0.35	2.1 "J B"	<0.47	<0.16	4.4
	763.96		03/28/24	<0.39	<0.41	<0.35	2.3 "J B"	<0.37	<0.16	1.8
			10/01/24	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	1.3
			03/20/25	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	3.4
	764.66		09/25/25	<0.63	<0.37	<0.36	<0.41	<0.47	<0.37	1.5
660.1-670.1	760.86	2280 Edgewood Drive	08/23/02	<0.33	<0.20	<0.38	<0.24	<0.16	<0.17	8.3
	759.60		03/18/03	<0.17	<0.22	<0.16	<0.12	<0.17	<0.12	2
	759.18		09/19/03	<0.17	<0.22	<0.16	<0.12	<0.17	<0.12	1.2
	761.77		03/29/04	<0.41	<0.40	<0.35	<0.43	<0.31	<0.25	1.3
	761.48		09/22/04	<0.41	<0.40	<0.35	<0.43	<0.31	<0.25	1.1
	761.48		09/22/04	<0.24	<0.13	<0.11	<0.10	<0.13	<0.12	0.97
	762.30		03/22/05	<0.41	<0.40	<0.35	<0.43	<0.31	<0.25	0.27 "J"
	759.15		09/26/05	<0.20	<0.18	<0.18	<0.25	<0.16	<0.19	0.44 "J"
	761.60		03/30/06	<0.15	<0.19	<0.17	<0.36	<0.16	<0.30	0.53 "J"
	760.50		09/26/06	<0.15	<0.19	<0.17	<0.36	<0.16	<0.30	0.79
	763.27		03/22/07	<0.24	<0.21	<0.22	<0.40	<0.21	<0.20	0.60 "J"
	762.71		09/19/07	<0.24	<0.21	<0.22	<0.40	<0.21	<0.20	0.46 "J"
	766.01		06/12/08	<0.50	<0.50	<0.50	<1.0	<0.50	<0.20	0.65 "J"
	761.93		12/02/08	<0.34	<0.40	<0.47	<0.40	<0.31	<0.43	0.62
	763.27		06/30/09	<0.22	<0.16	<0.21	<0.22	<0.12	<0.37	0.56 "J"
	762.98		07/01/10	<0.7	<0.78	<1.3	<0.47	<0.43	<0.39	0.73
	762.98		08/23/11	<0.20	<0.21	<0.19	<0.40	<0.15	<0.25	<0.15
	763.22		02/22/12	<0.21	<0.20	<0.26	<0.48	<0.21	<0.17	0.65
	760.25		09/12/12	<0.21	<0.20	<0.26	<0.48	<0.21	<0.17	<0.18
	762.49		03/20/13	<0.29	<0.10	<0.32	<0.40	<0.22	<0.27	<0.17
	761.83		09/26/13	< 0.4	< 0.38	< 0.35	< 0.5	< 0.33	< 0.33	0.29 "J"
	761.78		03/25/14	<0.4	<0.38	<0.35	<0.5	<0.33	<0.33	0.23"J"
	761.70		09/26/14	<0.4	<0.38	<0.35	<0.5	<0.33	<0.33	0.81
	762.08		09/22/15	<0.27	<0.26	<0.27	<0.23	<0.27	<0.18	0.68
	762.23		03/27/18	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	764.35		09/11/18	<0.39	<0.41					

Table 5: Groundwater Monitoring Well Volatile Organic Compound Laboratory Results, Denow Landfill, Grafton, Wisconsin										
Well Screen Interval in feet above sea level	Groundwater Elevation in feet above mean sea level	Well ID	Date Sampled	Relevant and Significant Volatile Organic Compounds (micrograms per liter)						
				1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Methylene chloride	Tetrachloro-ethene	Trichloro-ethene (TCE)	Vinyl Chloride
		NR 140, Wis. Adm. Code PAL		0.7	7	20	0.5	0.5	0.5	0.02
NR 140, Wis. Adm. Code ES		7	70	100	5	5	5	0.2		
	761.26	2280 Edgewood Drive cont.	09/24/19	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	762.55		03/11/20	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	0.35 "J"
	763.29		09/23/20	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
	763.14		03/23/21	<0.39	<0.41	<0.35	<1.7	<0.37	<0.16	<0.20
	761.56		09/22/21	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	0.62
	761.41		03/28/22	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	0.36 "J"
	758.43		09/28/22	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	0.68 "J"
	758.43		09/28/22	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	0.68 "J"
	764.98		04/05/23	<0.41	<0.41	<0.35	1.9 "JB"	<0.37	<0.16	0.6 "J"
	763.98		03/28/24	<0.41	<0.39	<0.41	2.4 "JB"	<0.39	<0.38	<0.20
			10/01/24	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	0.28 "J"
	761.99		03/20/25	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	0.86 "J"
	764.66		09/25/25	<0.63	<0.37	<0.38	<0.41	<0.47	<0.37	<0.012
		Trip Blank	11/04/98	<0.36	<0.34	<0.46	<1	<0.56	<0.39	<0.32
			12/15/98	<0.36	<0.34	<0.46	<1	<0.56	<0.39	<0.32
			12/26/98	<0.36	<0.34	<0.32	<1	<0.56	<0.39	<0.32
			02/08/99	<0.36	<0.34	<0.46	<1	<0.56	<0.39	<0.32
			04/24/01	<0.36	<1	<0.23	1.6 "J"	<0.25	<0.36	<0.23
			05/01/01	<0.36	<1	<0.23	<0.35	<0.25	<0.36	<0.23
			07/29/02	<0.13	<0.15	<0.13	<0.24	<0.10	<0.13	<0.18
			03/18/03	<0.17	<0.22	<0.16	<0.12	<0.17	<0.12	<0.10
			09/19/03	<0.17	<0.22	<0.16	<0.12	<0.17	<0.12	<0.10
			10/03/03	<0.17	<0.22	<0.16	<0.12	<0.17	<0.12	<0.10
			10/17/03	<0.17	<0.22	<0.16	<0.12	<0.17	<0.12	<0.10
			10/24/03	<0.17	<0.22	<0.16	<0.12	<0.17	<0.12	<0.10
			03/29/04	<0.41	<0.40	<0.35	<0.43	<0.31	<0.25	<0.11
			09/22/04	<0.41	<0.40	<0.35	<0.43	<0.31	<0.25	<0.11
			03/22/05	<0.41	<0.40	<0.35	<0.43	<0.31	<0.25	<0.11
			09/26/05	<0.20	<0.18	<0.18	<0.25	<0.16	<0.19	<0.20
			03/29/06	<0.15	<0.19	<0.17	<0.36	<0.16	<0.30	<0.20
			09/26/06	<0.14	<0.34	<0.21	<0.30	<0.16	<0.19	<0.17
			03/21/07	<0.24	<0.21	<0.22	<0.40	<0.21	<0.20	<0.17
			12/02/08	<0.41	<0.39	<0.3.8	<0.42	<0.35	<0.40	<0.15
			08/25/11	<0.20	<0.21	<0.23	<0.40	<0.15	<0.25	<0.15
			11/22/11	<0.21	<0.20	<0.26	2.1	<0.21	<0.17	<0.18
			02/22/12	<0.21	<0.20	<0.26	0.69	<0.21	<0.17	<0.18
			05/21/12	<0.20	<0.21	<0.19	<0.40	<0.15	<0.25	<0.15
			09/12/12	<0.20	<0.21	<0.19	<0.40	<0.15	<0.25	<0.15
			12/19/12	<0.20	<0.21	<0.19	<0.40	<0.15	<0.25	<0.15
			03/21/13	<0.17	<0.23	<0.18	<0.40	<0.16	<0.14	<0.11
			06/25/13	<0.29	<0.10	<0.32	<0.40	<0.22	<0.27	<0.17
			09/26/13	< 0.4	< 0.38	< 0.35	< 0.5	< 0.33	1.26	< 0.18
			03/25/14	<0.4	<0.38	<0.35	<0.5	<0.33	<0.33	<0.18
			09/22/15	<0.27	<0.26	<0.27	<0.23	<0.27	<0.18	<0.20
			03/27/18	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
			09/11/18	<0.35	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
			03/27/19	<0.35	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
			09/24/19	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
			03/11/20	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
			09/23/20	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
			03/23/21	<0.39	<0.41	<0.35	<1.7	<0.37	<0.16	<0.20
			09/22/21	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
			03/28/22	<0.39	<0.41	<0.35	<1.6	<0.37	<0.16	<0.20
			03/28/24	<0.41	<0.39	<0.41	1.9 "JB"	<0.39	<0.38	<0.20
			10/01/24	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	<0.20
			03/20/25	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	<0.20
			09/24/25	<0.48	<0.42	<0.44	<3.6	<0.39	<0.15	<0.20
		Field Blank	04/25/01	<0.36	<0.34	<0.46	<1	<0.56	<0.39	<0.32

NE

= not established

-

= not analyzed or data not collected

"J"

= analyte detected between Limit of Detection and Limit of Quantification

L

= probable laboratory contaminant

"B"

= compound found in blank and sample

ND

= not detected

*

= duplicate sample

XXX

= exceeds Chapter NR 140, Wisconsin Administrative Code (NR 140, Wis. Adm. Code) preventive action limit (PAL)

XXX

= exceeds NR 140, Wis. Adm. Code enforcement limit (ES)

Appendix A Laboratory Analytical Report and Chain of Custody Records



Confidential



ANALYTICAL REPORT

PREPARED FOR

Attn: Jiyan Hatami
Stantec Consulting Corporation
12308 Corporate Parkway
Suite 600
Mequon, Wisconsin 53092

Generated 10/13/2025 8:24:53 AM

JOB DESCRIPTION

Denow Landfill 193704196

JOB NUMBER

500-275331-1

Eurofins Chicago

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

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

Compliance Statement

The LOD and LOQ reported are adjusted by the dilution factor when a dilution factor greater than 1 is needed. Additionally, where results are indicated as being reported on a dry weight basis, the LOD and LOQ are adjusted for moisture content as well.

Definitions of Limits

- LOD = Limit of Detection = MDL as defined by 40 CFR part 136 Appendix B
- LOQ = Limit of Quantitation = $3.33 \times \text{LOD}$ as defined by Wisconsin
- RL = Report Limit = a concentration supported by a standard in the calibration curves

Authorization



Generated
10/13/2025 8:24:53 AM

Authorized for release by
Sandie Fredrick, Senior Project Manager
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Case Narrative

Client: Stantec Consulting Corporation
Project: Denow Landfill 193704196

Job ID: 500-275331-1

Job ID: 500-275331-1

Eurofins Chicago

Job Narrative 500-275331-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 9/27/2025 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.5°C.

Receipt Exceptions

Received 1 VOA vial for samples 1,2,4,12-14,20 & 22 broken.

Received 1 VOA vial for sample 15,19, & 21, 2 VOA vials for sample 17, and all 3 VOA vials for sample 11 with headspace.

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-836565 was below the method criteria for the following analyte(s): Bromomethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed in 500-836565 was above the method criteria for the following analyte(s): 1,2-Dibromo-3-Chloropropane, Dichlorodifluoromethane, Naphthalene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Trichlorofluoromethane, 1,2,3-Trichloropropane and Vinyl chloride. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The laboratory control sample (LCS) for analytical batch 500-836565 recovered outside control limits for the following analytes: 1,2-Dibromo-3-Chloropropane, Naphthalene, 1,2,3-Trichlorobenzene and Vinyl chloride. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The laboratory control sample duplicate (LCSD) for analytical batch 500-836565 recovered outside control limits for the following analytes: 1,2-Dibromo-3-Chloropropane, Naphthalene, 1,2,3-Trichlorobenzene and 1,2,4-Trichlorobenzene. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-836876 was below the method criteria for the following analyte(s): 1,1-Dichloroethene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The continuing calibration verification (CCV) analyzed in 500-836876 was above the method criteria for the following analyte(s): Bromomethane and Chloromethane. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 500-836876 recovered outside control limits for the following analytes: Bromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-3B1 (500-275331-8). Elevated reporting limits (RLs) are provided.

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Case Narrative

Client: Stantec Consulting Corporation
Project: Denow Landfill 193704196

Job ID: 500-275331-1

Job ID: 500-275331-1 (Continued)

Eurofins Chicago

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 500-836901 was below the method criteria for the following analyte(s): Bromomethane, Chloroethane, 1,2,3-Trichlorobenzene and Vinyl chloride. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D: The following analyte(s) recovered outside control limits for the LCSD associated with analytical batch 500-836901: Vinyl chloride. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

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

Field Service / Mobile Lab

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

Eurofins Chicago

Detection Summary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-1S

Lab Sample ID: 500-275331-1

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.42	J	0.50	0.15	ug/L	1		8260D	Total/NA
Depth to Water (ft from MP)	20.87				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	787.96				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-1D

Lab Sample ID: 500-275331-2

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	20.37				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	787.83				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-1B

Lab Sample ID: 500-275331-3

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.3		1.0	0.42	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	0.59	J	1.0	0.36	ug/L	1		8260D	Total/NA
Depth to Water (ft from MP)	20.59				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	787.72				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-2S

Lab Sample ID: 500-275331-4

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.2		1.0	0.42	ug/L	1		8260D	Total/NA
Tetrachloroethene	14		1.0	0.39	ug/L	1		8260D	Total/NA
1,1,1-Trichloroethane	0.86	J	1.0	0.45	ug/L	1		8260D	Total/NA
Trichloroethene	15		0.50	0.15	ug/L	1		8260D	Total/NA
Depth to Water (ft from MP)	22.19				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	787.83				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-2D

Lab Sample ID: 500-275331-5

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	53		1.0	0.42	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	0.85	J	1.0	0.36	ug/L	1		8260D	Total/NA
Tetrachloroethene	7.9		1.0	0.39	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	2.2		1.0	0.44	ug/L	1		8260D	Total/NA
Trichloroethene	29		0.50	0.15	ug/L	1		8260D	Total/NA
Vinyl chloride	0.73	J ^c *	1.0	0.20	ug/L	1		8260D	Total/NA
Depth to Water (ft from MP)	20.87				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	788.93				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-3S

Lab Sample ID: 500-275331-6

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.4		1.0	0.42	ug/L	1		8260D	Total/NA
Trichloroethene	0.83		0.50	0.15	ug/L	1		8260D	Total/NA
Depth to Water (ft from MP)	8.40				ft	1		Field Sampling	Total/NA
Field pH	7.25				SU	1		Field Sampling	Total/NA
Field Temperature	20.70				Degrees C	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	787.62				ft	1		Field Sampling	Total/NA
Specific Conductance	822				umhos/cm	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-3D

Lab Sample ID: 500-275331-7

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	32		1.0	0.42	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	1.7		1.0	0.36	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.9		1.0	0.44	ug/L	1		8260D	Total/NA
Vinyl chloride	1.4		1.0	0.20	ug/L	1		8260D	Total/NA
Depth to Water (ft from MP)	8.03				ft	1		Field Sampling	Total/NA
Field pH	7.37				SU	1		Field Sampling	Total/NA
Field Temperature	19.10				Degrees C	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	787.79				ft	1		Field Sampling	Total/NA
Specific Conductance	1225				umhos/cm	1		Field Sampling	Total/NA

Client Sample ID: MW-3B1

Lab Sample ID: 500-275331-8

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	390		5.0	2.1	ug/L	5		8260D	Total/NA
1,1-Dichloroethene	3.0	J ^c	5.0	2.4	ug/L	5		8260D	Total/NA
trans-1,2-Dichloroethene	4.3	J	5.0	2.2	ug/L	5		8260D	Total/NA
Vinyl chloride	250		5.0	1.0	ug/L	5		8260D	Total/NA
Depth to Water (ft from MP)	9.91				ft	1		Field Sampling	Total/NA
Field pH	7.56				SU	1		Field Sampling	Total/NA
Field Temperature	15.30				Degrees C	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	786.59				ft	1		Field Sampling	Total/NA
Specific Conductance	1019				umhos/cm	1		Field Sampling	Total/NA

Client Sample ID: MW-3B2

Lab Sample ID: 500-275331-9

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.2		1.0	0.36	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	3.7	^c	1.0	0.48	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	11		1.0	0.44	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene - DL	500		10	4.2	ug/L	10		8260D	Total/NA
Vinyl chloride - DL	440	^c *	10	2.0	ug/L	10		8260D	Total/NA
Depth to Water (ft from MP)	10.86				ft	1		Field Sampling	Total/NA
Field pH	7.59				SU	1		Field Sampling	Total/NA
Field Temperature	14.60				Degrees C	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	785.47				ft	1		Field Sampling	Total/NA
Specific Conductance	1152				umhos/cm	1		Field Sampling	Total/NA

Client Sample ID: DUP-1

Lab Sample ID: 500-275331-10

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	2.6		1.0	0.36	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	4.2		1.0	0.48	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	12		1.0	0.44	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene - DL	530		10	4.2	ug/L	10		8260D	Total/NA
Vinyl chloride - DL	230	^c *	10	2.0	ug/L	10		8260D	Total/NA

Client Sample ID: MW-4D

Lab Sample ID: 500-275331-11

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	14.73				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	787.87				ft	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-6D

Lab Sample ID: 500-275331-12

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.4		1.0	0.42	ug/L	1		8260D	Total/NA
Vinyl chloride	1.2		1.0	0.20	ug/L	1		8260D	Total/NA
Depth to Water (ft from MP)	17.58				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	781.8				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-6B

Lab Sample ID: 500-275331-13

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		1.0	0.42	ug/L	1		8260D	Total/NA
Depth to Water (ft from MP)	17.30				ft	1		Field Sampling	Total/NA
Field pH	7.42				SU	1		Field Sampling	Total/NA
Field Temperature	17.00				Degrees C	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	781.75				ft	1		Field Sampling	Total/NA
Specific Conductance	835				umhos/cm	1		Field Sampling	Total/NA

Client Sample ID: MW-8S

Lab Sample ID: 500-275331-14

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.85	J	1.0	0.42	ug/L	1		8260D	Total/NA
Tetrachloroethene	18		1.0	0.39	ug/L	1		8260D	Total/NA
Trichloroethene	7.6		0.50	0.15	ug/L	1		8260D	Total/NA
Depth to Water (ft from MP)	18.71				ft	1		Field Sampling	Total/NA
Field pH	7.35				SU	1		Field Sampling	Total/NA
Field Temperature	12.40				Degrees C	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	788.96				ft	1		Field Sampling	Total/NA
Specific Conductance	846				umhos/cm	1		Field Sampling	Total/NA

Client Sample ID: MW-8B

Lab Sample ID: 500-275331-15

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13		1.0	0.42	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	1.3		1.0	0.36	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.39	J	1.0	0.39	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.1		1.0	0.44	ug/L	1		8260D	Total/NA
Trichloroethene	0.58		0.50	0.15	ug/L	1		8260D	Total/NA
Vinyl chloride	19		1.0	0.20	ug/L	1		8260D	Total/NA
Depth to Water (ft from MP)	19.18				ft	1		Field Sampling	Total/NA
Field pH	7.49				SU	1		Field Sampling	Total/NA
Field Temperature	10.80				Degrees C	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	788.85				ft	1		Field Sampling	Total/NA
Specific Conductance	1238				umhos/cm	1		Field Sampling	Total/NA

Client Sample ID: MW-9S

Lab Sample ID: 500-275331-16

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	6.72				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	787.33				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-9B

Lab Sample ID: 500-275331-17

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	46		1.0	0.42	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	4.7		1.0	0.36	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-9B (Continued)

Lab Sample ID: 500-275331-17

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
trans-1,2-Dichloroethene	0.76	J	1.0	0.44	ug/L	1		8260D	Total/NA
Trichloroethene	0.45	J	0.50	0.15	ug/L	1		8260D	Total/NA
Vinyl chloride	9.7		1.0	0.20	ug/L	1		8260D	Total/NA
Depth to Water (ft from MP)	6.35				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	787.37				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-10S

Lab Sample ID: 500-275331-18

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.8		0.50	0.15	ug/L	1		8260D	Total/NA
Depth to Water (ft from MP)	18.66				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	787.67				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-12S

Lab Sample ID: 500-275331-19

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.21	J	0.50	0.15	ug/L	1		8260D	Total/NA
Depth to Water (ft from MP)	30.70				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	788.04				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-12B

Lab Sample ID: 500-275331-20

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	32		1.0	0.42	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	3.4		1.0	0.36	ug/L	1		8260D	Total/NA
Tetrachloroethene	6.0		1.0	0.39	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.2		1.0	0.44	ug/L	1		8260D	Total/NA
Trichloroethene	12		0.50	0.15	ug/L	1		8260D	Total/NA
Vinyl chloride	2.6		1.0	0.20	ug/L	1		8260D	Total/NA
Depth to Water (ft from MP)	31.04				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	787.45				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-13S

Lab Sample ID: 500-275331-21

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		1.0	0.42	ug/L	1		8260D	Total/NA
Trichloroethene	5.3		0.50	0.15	ug/L	1		8260D	Total/NA
Depth to Water (ft from MP)	7.13				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	788.13				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-13B

Lab Sample ID: 500-275331-22

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.5		1.0	0.42	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	0.63	J	1.0	0.36	ug/L	1		8260D	Total/NA
Trichloroethene	2.0		0.50	0.15	ug/L	1		8260D	Total/NA
Vinyl chloride	0.26	J	1.0	0.20	ug/L	1		8260D	Total/NA
Depth to Water (ft from MP)	7.86				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	788.02				ft	1		Field Sampling	Total/NA

Client Sample ID: Trip Blank-HCL

Lab Sample ID: 500-275331-23

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-4S

Lab Sample ID: 500-275331-24

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	11.49				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	791.4				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-5S

Lab Sample ID: 500-275331-25

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	6.30				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	794.25				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-5D

Lab Sample ID: 500-275331-26

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	17.11				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	783.33				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-6S

Lab Sample ID: 500-275331-27

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	10.31				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	789.15				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-7S

Lab Sample ID: 500-275331-28

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	18.60				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	783.07				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-7D

Lab Sample ID: 500-275331-29

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	22.85				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	778.54				ft	1		Field Sampling	Total/NA

Client Sample ID: MW-11S

Lab Sample ID: 500-275331-30

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Depth to Water (ft from MP)	33.57				ft	1		Field Sampling	Total/NA
Groundwater Elevation (ft MSL)	787.46				ft	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Method Summary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
Field Sampling	Field Sampling	EPA	EET CHI
5030B	Purge and Trap	SW846	EET CHI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-275331-1	MW-1S	Water	09/24/25 13:00	09/27/25 09:30	Wisconsin
500-275331-2	MW-1D	Water	09/24/25 13:25	09/27/25 09:30	Wisconsin
500-275331-3	MW-1B	Water	09/24/25 13:15	09/27/25 09:30	Wisconsin
500-275331-4	MW-2S	Water	09/24/25 11:05	09/27/25 09:30	Wisconsin
500-275331-5	MW-2D	Water	09/24/25 11:00	09/27/25 09:30	Wisconsin
500-275331-6	MW-3S	Water	09/25/25 13:25	09/27/25 09:30	Wisconsin
500-275331-7	MW-3D	Water	09/25/25 13:20	09/27/25 09:30	Wisconsin
500-275331-8	MW-3B1	Water	09/25/25 14:00	09/27/25 09:30	Wisconsin
500-275331-9	MW-3B2	Water	09/25/25 14:20	09/27/25 09:30	Wisconsin
500-275331-10	DUP-1	Water	09/25/25 14:22	09/27/25 09:30	Wisconsin
500-275331-11	MW-4D	Water	09/24/25 11:50	09/27/25 09:30	Wisconsin
500-275331-12	MW-6D	Water	09/24/25 09:00	09/27/25 09:30	Wisconsin
500-275331-13	MW-6B	Water	09/24/25 09:04	09/27/25 09:30	Wisconsin
500-275331-14	MW-8S	Water	09/24/25 14:30	09/27/25 09:30	Wisconsin
500-275331-15	MW-8B	Water	09/24/25 14:35	09/27/25 09:30	Wisconsin
500-275331-16	MW-9S	Water	09/24/25 10:40	09/27/25 09:30	Wisconsin
500-275331-17	MW-9B	Water	09/24/25 10:30	09/27/25 09:30	Wisconsin
500-275331-18	MW-10S	Water	09/25/25 12:30	09/27/25 09:30	Wisconsin
500-275331-19	MW-12S	Water	09/24/25 15:15	09/27/25 09:30	Wisconsin
500-275331-20	MW-12B	Water	09/24/25 15:15	09/27/25 09:30	Wisconsin
500-275331-21	MW-13S	Water	09/25/25 16:10	09/27/25 09:30	Wisconsin
500-275331-22	MW-13B	Water	09/25/25 16:15	09/27/25 09:30	Wisconsin
500-275331-23	Trip Blank-HCL	Water	09/24/25 00:00	09/27/25 09:30	Wisconsin
500-275331-24	MW-4S	Water	09/24/25 00:00	09/27/25 09:30	Wisconsin
500-275331-25	MW-5S	Water	09/24/25 00:00	09/27/25 09:30	Wisconsin
500-275331-26	MW-5D	Water	09/24/25 00:00	09/27/25 09:30	Wisconsin
500-275331-27	MW-6S	Water	09/24/25 00:00	09/27/25 09:30	Wisconsin
500-275331-28	MW-7S	Water	09/24/25 00:00	09/27/25 09:30	Wisconsin
500-275331-29	MW-7D	Water	09/24/25 00:00	09/27/25 09:30	Wisconsin
500-275331-30	MW-11S	Water	09/24/25 00:00	09/27/25 09:30	Wisconsin

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-1S

Lab Sample ID: 500-275331-1

Date Collected: 09/24/25 13:00

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/02/25 14:02	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/02/25 14:02	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/02/25 14:02	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/02/25 14:02	1
Bromoform	<0.96		1.0	0.96	ug/L			10/02/25 14:02	1
Bromomethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 14:02	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/02/25 14:02	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 14:02	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/02/25 14:02	1
Chloroform	<0.92		2.0	0.92	ug/L			10/02/25 14:02	1
Chloromethane	<0.79		5.0	0.79	ug/L			10/02/25 14:02	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/02/25 14:02	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/02/25 14:02	1
cis-1,2-Dichloroethene	<0.42		1.0	0.42	ug/L			10/02/25 14:02	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/02/25 14:02	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/02/25 14:02	1
1,2-Dibromo-3-Chloropropane	<3.9	^c *	5.0	3.9	ug/L			10/02/25 14:02	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/02/25 14:02	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/02/25 14:02	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/02/25 14:02	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 14:02	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/02/25 14:02	1
Dichlorodifluoromethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 14:02	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			10/02/25 14:02	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/02/25 14:02	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			10/02/25 14:02	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/02/25 14:02	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/02/25 14:02	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/02/25 14:02	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/02/25 14:02	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/02/25 14:02	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/02/25 14:02	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 14:02	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/02/25 14:02	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/02/25 14:02	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/02/25 14:02	1
Naphthalene	<0.44	^c *	1.0	0.44	ug/L			10/02/25 14:02	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/02/25 14:02	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/02/25 14:02	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/02/25 14:02	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 14:02	1
Styrene	<0.31		1.0	0.31	ug/L			10/02/25 14:02	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 14:02	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/02/25 14:02	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/02/25 14:02	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/02/25 14:02	1
Toluene	<0.21		0.50	0.21	ug/L			10/02/25 14:02	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			10/02/25 14:02	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/02/25 14:02	1

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Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-1S

Lab Sample ID: 500-275331-1

Date Collected: 09/24/25 13:00

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35	^c *	1.0	0.35	ug/L			10/02/25 14:02	1
1,2,4-Trichlorobenzene	<0.31	^c *	1.0	0.31	ug/L			10/02/25 14:02	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/02/25 14:02	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/02/25 14:02	1
Trichloroethene	0.42	J	0.50	0.15	ug/L			10/02/25 14:02	1
Trichlorofluoromethane	<0.44	^c	1.0	0.44	ug/L			10/02/25 14:02	1
1,2,3-Trichloropropane	<1.5	^c	2.0	1.5	ug/L			10/02/25 14:02	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/02/25 14:02	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 14:02	1
Vinyl chloride	<0.20	^c *	1.0	0.20	ug/L			10/02/25 14:02	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/02/25 14:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		72 - 124		10/02/25 14:02	1
Dibromofluoromethane (Surr)	101		75 - 120		10/02/25 14:02	1
1,2-Dichloroethane-d4 (Surr)	108		75 - 126		10/02/25 14:02	1
Toluene-d8 (Surr)	101		75 - 120		10/02/25 14:02	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	20.87				ft			09/24/25 13:00	1
Groundwater Elevation (ft MSL)	787.96				ft			09/24/25 13:00	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-1D

Lab Sample ID: 500-275331-2

Date Collected: 09/24/25 13:25

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/02/25 14:28	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/02/25 14:28	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/02/25 14:28	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/02/25 14:28	1
Bromoform	<0.96		1.0	0.96	ug/L			10/02/25 14:28	1
Bromomethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 14:28	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/02/25 14:28	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 14:28	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/02/25 14:28	1
Chloroform	<0.92		2.0	0.92	ug/L			10/02/25 14:28	1
Chloromethane	<0.79		5.0	0.79	ug/L			10/02/25 14:28	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/02/25 14:28	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/02/25 14:28	1
cis-1,2-Dichloroethene	<0.42		1.0	0.42	ug/L			10/02/25 14:28	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/02/25 14:28	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/02/25 14:28	1
1,2-Dibromo-3-Chloropropane	<3.9	^c *	5.0	3.9	ug/L			10/02/25 14:28	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/02/25 14:28	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/02/25 14:28	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/02/25 14:28	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 14:28	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/02/25 14:28	1
Dichlorodifluoromethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 14:28	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			10/02/25 14:28	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/02/25 14:28	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			10/02/25 14:28	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/02/25 14:28	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/02/25 14:28	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/02/25 14:28	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/02/25 14:28	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/02/25 14:28	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/02/25 14:28	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 14:28	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/02/25 14:28	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/02/25 14:28	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/02/25 14:28	1
Naphthalene	<0.44	^c *	1.0	0.44	ug/L			10/02/25 14:28	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/02/25 14:28	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/02/25 14:28	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/02/25 14:28	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 14:28	1
Styrene	<0.31		1.0	0.31	ug/L			10/02/25 14:28	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 14:28	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/02/25 14:28	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/02/25 14:28	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/02/25 14:28	1
Toluene	<0.21		0.50	0.21	ug/L			10/02/25 14:28	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			10/02/25 14:28	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/02/25 14:28	1

Euofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-1D

Lab Sample ID: 500-275331-2

Date Collected: 09/24/25 13:25

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35	^c *	1.0	0.35	ug/L			10/02/25 14:28	1
1,2,4-Trichlorobenzene	<0.31	^c *	1.0	0.31	ug/L			10/02/25 14:28	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/02/25 14:28	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/02/25 14:28	1
Trichloroethene	<0.15		0.50	0.15	ug/L			10/02/25 14:28	1
Trichlorofluoromethane	<0.44	^c	1.0	0.44	ug/L			10/02/25 14:28	1
1,2,3-Trichloropropane	<1.5	^c	2.0	1.5	ug/L			10/02/25 14:28	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/02/25 14:28	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 14:28	1
Vinyl chloride	<0.20	^c *	1.0	0.20	ug/L			10/02/25 14:28	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/02/25 14:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		72 - 124		10/02/25 14:28	1
Dibromofluoromethane (Surr)	99		75 - 120		10/02/25 14:28	1
1,2-Dichloroethane-d4 (Surr)	108		75 - 126		10/02/25 14:28	1
Toluene-d8 (Surr)	103		75 - 120		10/02/25 14:28	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	20.37				ft			09/24/25 13:25	1
Groundwater Elevation (ft MSL)	787.83				ft			09/24/25 13:25	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-1B

Lab Sample ID: 500-275331-3

Date Collected: 09/24/25 13:15

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/02/25 14:53	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/02/25 14:53	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/02/25 14:53	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/02/25 14:53	1
Bromoform	<0.96		1.0	0.96	ug/L			10/02/25 14:53	1
Bromomethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 14:53	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/02/25 14:53	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 14:53	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/02/25 14:53	1
Chloroform	<0.92		2.0	0.92	ug/L			10/02/25 14:53	1
Chloromethane	<0.79		5.0	0.79	ug/L			10/02/25 14:53	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/02/25 14:53	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/02/25 14:53	1
cis-1,2-Dichloroethene	1.3		1.0	0.42	ug/L			10/02/25 14:53	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/02/25 14:53	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/02/25 14:53	1
1,2-Dibromo-3-Chloropropane	<3.9	^c *	5.0	3.9	ug/L			10/02/25 14:53	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/02/25 14:53	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/02/25 14:53	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/02/25 14:53	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 14:53	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/02/25 14:53	1
Dichlorodifluoromethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 14:53	1
1,1-Dichloroethane	0.59	J	1.0	0.36	ug/L			10/02/25 14:53	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/02/25 14:53	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			10/02/25 14:53	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/02/25 14:53	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/02/25 14:53	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/02/25 14:53	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/02/25 14:53	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/02/25 14:53	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/02/25 14:53	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 14:53	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/02/25 14:53	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/02/25 14:53	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/02/25 14:53	1
Naphthalene	<0.44	^c *	1.0	0.44	ug/L			10/02/25 14:53	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/02/25 14:53	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/02/25 14:53	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/02/25 14:53	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 14:53	1
Styrene	<0.31		1.0	0.31	ug/L			10/02/25 14:53	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 14:53	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/02/25 14:53	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/02/25 14:53	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/02/25 14:53	1
Toluene	<0.21		0.50	0.21	ug/L			10/02/25 14:53	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			10/02/25 14:53	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/02/25 14:53	1

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-1B

Lab Sample ID: 500-275331-3

Date Collected: 09/24/25 13:15

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35	^c *	1.0	0.35	ug/L			10/02/25 14:53	1
1,2,4-Trichlorobenzene	<0.31	^c *	1.0	0.31	ug/L			10/02/25 14:53	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/02/25 14:53	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/02/25 14:53	1
Trichloroethene	<0.15		0.50	0.15	ug/L			10/02/25 14:53	1
Trichlorofluoromethane	<0.44	^c	1.0	0.44	ug/L			10/02/25 14:53	1
1,2,3-Trichloropropane	<1.5	^c	2.0	1.5	ug/L			10/02/25 14:53	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/02/25 14:53	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 14:53	1
Vinyl chloride	<0.20	^c *	1.0	0.20	ug/L			10/02/25 14:53	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/02/25 14:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		72 - 124		10/02/25 14:53	1
Dibromofluoromethane (Surr)	101		75 - 120		10/02/25 14:53	1
1,2-Dichloroethane-d4 (Surr)	109		75 - 126		10/02/25 14:53	1
Toluene-d8 (Surr)	102		75 - 120		10/02/25 14:53	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	20.59				ft			09/24/25 13:15	1
Groundwater Elevation (ft MSL)	787.72				ft			09/24/25 13:15	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-2S

Lab Sample ID: 500-275331-4

Date Collected: 09/24/25 11:05

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/02/25 15:19	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/02/25 15:19	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/02/25 15:19	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/02/25 15:19	1
Bromoform	<0.96		1.0	0.96	ug/L			10/02/25 15:19	1
Bromomethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 15:19	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/02/25 15:19	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 15:19	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/02/25 15:19	1
Chloroform	<0.92		2.0	0.92	ug/L			10/02/25 15:19	1
Chloromethane	<0.79		5.0	0.79	ug/L			10/02/25 15:19	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/02/25 15:19	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/02/25 15:19	1
cis-1,2-Dichloroethene	5.2		1.0	0.42	ug/L			10/02/25 15:19	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/02/25 15:19	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/02/25 15:19	1
1,2-Dibromo-3-Chloropropane	<3.9	^c *	5.0	3.9	ug/L			10/02/25 15:19	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/02/25 15:19	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/02/25 15:19	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/02/25 15:19	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 15:19	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/02/25 15:19	1
Dichlorodifluoromethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 15:19	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			10/02/25 15:19	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/02/25 15:19	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			10/02/25 15:19	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/02/25 15:19	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/02/25 15:19	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/02/25 15:19	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/02/25 15:19	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/02/25 15:19	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/02/25 15:19	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 15:19	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/02/25 15:19	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/02/25 15:19	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/02/25 15:19	1
Naphthalene	<0.44	^c *	1.0	0.44	ug/L			10/02/25 15:19	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/02/25 15:19	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/02/25 15:19	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/02/25 15:19	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 15:19	1
Styrene	<0.31		1.0	0.31	ug/L			10/02/25 15:19	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 15:19	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/02/25 15:19	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/02/25 15:19	1
Tetrachloroethene	14		1.0	0.39	ug/L			10/02/25 15:19	1
Toluene	<0.21		0.50	0.21	ug/L			10/02/25 15:19	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			10/02/25 15:19	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/02/25 15:19	1

Euofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-2S

Lab Sample ID: 500-275331-4

Date Collected: 09/24/25 11:05

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35	^c *	1.0	0.35	ug/L			10/02/25 15:19	1
1,2,4-Trichlorobenzene	<0.31	^c *	1.0	0.31	ug/L			10/02/25 15:19	1
1,1,1-Trichloroethane	0.86	J	1.0	0.45	ug/L			10/02/25 15:19	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/02/25 15:19	1
Trichloroethene	15		0.50	0.15	ug/L			10/02/25 15:19	1
Trichlorofluoromethane	<0.44	^c	1.0	0.44	ug/L			10/02/25 15:19	1
1,2,3-Trichloropropane	<1.5	^c	2.0	1.5	ug/L			10/02/25 15:19	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/02/25 15:19	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 15:19	1
Vinyl chloride	<0.20	^c *	1.0	0.20	ug/L			10/02/25 15:19	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/02/25 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		72 - 124		10/02/25 15:19	1
Dibromofluoromethane (Surr)	102		75 - 120		10/02/25 15:19	1
1,2-Dichloroethane-d4 (Surr)	111		75 - 126		10/02/25 15:19	1
Toluene-d8 (Surr)	102		75 - 120		10/02/25 15:19	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	22.19				ft			09/24/25 11:05	1
Groundwater Elevation (ft MSL)	787.83				ft			09/24/25 11:05	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-2D

Lab Sample ID: 500-275331-5

Date Collected: 09/24/25 11:00

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/02/25 15:44	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/02/25 15:44	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/02/25 15:44	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/02/25 15:44	1
Bromoform	<0.96		1.0	0.96	ug/L			10/02/25 15:44	1
Bromomethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 15:44	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/02/25 15:44	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 15:44	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/02/25 15:44	1
Chloroform	<0.92		2.0	0.92	ug/L			10/02/25 15:44	1
Chloromethane	<0.79		5.0	0.79	ug/L			10/02/25 15:44	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/02/25 15:44	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/02/25 15:44	1
cis-1,2-Dichloroethene	53		1.0	0.42	ug/L			10/02/25 15:44	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/02/25 15:44	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/02/25 15:44	1
1,2-Dibromo-3-Chloropropane	<3.9	^c *	5.0	3.9	ug/L			10/02/25 15:44	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/02/25 15:44	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/02/25 15:44	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/02/25 15:44	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 15:44	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/02/25 15:44	1
Dichlorodifluoromethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 15:44	1
1,1-Dichloroethane	0.85	J	1.0	0.36	ug/L			10/02/25 15:44	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/02/25 15:44	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			10/02/25 15:44	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/02/25 15:44	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/02/25 15:44	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/02/25 15:44	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/02/25 15:44	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/02/25 15:44	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/02/25 15:44	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 15:44	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/02/25 15:44	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/02/25 15:44	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/02/25 15:44	1
Naphthalene	<0.44	^c *	1.0	0.44	ug/L			10/02/25 15:44	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/02/25 15:44	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/02/25 15:44	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/02/25 15:44	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 15:44	1
Styrene	<0.31		1.0	0.31	ug/L			10/02/25 15:44	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 15:44	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/02/25 15:44	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/02/25 15:44	1
Tetrachloroethene	7.9		1.0	0.39	ug/L			10/02/25 15:44	1
Toluene	<0.21		0.50	0.21	ug/L			10/02/25 15:44	1
trans-1,2-Dichloroethene	2.2		1.0	0.44	ug/L			10/02/25 15:44	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/02/25 15:44	1

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Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-2D

Lab Sample ID: 500-275331-5

Date Collected: 09/24/25 11:00

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35	^c *	1.0	0.35	ug/L			10/02/25 15:44	1
1,2,4-Trichlorobenzene	<0.31	^c *	1.0	0.31	ug/L			10/02/25 15:44	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/02/25 15:44	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/02/25 15:44	1
Trichloroethene	29		0.50	0.15	ug/L			10/02/25 15:44	1
Trichlorofluoromethane	<0.44	^c	1.0	0.44	ug/L			10/02/25 15:44	1
1,2,3-Trichloropropane	<1.5	^c	2.0	1.5	ug/L			10/02/25 15:44	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/02/25 15:44	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 15:44	1
Vinyl chloride	0.73	J ^c *	1.0	0.20	ug/L			10/02/25 15:44	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/02/25 15:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		72 - 124		10/02/25 15:44	1
Dibromofluoromethane (Surr)	100		75 - 120		10/02/25 15:44	1
1,2-Dichloroethane-d4 (Surr)	111		75 - 126		10/02/25 15:44	1
Toluene-d8 (Surr)	101		75 - 120		10/02/25 15:44	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	20.87				ft			09/24/25 11:00	1
Groundwater Elevation (ft MSL)	788.93				ft			09/24/25 11:00	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-3S

Lab Sample ID: 500-275331-6

Date Collected: 09/25/25 13:25

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/02/25 16:10	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/02/25 16:10	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/02/25 16:10	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/02/25 16:10	1
Bromoform	<0.96		1.0	0.96	ug/L			10/02/25 16:10	1
Bromomethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 16:10	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/02/25 16:10	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 16:10	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/02/25 16:10	1
Chloroform	<0.92		2.0	0.92	ug/L			10/02/25 16:10	1
Chloromethane	<0.79		5.0	0.79	ug/L			10/02/25 16:10	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/02/25 16:10	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/02/25 16:10	1
cis-1,2-Dichloroethene	2.4		1.0	0.42	ug/L			10/02/25 16:10	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/02/25 16:10	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/02/25 16:10	1
1,2-Dibromo-3-Chloropropane	<3.9	^c *	5.0	3.9	ug/L			10/02/25 16:10	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/02/25 16:10	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/02/25 16:10	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/02/25 16:10	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 16:10	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/02/25 16:10	1
Dichlorodifluoromethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 16:10	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			10/02/25 16:10	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/02/25 16:10	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			10/02/25 16:10	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/02/25 16:10	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/02/25 16:10	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/02/25 16:10	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/02/25 16:10	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/02/25 16:10	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/02/25 16:10	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 16:10	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/02/25 16:10	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/02/25 16:10	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/02/25 16:10	1
Naphthalene	<0.44	^c *	1.0	0.44	ug/L			10/02/25 16:10	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/02/25 16:10	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/02/25 16:10	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/02/25 16:10	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 16:10	1
Styrene	<0.31		1.0	0.31	ug/L			10/02/25 16:10	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 16:10	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/02/25 16:10	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/02/25 16:10	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/02/25 16:10	1
Toluene	<0.21		0.50	0.21	ug/L			10/02/25 16:10	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			10/02/25 16:10	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/02/25 16:10	1

Euofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-3S

Lab Sample ID: 500-275331-6

Date Collected: 09/25/25 13:25

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35	^c *	1.0	0.35	ug/L			10/02/25 16:10	1
1,2,4-Trichlorobenzene	<0.31	^c *	1.0	0.31	ug/L			10/02/25 16:10	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/02/25 16:10	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/02/25 16:10	1
Trichloroethene	0.83		0.50	0.15	ug/L			10/02/25 16:10	1
Trichlorofluoromethane	<0.44	^c	1.0	0.44	ug/L			10/02/25 16:10	1
1,2,3-Trichloropropane	<1.5	^c	2.0	1.5	ug/L			10/02/25 16:10	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/02/25 16:10	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 16:10	1
Vinyl chloride	<0.20	^c *	1.0	0.20	ug/L			10/02/25 16:10	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/02/25 16:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		72 - 124		10/02/25 16:10	1
Dibromofluoromethane (Surr)	98		75 - 120		10/02/25 16:10	1
1,2-Dichloroethane-d4 (Surr)	108		75 - 126		10/02/25 16:10	1
Toluene-d8 (Surr)	102		75 - 120		10/02/25 16:10	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	8.40				ft			09/25/25 13:25	1
Field pH	7.25				SU			09/25/25 13:25	1
Field Temperature	20.70				Degrees C			09/25/25 13:25	1
Groundwater Elevation (ft MSL)	787.62				ft			09/25/25 13:25	1
Specific Conductance	822				umhos/cm			09/25/25 13:25	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-3D

Lab Sample ID: 500-275331-7

Date Collected: 09/25/25 13:20

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/05/25 17:10	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/05/25 17:10	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/05/25 17:10	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/05/25 17:10	1
Bromoform	<0.96		1.0	0.96	ug/L			10/05/25 17:10	1
Bromomethane	<1.8	^c *	3.0	1.8	ug/L			10/05/25 17:10	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/05/25 17:10	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/05/25 17:10	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/05/25 17:10	1
Chloroform	<0.92		2.0	0.92	ug/L			10/05/25 17:10	1
Chloromethane	<0.79	^c	5.0	0.79	ug/L			10/05/25 17:10	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/05/25 17:10	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/05/25 17:10	1
cis-1,2-Dichloroethene	32		1.0	0.42	ug/L			10/05/25 17:10	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/05/25 17:10	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/05/25 17:10	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			10/05/25 17:10	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/05/25 17:10	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/05/25 17:10	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/05/25 17:10	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/05/25 17:10	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/05/25 17:10	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			10/05/25 17:10	1
1,1-Dichloroethane	1.7		1.0	0.36	ug/L			10/05/25 17:10	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/05/25 17:10	1
1,1,1-Dichloroethene	<0.48	^c	1.0	0.48	ug/L			10/05/25 17:10	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/05/25 17:10	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/05/25 17:10	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/05/25 17:10	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/05/25 17:10	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/05/25 17:10	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/05/25 17:10	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/05/25 17:10	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/05/25 17:10	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/05/25 17:10	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/05/25 17:10	1
Naphthalene	<0.44		1.0	0.44	ug/L			10/05/25 17:10	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/05/25 17:10	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/05/25 17:10	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/05/25 17:10	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/05/25 17:10	1
Styrene	<0.31		1.0	0.31	ug/L			10/05/25 17:10	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/05/25 17:10	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/05/25 17:10	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/05/25 17:10	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/05/25 17:10	1
Toluene	<0.21		0.50	0.21	ug/L			10/05/25 17:10	1
trans-1,2-Dichloroethene	1.9		1.0	0.44	ug/L			10/05/25 17:10	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/05/25 17:10	1

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-3D

Lab Sample ID: 500-275331-7

Date Collected: 09/25/25 13:20

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			10/05/25 17:10	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/05/25 17:10	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/05/25 17:10	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/05/25 17:10	1
Trichloroethene	<0.15		0.50	0.15	ug/L			10/05/25 17:10	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			10/05/25 17:10	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			10/05/25 17:10	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/05/25 17:10	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/05/25 17:10	1
Vinyl chloride	1.4		1.0	0.20	ug/L			10/05/25 17:10	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/05/25 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124		10/05/25 17:10	1
Dibromofluoromethane (Surr)	97		75 - 120		10/05/25 17:10	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126		10/05/25 17:10	1
Toluene-d8 (Surr)	106		75 - 120		10/05/25 17:10	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	8.03				ft			09/25/25 13:20	1
Field pH	7.37				SU			09/25/25 13:20	1
Field Temperature	19.10				Degrees C			09/25/25 13:20	1
Groundwater Elevation (ft MSL)	787.79				ft			09/25/25 13:20	1
Specific Conductance	1225				umhos/cm			09/25/25 13:20	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-3B1

Lab Sample ID: 500-275331-8

Date Collected: 09/25/25 14:00

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.88		2.5	0.88	ug/L			10/05/25 21:19	5
Bromobenzene	<3.0		5.0	3.0	ug/L			10/05/25 21:19	5
Bromochloromethane	<2.5		5.0	2.5	ug/L			10/05/25 21:19	5
Bromodichloromethane	<2.8		5.0	2.8	ug/L			10/05/25 21:19	5
Bromoform	<4.8		5.0	4.8	ug/L			10/05/25 21:19	5
Bromomethane	<9.0	^c *	15	9.0	ug/L			10/05/25 21:19	5
Carbon tetrachloride	<2.1		5.0	2.1	ug/L			10/05/25 21:19	5
Chlorobenzene	<2.1		5.0	2.1	ug/L			10/05/25 21:19	5
Chloroethane	<2.4		25	2.4	ug/L			10/05/25 21:19	5
Chloroform	<4.6		10	4.6	ug/L			10/05/25 21:19	5
Chloromethane	<3.9	^c	25	3.9	ug/L			10/05/25 21:19	5
2-Chlorotoluene	<1.8		5.0	1.8	ug/L			10/05/25 21:19	5
4-Chlorotoluene	<1.7		5.0	1.7	ug/L			10/05/25 21:19	5
cis-1,2-Dichloroethene	390		5.0	2.1	ug/L			10/05/25 21:19	5
cis-1,3-Dichloropropene	<2.6		5.0	2.6	ug/L			10/05/25 21:19	5
Dibromochloromethane	<4.1		5.0	4.1	ug/L			10/05/25 21:19	5
1,2-Dibromo-3-Chloropropane	<19		25	19	ug/L			10/05/25 21:19	5
1,2-Dibromoethane (EDB)	<2.8		5.0	2.8	ug/L			10/05/25 21:19	5
Dibromomethane	<2.9		5.0	2.9	ug/L			10/05/25 21:19	5
1,2-Dichlorobenzene	<2.4		5.0	2.4	ug/L			10/05/25 21:19	5
1,3-Dichlorobenzene	<2.0		5.0	2.0	ug/L			10/05/25 21:19	5
1,4-Dichlorobenzene	<2.3		5.0	2.3	ug/L			10/05/25 21:19	5
Dichlorodifluoromethane	<8.9		15	8.9	ug/L			10/05/25 21:19	5
1,1-Dichloroethane	<1.8		5.0	1.8	ug/L			10/05/25 21:19	5
1,2-Dichloroethane	<2.9		5.0	2.9	ug/L			10/05/25 21:19	5
1,1-Dichloroethene	3.0	J ^c	5.0	2.4	ug/L			10/05/25 21:19	5
1,2-Dichloropropane	<1.9		5.0	1.9	ug/L			10/05/25 21:19	5
1,3-Dichloropropane	<2.8		5.0	2.8	ug/L			10/05/25 21:19	5
2,2-Dichloropropane	<2.4		25	2.4	ug/L			10/05/25 21:19	5
1,1-Dichloropropene	<1.7		5.0	1.7	ug/L			10/05/25 21:19	5
Ethylbenzene	<1.0		2.5	1.0	ug/L			10/05/25 21:19	5
Hexachlorobutadiene	<2.7		5.0	2.7	ug/L			10/05/25 21:19	5
Isopropylbenzene	<1.5		5.0	1.5	ug/L			10/05/25 21:19	5
Isopropyl ether	<1.9		5.0	1.9	ug/L			10/05/25 21:19	5
Methylene Chloride	<18		25	18	ug/L			10/05/25 21:19	5
Methyl tert-butyl ether	<2.2		5.0	2.2	ug/L			10/05/25 21:19	5
Naphthalene	<2.2		5.0	2.2	ug/L			10/05/25 21:19	5
n-Butylbenzene	<1.6		5.0	1.6	ug/L			10/05/25 21:19	5
N-Propylbenzene	<1.6		5.0	1.6	ug/L			10/05/25 21:19	5
4-Isopropyltoluene	<1.5		5.0	1.5	ug/L			10/05/25 21:19	5
sec-Butylbenzene	<1.4		5.0	1.4	ug/L			10/05/25 21:19	5
Styrene	<1.5		5.0	1.5	ug/L			10/05/25 21:19	5
tert-Butylbenzene	<1.3		5.0	1.3	ug/L			10/05/25 21:19	5
1,1,1,2-Tetrachloroethane	<3.3		5.0	3.3	ug/L			10/05/25 21:19	5
1,1,2,2-Tetrachloroethane	<3.2		5.0	3.2	ug/L			10/05/25 21:19	5
Tetrachloroethene	<1.9		5.0	1.9	ug/L			10/05/25 21:19	5
Toluene	<1.0		2.5	1.0	ug/L			10/05/25 21:19	5
trans-1,2-Dichloroethene	4.3	J	5.0	2.2	ug/L			10/05/25 21:19	5
trans-1,3-Dichloropropene	<3.2		5.0	3.2	ug/L			10/05/25 21:19	5

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-3B1

Lab Sample ID: 500-275331-8

Date Collected: 09/25/25 14:00

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<1.8		5.0	1.8	ug/L			10/05/25 21:19	5
1,2,4-Trichlorobenzene	<1.6		5.0	1.6	ug/L			10/05/25 21:19	5
1,1,1-Trichloroethane	<2.3		5.0	2.3	ug/L			10/05/25 21:19	5
1,1,2-Trichloroethane	<3.7		5.0	3.7	ug/L			10/05/25 21:19	5
Trichloroethene	<0.74		2.5	0.74	ug/L			10/05/25 21:19	5
Trichlorofluoromethane	<2.2		5.0	2.2	ug/L			10/05/25 21:19	5
1,2,3-Trichloropropane	<7.5		10	7.5	ug/L			10/05/25 21:19	5
1,2,4-Trimethylbenzene	<1.5		5.0	1.5	ug/L			10/05/25 21:19	5
1,3,5-Trimethylbenzene	<1.4		5.0	1.4	ug/L			10/05/25 21:19	5
Vinyl chloride	250		5.0	1.0	ug/L			10/05/25 21:19	5
Xylenes, Total	<1.5		5.0	1.5	ug/L			10/05/25 21:19	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		72 - 124		10/05/25 21:19	5
Dibromofluoromethane (Surr)	101		75 - 120		10/05/25 21:19	5
1,2-Dichloroethane-d4 (Surr)	101		75 - 126		10/05/25 21:19	5
Toluene-d8 (Surr)	106		75 - 120		10/05/25 21:19	5

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	9.91				ft			09/25/25 14:00	1
Field pH	7.56				SU			09/25/25 14:00	1
Field Temperature	15.30				Degrees C			09/25/25 14:00	1
Groundwater Elevation (ft MSL)	786.59				ft			09/25/25 14:00	1
Specific Conductance	1019				umhos/cm			09/25/25 14:00	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-3B2

Lab Sample ID: 500-275331-9

Date Collected: 09/25/25 14:20

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/05/25 17:35	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/05/25 17:35	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/05/25 17:35	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/05/25 17:35	1
Bromoform	<0.96		1.0	0.96	ug/L			10/05/25 17:35	1
Bromomethane	<1.8	^c *	3.0	1.8	ug/L			10/05/25 17:35	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/05/25 17:35	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/05/25 17:35	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/05/25 17:35	1
Chloroform	<0.92		2.0	0.92	ug/L			10/05/25 17:35	1
Chloromethane	<0.79	^c	5.0	0.79	ug/L			10/05/25 17:35	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/05/25 17:35	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/05/25 17:35	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/05/25 17:35	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/05/25 17:35	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			10/05/25 17:35	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/05/25 17:35	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/05/25 17:35	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/05/25 17:35	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/05/25 17:35	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/05/25 17:35	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			10/05/25 17:35	1
1,1-Dichloroethane	2.2		1.0	0.36	ug/L			10/05/25 17:35	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/05/25 17:35	1
1,1-Dichloroethene	3.7	^c	1.0	0.48	ug/L			10/05/25 17:35	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/05/25 17:35	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/05/25 17:35	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/05/25 17:35	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/05/25 17:35	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/05/25 17:35	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/05/25 17:35	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/05/25 17:35	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/05/25 17:35	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/05/25 17:35	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/05/25 17:35	1
Naphthalene	<0.44		1.0	0.44	ug/L			10/05/25 17:35	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/05/25 17:35	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/05/25 17:35	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/05/25 17:35	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/05/25 17:35	1
Styrene	<0.31		1.0	0.31	ug/L			10/05/25 17:35	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/05/25 17:35	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/05/25 17:35	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/05/25 17:35	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/05/25 17:35	1
Toluene	<0.21		0.50	0.21	ug/L			10/05/25 17:35	1
trans-1,2-Dichloroethene	11		1.0	0.44	ug/L			10/05/25 17:35	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/05/25 17:35	1
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			10/05/25 17:35	1

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-3B2

Lab Sample ID: 500-275331-9

Date Collected: 09/25/25 14:20

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/05/25 17:35	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/05/25 17:35	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/05/25 17:35	1
Trichloroethene	<0.15		0.50	0.15	ug/L			10/05/25 17:35	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			10/05/25 17:35	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			10/05/25 17:35	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/05/25 17:35	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/05/25 17:35	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/05/25 17:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		72 - 124		10/05/25 17:35	1
Dibromofluoromethane (Surr)	97		75 - 120		10/05/25 17:35	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126		10/05/25 17:35	1
Toluene-d8 (Surr)	106		75 - 120		10/05/25 17:35	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	500		10	4.2	ug/L			10/02/25 17:52	10
Vinyl chloride	440	^c *	10	2.0	ug/L			10/02/25 17:52	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		72 - 124		10/02/25 17:52	10
Dibromofluoromethane (Surr)	100		75 - 120		10/02/25 17:52	10
1,2-Dichloroethane-d4 (Surr)	106		75 - 126		10/02/25 17:52	10
Toluene-d8 (Surr)	103		75 - 120		10/02/25 17:52	10

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	10.86				ft			09/25/25 14:20	1
Field pH	7.59				SU			09/25/25 14:20	1
Field Temperature	14.60				Degrees C			09/25/25 14:20	1
Groundwater Elevation (ft MSL)	785.47				ft			09/25/25 14:20	1
Specific Conductance	1152				umhos/cm			09/25/25 14:20	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: DUP-1

Lab Sample ID: 500-275331-10

Date Collected: 09/25/25 14:22

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/06/25 13:44	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/06/25 13:44	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/06/25 13:44	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/06/25 13:44	1
Bromoform	<0.96		1.0	0.96	ug/L			10/06/25 13:44	1
Bromomethane	<1.8	^c	3.0	1.8	ug/L			10/06/25 13:44	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/06/25 13:44	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/06/25 13:44	1
Chloroethane	<0.47	^c	5.0	0.47	ug/L			10/06/25 13:44	1
Chloroform	<0.92		2.0	0.92	ug/L			10/06/25 13:44	1
Chloromethane	<0.79		5.0	0.79	ug/L			10/06/25 13:44	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/06/25 13:44	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/06/25 13:44	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/06/25 13:44	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/06/25 13:44	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			10/06/25 13:44	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/06/25 13:44	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/06/25 13:44	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/06/25 13:44	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/06/25 13:44	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/06/25 13:44	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			10/06/25 13:44	1
1,1-Dichloroethane	2.6		1.0	0.36	ug/L			10/06/25 13:44	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/06/25 13:44	1
1,1-Dichloroethene	4.2		1.0	0.48	ug/L			10/06/25 13:44	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/06/25 13:44	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/06/25 13:44	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/06/25 13:44	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/06/25 13:44	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/06/25 13:44	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/06/25 13:44	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/06/25 13:44	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/06/25 13:44	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/06/25 13:44	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/06/25 13:44	1
Naphthalene	<0.44	^c	1.0	0.44	ug/L			10/06/25 13:44	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/06/25 13:44	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/06/25 13:44	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/06/25 13:44	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/06/25 13:44	1
Styrene	<0.31		1.0	0.31	ug/L			10/06/25 13:44	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/06/25 13:44	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/06/25 13:44	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/06/25 13:44	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/06/25 13:44	1
Toluene	<0.21		0.50	0.21	ug/L			10/06/25 13:44	1
trans-1,2-Dichloroethene	12		1.0	0.44	ug/L			10/06/25 13:44	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/06/25 13:44	1
1,2,3-Trichlorobenzene	<0.35	^c	1.0	0.35	ug/L			10/06/25 13:44	1

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: DUP-1

Lab Sample ID: 500-275331-10

Date Collected: 09/25/25 14:22

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/06/25 13:44	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/06/25 13:44	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/06/25 13:44	1
Trichloroethene	<0.15		0.50	0.15	ug/L			10/06/25 13:44	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			10/06/25 13:44	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			10/06/25 13:44	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/06/25 13:44	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/06/25 13:44	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/06/25 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		72 - 124		10/06/25 13:44	1
Dibromofluoromethane (Surr)	89		75 - 120		10/06/25 13:44	1
1,2-Dichloroethane-d4 (Surr)	122		75 - 126		10/06/25 13:44	1
Toluene-d8 (Surr)	108		75 - 120		10/06/25 13:44	1

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	530		10	4.2	ug/L			10/06/25 14:57	10
Vinyl chloride	230	^c *	10	2.0	ug/L			10/06/25 14:57	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		72 - 124		10/06/25 14:57	10
Dibromofluoromethane (Surr)	87		75 - 120		10/06/25 14:57	10
1,2-Dichloroethane-d4 (Surr)	120		75 - 126		10/06/25 14:57	10
Toluene-d8 (Surr)	106		75 - 120		10/06/25 14:57	10

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-4D

Lab Sample ID: 500-275331-11

Date Collected: 09/24/25 11:50

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/06/25 13:21	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/06/25 13:21	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/06/25 13:21	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/06/25 13:21	1
Bromoform	<0.96		1.0	0.96	ug/L			10/06/25 13:21	1
Bromomethane	<1.8	^c	3.0	1.8	ug/L			10/06/25 13:21	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/06/25 13:21	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/06/25 13:21	1
Chloroethane	<0.47	^c	5.0	0.47	ug/L			10/06/25 13:21	1
Chloroform	<0.92		2.0	0.92	ug/L			10/06/25 13:21	1
Chloromethane	<0.79		5.0	0.79	ug/L			10/06/25 13:21	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/06/25 13:21	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/06/25 13:21	1
cis-1,2-Dichloroethene	<0.42		1.0	0.42	ug/L			10/06/25 13:21	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/06/25 13:21	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/06/25 13:21	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			10/06/25 13:21	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/06/25 13:21	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/06/25 13:21	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/06/25 13:21	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/06/25 13:21	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/06/25 13:21	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			10/06/25 13:21	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			10/06/25 13:21	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/06/25 13:21	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			10/06/25 13:21	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/06/25 13:21	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/06/25 13:21	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/06/25 13:21	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/06/25 13:21	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/06/25 13:21	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/06/25 13:21	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/06/25 13:21	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/06/25 13:21	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/06/25 13:21	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/06/25 13:21	1
Naphthalene	<0.44	^c	1.0	0.44	ug/L			10/06/25 13:21	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/06/25 13:21	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/06/25 13:21	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/06/25 13:21	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/06/25 13:21	1
Styrene	<0.31		1.0	0.31	ug/L			10/06/25 13:21	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/06/25 13:21	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/06/25 13:21	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/06/25 13:21	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/06/25 13:21	1
Toluene	<0.21		0.50	0.21	ug/L			10/06/25 13:21	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			10/06/25 13:21	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/06/25 13:21	1

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Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-4D

Lab Sample ID: 500-275331-11

Date Collected: 09/24/25 11:50

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35	^c	1.0	0.35	ug/L			10/06/25 13:21	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/06/25 13:21	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/06/25 13:21	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/06/25 13:21	1
Trichloroethene	<0.15		0.50	0.15	ug/L			10/06/25 13:21	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			10/06/25 13:21	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			10/06/25 13:21	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/06/25 13:21	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/06/25 13:21	1
Vinyl chloride	<0.20	^c *	1.0	0.20	ug/L			10/06/25 13:21	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/06/25 13:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		72 - 124		10/06/25 13:21	1
Dibromofluoromethane (Surr)	92		75 - 120		10/06/25 13:21	1
1,2-Dichloroethane-d4 (Surr)	124		75 - 126		10/06/25 13:21	1
Toluene-d8 (Surr)	108		75 - 120		10/06/25 13:21	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	14.73				ft			09/24/25 11:50	1
Groundwater Elevation (ft MSL)	787.87				ft			09/24/25 11:50	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-6D

Lab Sample ID: 500-275331-12

Date Collected: 09/24/25 09:00

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/05/25 18:25	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/05/25 18:25	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/05/25 18:25	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/05/25 18:25	1
Bromoform	<0.96		1.0	0.96	ug/L			10/05/25 18:25	1
Bromomethane	<1.8	^c *	3.0	1.8	ug/L			10/05/25 18:25	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/05/25 18:25	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/05/25 18:25	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/05/25 18:25	1
Chloroform	<0.92		2.0	0.92	ug/L			10/05/25 18:25	1
Chloromethane	<0.79	^c	5.0	0.79	ug/L			10/05/25 18:25	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/05/25 18:25	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/05/25 18:25	1
cis-1,2-Dichloroethene	1.4		1.0	0.42	ug/L			10/05/25 18:25	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/05/25 18:25	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/05/25 18:25	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			10/05/25 18:25	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/05/25 18:25	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/05/25 18:25	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/05/25 18:25	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/05/25 18:25	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/05/25 18:25	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			10/05/25 18:25	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			10/05/25 18:25	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/05/25 18:25	1
1,1-Dichloroethene	<0.48	^c	1.0	0.48	ug/L			10/05/25 18:25	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/05/25 18:25	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/05/25 18:25	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/05/25 18:25	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/05/25 18:25	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/05/25 18:25	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/05/25 18:25	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/05/25 18:25	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/05/25 18:25	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/05/25 18:25	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/05/25 18:25	1
Naphthalene	<0.44		1.0	0.44	ug/L			10/05/25 18:25	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/05/25 18:25	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/05/25 18:25	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/05/25 18:25	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/05/25 18:25	1
Styrene	<0.31		1.0	0.31	ug/L			10/05/25 18:25	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/05/25 18:25	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/05/25 18:25	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/05/25 18:25	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/05/25 18:25	1
Toluene	<0.21		0.50	0.21	ug/L			10/05/25 18:25	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			10/05/25 18:25	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/05/25 18:25	1

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-6D

Lab Sample ID: 500-275331-12

Date Collected: 09/24/25 09:00

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			10/05/25 18:25	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/05/25 18:25	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/05/25 18:25	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/05/25 18:25	1
Trichloroethene	<0.15		0.50	0.15	ug/L			10/05/25 18:25	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			10/05/25 18:25	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			10/05/25 18:25	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/05/25 18:25	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/05/25 18:25	1
Vinyl chloride	1.2		1.0	0.20	ug/L			10/05/25 18:25	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/05/25 18:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124		10/05/25 18:25	1
Dibromofluoromethane (Surr)	101		75 - 120		10/05/25 18:25	1
1,2-Dichloroethane-d4 (Surr)	103		75 - 126		10/05/25 18:25	1
Toluene-d8 (Surr)	106		75 - 120		10/05/25 18:25	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	17.58				ft			09/24/25 09:00	1
Groundwater Elevation (ft MSL)	781.8				ft			09/24/25 09:00	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-6B

Lab Sample ID: 500-275331-13

Date Collected: 09/24/25 09:04

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/02/25 19:33	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/02/25 19:33	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/02/25 19:33	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/02/25 19:33	1
Bromoform	<0.96		1.0	0.96	ug/L			10/02/25 19:33	1
Bromomethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 19:33	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/02/25 19:33	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 19:33	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/02/25 19:33	1
Chloroform	<0.92		2.0	0.92	ug/L			10/02/25 19:33	1
Chloromethane	<0.79		5.0	0.79	ug/L			10/02/25 19:33	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/02/25 19:33	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/02/25 19:33	1
cis-1,2-Dichloroethene	1.1		1.0	0.42	ug/L			10/02/25 19:33	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/02/25 19:33	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/02/25 19:33	1
1,2-Dibromo-3-Chloropropane	<3.9	^c *	5.0	3.9	ug/L			10/02/25 19:33	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/02/25 19:33	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/02/25 19:33	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/02/25 19:33	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 19:33	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/02/25 19:33	1
Dichlorodifluoromethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 19:33	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			10/02/25 19:33	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/02/25 19:33	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			10/02/25 19:33	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/02/25 19:33	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/02/25 19:33	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/02/25 19:33	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/02/25 19:33	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/02/25 19:33	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/02/25 19:33	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 19:33	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/02/25 19:33	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/02/25 19:33	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/02/25 19:33	1
Naphthalene	<0.44	^c *	1.0	0.44	ug/L			10/02/25 19:33	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/02/25 19:33	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/02/25 19:33	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/02/25 19:33	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 19:33	1
Styrene	<0.31		1.0	0.31	ug/L			10/02/25 19:33	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 19:33	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/02/25 19:33	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/02/25 19:33	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/02/25 19:33	1
Toluene	<0.21		0.50	0.21	ug/L			10/02/25 19:33	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			10/02/25 19:33	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/02/25 19:33	1

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-6B

Lab Sample ID: 500-275331-13

Date Collected: 09/24/25 09:04

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35	^c *	1.0	0.35	ug/L			10/02/25 19:33	1
1,2,4-Trichlorobenzene	<0.31	^c *	1.0	0.31	ug/L			10/02/25 19:33	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/02/25 19:33	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/02/25 19:33	1
Trichloroethene	<0.15		0.50	0.15	ug/L			10/02/25 19:33	1
Trichlorofluoromethane	<0.44	^c	1.0	0.44	ug/L			10/02/25 19:33	1
1,2,3-Trichloropropane	<1.5	^c	2.0	1.5	ug/L			10/02/25 19:33	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/02/25 19:33	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 19:33	1
Vinyl chloride	<0.20	^c *	1.0	0.20	ug/L			10/02/25 19:33	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/02/25 19:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		72 - 124		10/02/25 19:33	1
Dibromofluoromethane (Surr)	102		75 - 120		10/02/25 19:33	1
1,2-Dichloroethane-d4 (Surr)	109		75 - 126		10/02/25 19:33	1
Toluene-d8 (Surr)	103		75 - 120		10/02/25 19:33	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	17.30				ft			09/24/25 09:04	1
Field pH	7.42				SU			09/24/25 09:04	1
Field Temperature	17.00				Degrees C			09/24/25 09:04	1
Groundwater Elevation (ft MSL)	781.75				ft			09/24/25 09:04	1
Specific Conductance	835				umhos/cm			09/24/25 09:04	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-8S

Lab Sample ID: 500-275331-14

Date Collected: 09/24/25 14:30

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/02/25 19:58	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/02/25 19:58	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/02/25 19:58	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/02/25 19:58	1
Bromoform	<0.96		1.0	0.96	ug/L			10/02/25 19:58	1
Bromomethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 19:58	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/02/25 19:58	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 19:58	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/02/25 19:58	1
Chloroform	<0.92		2.0	0.92	ug/L			10/02/25 19:58	1
Chloromethane	<0.79		5.0	0.79	ug/L			10/02/25 19:58	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/02/25 19:58	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/02/25 19:58	1
cis-1,2-Dichloroethene	0.85	J	1.0	0.42	ug/L			10/02/25 19:58	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/02/25 19:58	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/02/25 19:58	1
1,2-Dibromo-3-Chloropropane	<3.9	^c *	5.0	3.9	ug/L			10/02/25 19:58	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/02/25 19:58	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/02/25 19:58	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/02/25 19:58	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 19:58	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/02/25 19:58	1
Dichlorodifluoromethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 19:58	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			10/02/25 19:58	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/02/25 19:58	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			10/02/25 19:58	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/02/25 19:58	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/02/25 19:58	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/02/25 19:58	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/02/25 19:58	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/02/25 19:58	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/02/25 19:58	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 19:58	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/02/25 19:58	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/02/25 19:58	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/02/25 19:58	1
Naphthalene	<0.44	^c *	1.0	0.44	ug/L			10/02/25 19:58	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/02/25 19:58	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/02/25 19:58	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/02/25 19:58	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 19:58	1
Styrene	<0.31		1.0	0.31	ug/L			10/02/25 19:58	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 19:58	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/02/25 19:58	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/02/25 19:58	1
Tetrachloroethene	18		1.0	0.39	ug/L			10/02/25 19:58	1
Toluene	<0.21		0.50	0.21	ug/L			10/02/25 19:58	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			10/02/25 19:58	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/02/25 19:58	1

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Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-8S

Lab Sample ID: 500-275331-14

Date Collected: 09/24/25 14:30

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35	^c *	1.0	0.35	ug/L			10/02/25 19:58	1
1,2,4-Trichlorobenzene	<0.31	^c *	1.0	0.31	ug/L			10/02/25 19:58	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/02/25 19:58	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/02/25 19:58	1
Trichloroethene	7.6		0.50	0.15	ug/L			10/02/25 19:58	1
Trichlorofluoromethane	<0.44	^c	1.0	0.44	ug/L			10/02/25 19:58	1
1,2,3-Trichloropropane	<1.5	^c	2.0	1.5	ug/L			10/02/25 19:58	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/02/25 19:58	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 19:58	1
Vinyl chloride	<0.20	^c *	1.0	0.20	ug/L			10/02/25 19:58	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/02/25 19:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		72 - 124		10/02/25 19:58	1
Dibromofluoromethane (Surr)	102		75 - 120		10/02/25 19:58	1
1,2-Dichloroethane-d4 (Surr)	109		75 - 126		10/02/25 19:58	1
Toluene-d8 (Surr)	102		75 - 120		10/02/25 19:58	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	18.71				ft			09/24/25 14:30	1
Field pH	7.35				SU			09/24/25 14:30	1
Field Temperature	12.40				Degrees C			09/24/25 14:30	1
Groundwater Elevation (ft MSL)	788.96				ft			09/24/25 14:30	1
Specific Conductance	846				umhos/cm			09/24/25 14:30	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-8B

Lab Sample ID: 500-275331-15

Date Collected: 09/24/25 14:35

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/05/25 18:50	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/05/25 18:50	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/05/25 18:50	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/05/25 18:50	1
Bromoform	<0.96		1.0	0.96	ug/L			10/05/25 18:50	1
Bromomethane	<1.8	^c *	3.0	1.8	ug/L			10/05/25 18:50	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/05/25 18:50	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/05/25 18:50	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/05/25 18:50	1
Chloroform	<0.92		2.0	0.92	ug/L			10/05/25 18:50	1
Chloromethane	<0.79	^c	5.0	0.79	ug/L			10/05/25 18:50	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/05/25 18:50	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/05/25 18:50	1
cis-1,2-Dichloroethene	13		1.0	0.42	ug/L			10/05/25 18:50	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/05/25 18:50	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/05/25 18:50	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			10/05/25 18:50	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/05/25 18:50	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/05/25 18:50	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/05/25 18:50	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/05/25 18:50	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/05/25 18:50	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			10/05/25 18:50	1
1,1-Dichloroethane	1.3		1.0	0.36	ug/L			10/05/25 18:50	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/05/25 18:50	1
1,1-Dichloroethene	<0.48	^c	1.0	0.48	ug/L			10/05/25 18:50	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/05/25 18:50	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/05/25 18:50	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/05/25 18:50	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/05/25 18:50	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/05/25 18:50	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/05/25 18:50	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/05/25 18:50	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/05/25 18:50	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/05/25 18:50	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/05/25 18:50	1
Naphthalene	<0.44		1.0	0.44	ug/L			10/05/25 18:50	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/05/25 18:50	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/05/25 18:50	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/05/25 18:50	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/05/25 18:50	1
Styrene	<0.31		1.0	0.31	ug/L			10/05/25 18:50	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/05/25 18:50	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/05/25 18:50	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/05/25 18:50	1
Tetrachloroethene	0.39	J	1.0	0.39	ug/L			10/05/25 18:50	1
Toluene	<0.21		0.50	0.21	ug/L			10/05/25 18:50	1
trans-1,2-Dichloroethene	1.1		1.0	0.44	ug/L			10/05/25 18:50	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/05/25 18:50	1

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Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-8B

Lab Sample ID: 500-275331-15

Date Collected: 09/24/25 14:35

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			10/05/25 18:50	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/05/25 18:50	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/05/25 18:50	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/05/25 18:50	1
Trichloroethene	0.58		0.50	0.15	ug/L			10/05/25 18:50	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			10/05/25 18:50	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			10/05/25 18:50	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/05/25 18:50	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/05/25 18:50	1
Vinyl chloride	19		1.0	0.20	ug/L			10/05/25 18:50	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/05/25 18:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		72 - 124		10/05/25 18:50	1
Dibromofluoromethane (Surr)	101		75 - 120		10/05/25 18:50	1
1,2-Dichloroethane-d4 (Surr)	104		75 - 126		10/05/25 18:50	1
Toluene-d8 (Surr)	105		75 - 120		10/05/25 18:50	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	19.18				ft			09/24/25 14:35	1
Field pH	7.49				SU			09/24/25 14:35	1
Field Temperature	10.80				Degrees C			09/24/25 14:35	1
Groundwater Elevation (ft MSL)	788.85				ft			09/24/25 14:35	1
Specific Conductance	1238				umhos/cm			09/24/25 14:35	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-9S

Lab Sample ID: 500-275331-16

Date Collected: 09/24/25 10:40

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/02/25 20:50	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/02/25 20:50	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/02/25 20:50	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/02/25 20:50	1
Bromoform	<0.96		1.0	0.96	ug/L			10/02/25 20:50	1
Bromomethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 20:50	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/02/25 20:50	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 20:50	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/02/25 20:50	1
Chloroform	<0.92		2.0	0.92	ug/L			10/02/25 20:50	1
Chloromethane	<0.79		5.0	0.79	ug/L			10/02/25 20:50	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/02/25 20:50	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/02/25 20:50	1
cis-1,2-Dichloroethene	<0.42		1.0	0.42	ug/L			10/02/25 20:50	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/02/25 20:50	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/02/25 20:50	1
1,2-Dibromo-3-Chloropropane	<3.9	^c *	5.0	3.9	ug/L			10/02/25 20:50	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/02/25 20:50	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/02/25 20:50	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/02/25 20:50	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 20:50	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/02/25 20:50	1
Dichlorodifluoromethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 20:50	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			10/02/25 20:50	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/02/25 20:50	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			10/02/25 20:50	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/02/25 20:50	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/02/25 20:50	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/02/25 20:50	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/02/25 20:50	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/02/25 20:50	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/02/25 20:50	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 20:50	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/02/25 20:50	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/02/25 20:50	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/02/25 20:50	1
Naphthalene	<0.44	^c *	1.0	0.44	ug/L			10/02/25 20:50	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/02/25 20:50	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/02/25 20:50	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/02/25 20:50	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 20:50	1
Styrene	<0.31		1.0	0.31	ug/L			10/02/25 20:50	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 20:50	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/02/25 20:50	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/02/25 20:50	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/02/25 20:50	1
Toluene	<0.21		0.50	0.21	ug/L			10/02/25 20:50	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			10/02/25 20:50	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/02/25 20:50	1

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-9S

Lab Sample ID: 500-275331-16

Date Collected: 09/24/25 10:40

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35	^c *	1.0	0.35	ug/L			10/02/25 20:50	1
1,2,4-Trichlorobenzene	<0.31	^c *	1.0	0.31	ug/L			10/02/25 20:50	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/02/25 20:50	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/02/25 20:50	1
Trichloroethene	<0.15		0.50	0.15	ug/L			10/02/25 20:50	1
Trichlorofluoromethane	<0.44	^c	1.0	0.44	ug/L			10/02/25 20:50	1
1,2,3-Trichloropropane	<1.5	^c	2.0	1.5	ug/L			10/02/25 20:50	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/02/25 20:50	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 20:50	1
Vinyl chloride	<0.20	^c *	1.0	0.20	ug/L			10/02/25 20:50	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/02/25 20:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		72 - 124		10/02/25 20:50	1
Dibromofluoromethane (Surr)	102		75 - 120		10/02/25 20:50	1
1,2-Dichloroethane-d4 (Surr)	110		75 - 126		10/02/25 20:50	1
Toluene-d8 (Surr)	101		75 - 120		10/02/25 20:50	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	6.72				ft			09/24/25 10:40	1
Groundwater Elevation (ft MSL)	787.33				ft			09/24/25 10:40	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-9B

Lab Sample ID: 500-275331-17

Date Collected: 09/24/25 10:30

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/05/25 19:15	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/05/25 19:15	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/05/25 19:15	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/05/25 19:15	1
Bromoform	<0.96		1.0	0.96	ug/L			10/05/25 19:15	1
Bromomethane	<1.8	^c *	3.0	1.8	ug/L			10/05/25 19:15	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/05/25 19:15	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/05/25 19:15	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/05/25 19:15	1
Chloroform	<0.92		2.0	0.92	ug/L			10/05/25 19:15	1
Chloromethane	<0.79	^c	5.0	0.79	ug/L			10/05/25 19:15	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/05/25 19:15	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/05/25 19:15	1
cis-1,2-Dichloroethene	46		1.0	0.42	ug/L			10/05/25 19:15	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/05/25 19:15	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/05/25 19:15	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			10/05/25 19:15	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/05/25 19:15	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/05/25 19:15	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/05/25 19:15	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/05/25 19:15	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/05/25 19:15	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			10/05/25 19:15	1
1,1-Dichloroethane	4.7		1.0	0.36	ug/L			10/05/25 19:15	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/05/25 19:15	1
1,1-Dichloroethene	<0.48	^c	1.0	0.48	ug/L			10/05/25 19:15	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/05/25 19:15	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/05/25 19:15	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/05/25 19:15	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/05/25 19:15	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/05/25 19:15	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/05/25 19:15	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/05/25 19:15	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/05/25 19:15	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/05/25 19:15	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/05/25 19:15	1
Naphthalene	<0.44		1.0	0.44	ug/L			10/05/25 19:15	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/05/25 19:15	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/05/25 19:15	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/05/25 19:15	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/05/25 19:15	1
Styrene	<0.31		1.0	0.31	ug/L			10/05/25 19:15	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/05/25 19:15	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/05/25 19:15	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/05/25 19:15	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/05/25 19:15	1
Toluene	<0.21		0.50	0.21	ug/L			10/05/25 19:15	1
trans-1,2-Dichloroethene	0.76 J		1.0	0.44	ug/L			10/05/25 19:15	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/05/25 19:15	1

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-9B

Lab Sample ID: 500-275331-17

Date Collected: 09/24/25 10:30

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			10/05/25 19:15	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/05/25 19:15	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/05/25 19:15	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/05/25 19:15	1
Trichloroethene	0.45	J	0.50	0.15	ug/L			10/05/25 19:15	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			10/05/25 19:15	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			10/05/25 19:15	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/05/25 19:15	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/05/25 19:15	1
Vinyl chloride	9.7		1.0	0.20	ug/L			10/05/25 19:15	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/05/25 19:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		72 - 124		10/05/25 19:15	1
Dibromofluoromethane (Surr)	100		75 - 120		10/05/25 19:15	1
1,2-Dichloroethane-d4 (Surr)	103		75 - 126		10/05/25 19:15	1
Toluene-d8 (Surr)	105		75 - 120		10/05/25 19:15	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	6.35				ft			09/24/25 10:30	1
Groundwater Elevation (ft MSL)	787.37				ft			09/24/25 10:30	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-10S

Lab Sample ID: 500-275331-18

Date Collected: 09/25/25 12:30

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/02/25 21:42	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/02/25 21:42	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/02/25 21:42	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/02/25 21:42	1
Bromoform	<0.96		1.0	0.96	ug/L			10/02/25 21:42	1
Bromomethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 21:42	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/02/25 21:42	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 21:42	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/02/25 21:42	1
Chloroform	<0.92		2.0	0.92	ug/L			10/02/25 21:42	1
Chloromethane	<0.79		5.0	0.79	ug/L			10/02/25 21:42	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/02/25 21:42	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/02/25 21:42	1
cis-1,2-Dichloroethene	<0.42		1.0	0.42	ug/L			10/02/25 21:42	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/02/25 21:42	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/02/25 21:42	1
1,2-Dibromo-3-Chloropropane	<3.9	^c *	5.0	3.9	ug/L			10/02/25 21:42	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/02/25 21:42	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/02/25 21:42	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/02/25 21:42	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 21:42	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/02/25 21:42	1
Dichlorodifluoromethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 21:42	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			10/02/25 21:42	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/02/25 21:42	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			10/02/25 21:42	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/02/25 21:42	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/02/25 21:42	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/02/25 21:42	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/02/25 21:42	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/02/25 21:42	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/02/25 21:42	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 21:42	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/02/25 21:42	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/02/25 21:42	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/02/25 21:42	1
Naphthalene	<0.44	^c *	1.0	0.44	ug/L			10/02/25 21:42	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/02/25 21:42	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/02/25 21:42	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/02/25 21:42	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 21:42	1
Styrene	<0.31		1.0	0.31	ug/L			10/02/25 21:42	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 21:42	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/02/25 21:42	1
1,1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/02/25 21:42	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/02/25 21:42	1
Toluene	<0.21		0.50	0.21	ug/L			10/02/25 21:42	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			10/02/25 21:42	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/02/25 21:42	1

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-10S

Lab Sample ID: 500-275331-18

Date Collected: 09/25/25 12:30

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35	^c *	1.0	0.35	ug/L			10/02/25 21:42	1
1,2,4-Trichlorobenzene	<0.31	^c *	1.0	0.31	ug/L			10/02/25 21:42	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/02/25 21:42	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/02/25 21:42	1
Trichloroethene	1.8		0.50	0.15	ug/L			10/02/25 21:42	1
Trichlorofluoromethane	<0.44	^c	1.0	0.44	ug/L			10/02/25 21:42	1
1,2,3-Trichloropropane	<1.5	^c	2.0	1.5	ug/L			10/02/25 21:42	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/02/25 21:42	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 21:42	1
Vinyl chloride	<0.20	^c *	1.0	0.20	ug/L			10/02/25 21:42	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/02/25 21:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		72 - 124		10/02/25 21:42	1
Dibromofluoromethane (Surr)	100		75 - 120		10/02/25 21:42	1
1,2-Dichloroethane-d4 (Surr)	109		75 - 126		10/02/25 21:42	1
Toluene-d8 (Surr)	103		75 - 120		10/02/25 21:42	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	18.66				ft			09/25/25 12:30	1
Groundwater Elevation (ft MSL)	787.67				ft			09/25/25 12:30	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-12S

Lab Sample ID: 500-275331-19

Date Collected: 09/24/25 15:15

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/02/25 22:07	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/02/25 22:07	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/02/25 22:07	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/02/25 22:07	1
Bromoform	<0.96		1.0	0.96	ug/L			10/02/25 22:07	1
Bromomethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 22:07	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/02/25 22:07	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 22:07	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/02/25 22:07	1
Chloroform	<0.92		2.0	0.92	ug/L			10/02/25 22:07	1
Chloromethane	<0.79		5.0	0.79	ug/L			10/02/25 22:07	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/02/25 22:07	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/02/25 22:07	1
cis-1,2-Dichloroethene	<0.42		1.0	0.42	ug/L			10/02/25 22:07	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/02/25 22:07	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/02/25 22:07	1
1,2-Dibromo-3-Chloropropane	<3.9	^c *	5.0	3.9	ug/L			10/02/25 22:07	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/02/25 22:07	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/02/25 22:07	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/02/25 22:07	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 22:07	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/02/25 22:07	1
Dichlorodifluoromethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 22:07	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			10/02/25 22:07	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/02/25 22:07	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			10/02/25 22:07	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/02/25 22:07	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/02/25 22:07	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/02/25 22:07	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/02/25 22:07	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/02/25 22:07	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/02/25 22:07	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 22:07	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/02/25 22:07	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/02/25 22:07	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/02/25 22:07	1
Naphthalene	<0.44	^c *	1.0	0.44	ug/L			10/02/25 22:07	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/02/25 22:07	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/02/25 22:07	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/02/25 22:07	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 22:07	1
Styrene	<0.31		1.0	0.31	ug/L			10/02/25 22:07	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 22:07	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/02/25 22:07	1
1,1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/02/25 22:07	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/02/25 22:07	1
Toluene	<0.21		0.50	0.21	ug/L			10/02/25 22:07	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			10/02/25 22:07	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/02/25 22:07	1

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-12S

Lab Sample ID: 500-275331-19

Date Collected: 09/24/25 15:15

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35	^c *	1.0	0.35	ug/L			10/02/25 22:07	1
1,2,4-Trichlorobenzene	<0.31	^c *	1.0	0.31	ug/L			10/02/25 22:07	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/02/25 22:07	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/02/25 22:07	1
Trichloroethene	0.21	J	0.50	0.15	ug/L			10/02/25 22:07	1
Trichlorofluoromethane	<0.44	^c	1.0	0.44	ug/L			10/02/25 22:07	1
1,2,3-Trichloropropane	<1.5	^c	2.0	1.5	ug/L			10/02/25 22:07	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/02/25 22:07	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 22:07	1
Vinyl chloride	<0.20	^c *	1.0	0.20	ug/L			10/02/25 22:07	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/02/25 22:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		72 - 124		10/02/25 22:07	1
Dibromofluoromethane (Surr)	102		75 - 120		10/02/25 22:07	1
1,2-Dichloroethane-d4 (Surr)	111		75 - 126		10/02/25 22:07	1
Toluene-d8 (Surr)	103		75 - 120		10/02/25 22:07	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	30.70				ft			09/24/25 15:15	1
Groundwater Elevation (ft MSL)	788.04				ft			09/24/25 15:15	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-12B

Lab Sample ID: 500-275331-20

Date Collected: 09/24/25 15:15

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/05/25 19:40	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/05/25 19:40	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/05/25 19:40	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/05/25 19:40	1
Bromoform	<0.96		1.0	0.96	ug/L			10/05/25 19:40	1
Bromomethane	<1.8	* ^c	3.0	1.8	ug/L			10/05/25 19:40	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/05/25 19:40	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/05/25 19:40	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/05/25 19:40	1
Chloroform	<0.92		2.0	0.92	ug/L			10/05/25 19:40	1
Chloromethane	<0.79	^c	5.0	0.79	ug/L			10/05/25 19:40	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/05/25 19:40	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/05/25 19:40	1
cis-1,2-Dichloroethene	32		1.0	0.42	ug/L			10/05/25 19:40	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/05/25 19:40	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/05/25 19:40	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			10/05/25 19:40	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/05/25 19:40	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/05/25 19:40	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/05/25 19:40	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/05/25 19:40	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/05/25 19:40	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			10/05/25 19:40	1
1,1-Dichloroethane	3.4		1.0	0.36	ug/L			10/05/25 19:40	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/05/25 19:40	1
1,1-Dichloroethene	<0.48	^c	1.0	0.48	ug/L			10/05/25 19:40	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/05/25 19:40	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/05/25 19:40	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/05/25 19:40	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/05/25 19:40	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/05/25 19:40	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/05/25 19:40	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/05/25 19:40	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/05/25 19:40	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/05/25 19:40	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/05/25 19:40	1
Naphthalene	<0.44		1.0	0.44	ug/L			10/05/25 19:40	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/05/25 19:40	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/05/25 19:40	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/05/25 19:40	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/05/25 19:40	1
Styrene	<0.31		1.0	0.31	ug/L			10/05/25 19:40	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/05/25 19:40	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/05/25 19:40	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/05/25 19:40	1
Tetrachloroethene	6.0		1.0	0.39	ug/L			10/05/25 19:40	1
Toluene	<0.21		0.50	0.21	ug/L			10/05/25 19:40	1
trans-1,2-Dichloroethene	1.2		1.0	0.44	ug/L			10/05/25 19:40	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/05/25 19:40	1

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Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-12B

Lab Sample ID: 500-275331-20

Date Collected: 09/24/25 15:15

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			10/05/25 19:40	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/05/25 19:40	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/05/25 19:40	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/05/25 19:40	1
Trichloroethene	12		0.50	0.15	ug/L			10/05/25 19:40	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			10/05/25 19:40	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			10/05/25 19:40	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/05/25 19:40	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/05/25 19:40	1
Vinyl chloride	2.6		1.0	0.20	ug/L			10/05/25 19:40	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/05/25 19:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		72 - 124		10/05/25 19:40	1
Dibromofluoromethane (Surr)	101		75 - 120		10/05/25 19:40	1
1,2-Dichloroethane-d4 (Surr)	103		75 - 126		10/05/25 19:40	1
Toluene-d8 (Surr)	105		75 - 120		10/05/25 19:40	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	31.04				ft			09/24/25 15:15	1
Groundwater Elevation (ft MSL)	787.45				ft			09/24/25 15:15	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-13S

Lab Sample ID: 500-275331-21

Date Collected: 09/25/25 16:10

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/05/25 20:04	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/05/25 20:04	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/05/25 20:04	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/05/25 20:04	1
Bromoform	<0.96		1.0	0.96	ug/L			10/05/25 20:04	1
Bromomethane	<1.8	* ^c	3.0	1.8	ug/L			10/05/25 20:04	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/05/25 20:04	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/05/25 20:04	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/05/25 20:04	1
Chloroform	<0.92		2.0	0.92	ug/L			10/05/25 20:04	1
Chloromethane	<0.79	^c	5.0	0.79	ug/L			10/05/25 20:04	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/05/25 20:04	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/05/25 20:04	1
cis-1,2-Dichloroethene	1.1		1.0	0.42	ug/L			10/05/25 20:04	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/05/25 20:04	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/05/25 20:04	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			10/05/25 20:04	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/05/25 20:04	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/05/25 20:04	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/05/25 20:04	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/05/25 20:04	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/05/25 20:04	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			10/05/25 20:04	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			10/05/25 20:04	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/05/25 20:04	1
1,1-Dichloroethene	<0.48	^c	1.0	0.48	ug/L			10/05/25 20:04	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/05/25 20:04	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/05/25 20:04	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/05/25 20:04	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/05/25 20:04	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/05/25 20:04	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/05/25 20:04	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/05/25 20:04	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/05/25 20:04	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/05/25 20:04	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/05/25 20:04	1
Naphthalene	<0.44		1.0	0.44	ug/L			10/05/25 20:04	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/05/25 20:04	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/05/25 20:04	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/05/25 20:04	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/05/25 20:04	1
Styrene	<0.31		1.0	0.31	ug/L			10/05/25 20:04	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/05/25 20:04	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/05/25 20:04	1
1,1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/05/25 20:04	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/05/25 20:04	1
Toluene	<0.21		0.50	0.21	ug/L			10/05/25 20:04	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			10/05/25 20:04	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/05/25 20:04	1

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-13S

Lab Sample ID: 500-275331-21

Date Collected: 09/25/25 16:10

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			10/05/25 20:04	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/05/25 20:04	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/05/25 20:04	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/05/25 20:04	1
Trichloroethene	5.3		0.50	0.15	ug/L			10/05/25 20:04	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			10/05/25 20:04	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			10/05/25 20:04	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/05/25 20:04	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/05/25 20:04	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/05/25 20:04	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/05/25 20:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		72 - 124		10/05/25 20:04	1
Dibromofluoromethane (Surr)	98		75 - 120		10/05/25 20:04	1
1,2-Dichloroethane-d4 (Surr)	102		75 - 126		10/05/25 20:04	1
Toluene-d8 (Surr)	105		75 - 120		10/05/25 20:04	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	7.13				ft			09/25/25 16:10	1
Groundwater Elevation (ft MSL)	788.13				ft			09/25/25 16:10	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-13B

Lab Sample ID: 500-275331-22

Date Collected: 09/25/25 16:15

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/05/25 20:29	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/05/25 20:29	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/05/25 20:29	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/05/25 20:29	1
Bromoform	<0.96		1.0	0.96	ug/L			10/05/25 20:29	1
Bromomethane	<1.8	* ^c	3.0	1.8	ug/L			10/05/25 20:29	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/05/25 20:29	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/05/25 20:29	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/05/25 20:29	1
Chloroform	<0.92		2.0	0.92	ug/L			10/05/25 20:29	1
Chloromethane	<0.79	^c	5.0	0.79	ug/L			10/05/25 20:29	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/05/25 20:29	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/05/25 20:29	1
cis-1,2-Dichloroethene	1.5		1.0	0.42	ug/L			10/05/25 20:29	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/05/25 20:29	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/05/25 20:29	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			10/05/25 20:29	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/05/25 20:29	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/05/25 20:29	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/05/25 20:29	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/05/25 20:29	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/05/25 20:29	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			10/05/25 20:29	1
1,1-Dichloroethane	0.63	J	1.0	0.36	ug/L			10/05/25 20:29	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/05/25 20:29	1
1,1-Dichloroethene	<0.48	^c	1.0	0.48	ug/L			10/05/25 20:29	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/05/25 20:29	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/05/25 20:29	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/05/25 20:29	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/05/25 20:29	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/05/25 20:29	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/05/25 20:29	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/05/25 20:29	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/05/25 20:29	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/05/25 20:29	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/05/25 20:29	1
Naphthalene	<0.44		1.0	0.44	ug/L			10/05/25 20:29	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/05/25 20:29	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/05/25 20:29	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/05/25 20:29	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/05/25 20:29	1
Styrene	<0.31		1.0	0.31	ug/L			10/05/25 20:29	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/05/25 20:29	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/05/25 20:29	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/05/25 20:29	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/05/25 20:29	1
Toluene	<0.21		0.50	0.21	ug/L			10/05/25 20:29	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			10/05/25 20:29	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/05/25 20:29	1

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-13B

Lab Sample ID: 500-275331-22

Date Collected: 09/25/25 16:15

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			10/05/25 20:29	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/05/25 20:29	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/05/25 20:29	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/05/25 20:29	1
Trichloroethene	2.0		0.50	0.15	ug/L			10/05/25 20:29	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			10/05/25 20:29	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			10/05/25 20:29	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/05/25 20:29	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/05/25 20:29	1
Vinyl chloride	0.26 J		1.0	0.20	ug/L			10/05/25 20:29	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/05/25 20:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124		10/05/25 20:29	1
Dibromofluoromethane (Surr)	99		75 - 120		10/05/25 20:29	1
1,2-Dichloroethane-d4 (Surr)	101		75 - 126		10/05/25 20:29	1
Toluene-d8 (Surr)	105		75 - 120		10/05/25 20:29	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	7.86				ft			09/25/25 16:15	1
Groundwater Elevation (ft MSL)	788.02				ft			09/25/25 16:15	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: Trip Blank-HCL

Lab Sample ID: 500-275331-23

Date Collected: 09/24/25 00:00

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/02/25 13:36	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/02/25 13:36	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/02/25 13:36	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/02/25 13:36	1
Bromoform	<0.96		1.0	0.96	ug/L			10/02/25 13:36	1
Bromomethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 13:36	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/02/25 13:36	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 13:36	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/02/25 13:36	1
Chloroform	<0.92		2.0	0.92	ug/L			10/02/25 13:36	1
Chloromethane	<0.79		5.0	0.79	ug/L			10/02/25 13:36	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/02/25 13:36	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/02/25 13:36	1
cis-1,2-Dichloroethene	<0.42		1.0	0.42	ug/L			10/02/25 13:36	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/02/25 13:36	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/02/25 13:36	1
1,2-Dibromo-3-Chloropropane	<3.9	^c *	5.0	3.9	ug/L			10/02/25 13:36	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/02/25 13:36	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/02/25 13:36	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/02/25 13:36	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 13:36	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/02/25 13:36	1
Dichlorodifluoromethane	<1.8	^c	3.0	1.8	ug/L			10/02/25 13:36	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			10/02/25 13:36	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/02/25 13:36	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			10/02/25 13:36	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/02/25 13:36	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/02/25 13:36	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/02/25 13:36	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/02/25 13:36	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/02/25 13:36	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/02/25 13:36	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 13:36	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/02/25 13:36	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/02/25 13:36	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/02/25 13:36	1
Naphthalene	<0.44	^c *	1.0	0.44	ug/L			10/02/25 13:36	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/02/25 13:36	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/02/25 13:36	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/02/25 13:36	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 13:36	1
Styrene	<0.31		1.0	0.31	ug/L			10/02/25 13:36	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 13:36	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/02/25 13:36	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/02/25 13:36	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/02/25 13:36	1
Toluene	<0.21		0.50	0.21	ug/L			10/02/25 13:36	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			10/02/25 13:36	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/02/25 13:36	1

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: Trip Blank-HCL

Lab Sample ID: 500-275331-23

Date Collected: 09/24/25 00:00

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.35	^c *	1.0	0.35	ug/L			10/02/25 13:36	1
1,2,4-Trichlorobenzene	<0.31	^c *	1.0	0.31	ug/L			10/02/25 13:36	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/02/25 13:36	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/02/25 13:36	1
Trichloroethene	<0.15		0.50	0.15	ug/L			10/02/25 13:36	1
Trichlorofluoromethane	<0.44	^c	1.0	0.44	ug/L			10/02/25 13:36	1
1,2,3-Trichloropropane	<1.5	^c	2.0	1.5	ug/L			10/02/25 13:36	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/02/25 13:36	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 13:36	1
Vinyl chloride	<0.20	^c *	1.0	0.20	ug/L			10/02/25 13:36	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/02/25 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		72 - 124		10/02/25 13:36	1
Dibromofluoromethane (Surr)	101		75 - 120		10/02/25 13:36	1
1,2-Dichloroethane-d4 (Surr)	108		75 - 126		10/02/25 13:36	1
Toluene-d8 (Surr)	102		75 - 120		10/02/25 13:36	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-4S
Date Collected: 09/24/25 00:00
Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-24
Matrix: Water

Method: EPA Field Sampling - Field Sampling									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	11.49				ft			09/24/25 00:00	1
Groundwater Elevation (ft MSL)	791.4				ft			09/24/25 00:00	1

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- 16

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-5S
Date Collected: 09/24/25 00:00
Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-25
Matrix: Water

Method: EPA Field Sampling - Field Sampling									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	6.30				ft			09/24/25 00:00	1
Groundwater Elevation (ft MSL)	794.25				ft			09/24/25 00:00	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-5D
Date Collected: 09/24/25 00:00
Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-26
Matrix: Water

Method: EPA Field Sampling - Field Sampling									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	17.11				ft			09/24/25 00:00	1
Groundwater Elevation (ft MSL)	783.33				ft			09/24/25 00:00	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-6S
Date Collected: 09/24/25 00:00
Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-27
Matrix: Water

Method: EPA Field Sampling - Field Sampling									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	10.31				ft			09/24/25 00:00	1
Groundwater Elevation (ft MSL)	789.15				ft			09/24/25 00:00	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-7S
Date Collected: 09/24/25 00:00
Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-28
Matrix: Water

Method: EPA Field Sampling - Field Sampling									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	18.60				ft			09/24/25 00:00	1
Groundwater Elevation (ft MSL)	783.07				ft			09/24/25 00:00	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-7D
Date Collected: 09/24/25 00:00
Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-29
Matrix: Water

Method: EPA Field Sampling - Field Sampling									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	22.85				ft			09/24/25 00:00	1
Groundwater Elevation (ft MSL)	778.54				ft			09/24/25 00:00	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-11S
Date Collected: 09/24/25 00:00
Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-30
Matrix: Water

Method: EPA Field Sampling - Field Sampling									
Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Depth to Water (ft from MP)	33.57				ft			09/24/25 00:00	1
Groundwater Elevation (ft MSL)	787.46				ft			09/24/25 00:00	1

Definitions/Glossary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
^c	CCV Recovery is outside acceptance limits.
J	Reported value was between the limit of detection and the limit of quantitation.

Glossary

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

QC Association Summary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

GC/MS VOA

Analysis Batch: 836565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-275331-1	MW-1S	Total/NA	Water	8260D	
500-275331-2	MW-1D	Total/NA	Water	8260D	
500-275331-3	MW-1B	Total/NA	Water	8260D	
500-275331-4	MW-2S	Total/NA	Water	8260D	
500-275331-5	MW-2D	Total/NA	Water	8260D	
500-275331-6	MW-3S	Total/NA	Water	8260D	
500-275331-9 - DL	MW-3B2	Total/NA	Water	8260D	
500-275331-13	MW-6B	Total/NA	Water	8260D	
500-275331-14	MW-8S	Total/NA	Water	8260D	
500-275331-16	MW-9S	Total/NA	Water	8260D	
500-275331-18	MW-10S	Total/NA	Water	8260D	
500-275331-19	MW-12S	Total/NA	Water	8260D	
500-275331-23	Trip Blank-HCL	Total/NA	Water	8260D	
MB 500-836565/7	Method Blank	Total/NA	Water	8260D	
LCS 500-836565/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 500-836565/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 836876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-275331-7	MW-3D	Total/NA	Water	8260D	
500-275331-8	MW-3B1	Total/NA	Water	8260D	
500-275331-9	MW-3B2	Total/NA	Water	8260D	
500-275331-12	MW-6D	Total/NA	Water	8260D	
500-275331-15	MW-8B	Total/NA	Water	8260D	
500-275331-17	MW-9B	Total/NA	Water	8260D	
500-275331-20	MW-12B	Total/NA	Water	8260D	
500-275331-21	MW-13S	Total/NA	Water	8260D	
500-275331-22	MW-13B	Total/NA	Water	8260D	
MB 500-836876/8	Method Blank	Total/NA	Water	8260D	
LCS 500-836876/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 500-836876/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 836901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-275331-10	DUP-1	Total/NA	Water	8260D	
500-275331-10 - DL	DUP-1	Total/NA	Water	8260D	
500-275331-11	MW-4D	Total/NA	Water	8260D	
MB 500-836901/10	Method Blank	Total/NA	Water	8260D	
LCS 500-836901/6	Lab Control Sample	Total/NA	Water	8260D	
LCSD 500-836901/7	Lab Control Sample Dup	Total/NA	Water	8260D	

Field Service / Mobile Lab

Analysis Batch: 837027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-275331-1	MW-1S	Total/NA	Water	Field Sampling	
500-275331-2	MW-1D	Total/NA	Water	Field Sampling	
500-275331-3	MW-1B	Total/NA	Water	Field Sampling	
500-275331-4	MW-2S	Total/NA	Water	Field Sampling	
500-275331-5	MW-2D	Total/NA	Water	Field Sampling	
500-275331-6	MW-3S	Total/NA	Water	Field Sampling	

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QC Association Summary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Field Service / Mobile Lab (Continued)

Analysis Batch: 837027 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-275331-7	MW-3D	Total/NA	Water	Field Sampling	
500-275331-8	MW-3B1	Total/NA	Water	Field Sampling	
500-275331-9	MW-3B2	Total/NA	Water	Field Sampling	
500-275331-11	MW-4D	Total/NA	Water	Field Sampling	
500-275331-12	MW-6D	Total/NA	Water	Field Sampling	
500-275331-13	MW-6B	Total/NA	Water	Field Sampling	
500-275331-14	MW-8S	Total/NA	Water	Field Sampling	
500-275331-15	MW-8B	Total/NA	Water	Field Sampling	
500-275331-16	MW-9S	Total/NA	Water	Field Sampling	
500-275331-17	MW-9B	Total/NA	Water	Field Sampling	
500-275331-18	MW-10S	Total/NA	Water	Field Sampling	
500-275331-19	MW-12S	Total/NA	Water	Field Sampling	
500-275331-20	MW-12B	Total/NA	Water	Field Sampling	
500-275331-21	MW-13S	Total/NA	Water	Field Sampling	
500-275331-22	MW-13B	Total/NA	Water	Field Sampling	
500-275331-24	MW-4S	Total/NA	Water	Field Sampling	
500-275331-25	MW-5S	Total/NA	Water	Field Sampling	
500-275331-26	MW-5D	Total/NA	Water	Field Sampling	
500-275331-27	MW-6S	Total/NA	Water	Field Sampling	
500-275331-28	MW-7S	Total/NA	Water	Field Sampling	
500-275331-29	MW-7D	Total/NA	Water	Field Sampling	
500-275331-30	MW-11S	Total/NA	Water	Field Sampling	

Surrogate Summary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (72-124)	DBFM (75-120)	DCA (75-126)	TOL (75-120)
500-275331-1	MW-1S	107	101	108	101
500-275331-2	MW-1D	105	99	108	103
500-275331-3	MW-1B	104	101	109	102
500-275331-4	MW-2S	104	102	111	102
500-275331-5	MW-2D	107	100	111	101
500-275331-6	MW-3S	108	98	108	102
500-275331-7	MW-3D	100	97	99	106
500-275331-8	MW-3B1	99	101	101	106
500-275331-9 - DL	MW-3B2	106	100	106	103
500-275331-9	MW-3B2	99	97	99	106
500-275331-10	DUP-1	114	89	122	108
500-275331-10 - DL	DUP-1	108	87	120	106
500-275331-11	MW-4D	108	92	124	108
500-275331-12	MW-6D	100	101	103	106
500-275331-13	MW-6B	106	102	109	103
500-275331-14	MW-8S	104	102	109	102
500-275331-15	MW-8B	101	101	104	105
500-275331-16	MW-9S	104	102	110	101
500-275331-17	MW-9B	99	100	103	105
500-275331-18	MW-10S	103	100	109	103
500-275331-19	MW-12S	106	102	111	103
500-275331-20	MW-12B	99	101	103	105
500-275331-21	MW-13S	101	98	102	105
500-275331-22	MW-13B	100	99	101	105
500-275331-23	Trip Blank-HCL	105	101	108	102
LCS 500-836565/4	Lab Control Sample	101	101	105	101
LCS 500-836876/4	Lab Control Sample	96	99	100	104
LCS 500-836901/6	Lab Control Sample	107	80	112	108
LCSD 500-836565/5	Lab Control Sample Dup	102	101	106	104
LCSD 500-836876/5	Lab Control Sample Dup	95	99	100	105
LCSD 500-836901/7	Lab Control Sample Dup	106	83	112	107
MB 500-836565/7	Method Blank	104	100	108	104
MB 500-836876/8	Method Blank	100	99	101	106
MB 500-836901/10	Method Blank	111	87	119	108

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

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

Lab Sample ID: MB 500-836565/7

Matrix: Water

Analysis Batch: 836565

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/02/25 13:11	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/02/25 13:11	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/02/25 13:11	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/02/25 13:11	1
Bromoform	<0.96		1.0	0.96	ug/L			10/02/25 13:11	1
Bromomethane	<1.8		3.0	1.8	ug/L			10/02/25 13:11	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/02/25 13:11	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 13:11	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/02/25 13:11	1
Chloroform	<0.92		2.0	0.92	ug/L			10/02/25 13:11	1
Chloromethane	<0.79		5.0	0.79	ug/L			10/02/25 13:11	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/02/25 13:11	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/02/25 13:11	1
cis-1,2-Dichloroethene	<0.42		1.0	0.42	ug/L			10/02/25 13:11	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/02/25 13:11	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/02/25 13:11	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			10/02/25 13:11	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/02/25 13:11	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/02/25 13:11	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/02/25 13:11	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/02/25 13:11	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/02/25 13:11	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			10/02/25 13:11	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			10/02/25 13:11	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/02/25 13:11	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			10/02/25 13:11	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/02/25 13:11	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/02/25 13:11	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/02/25 13:11	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/02/25 13:11	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/02/25 13:11	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/02/25 13:11	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 13:11	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/02/25 13:11	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/02/25 13:11	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/02/25 13:11	1
Naphthalene	<0.44		1.0	0.44	ug/L			10/02/25 13:11	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/02/25 13:11	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/02/25 13:11	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/02/25 13:11	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 13:11	1
Styrene	<0.31		1.0	0.31	ug/L			10/02/25 13:11	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/02/25 13:11	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/02/25 13:11	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/02/25 13:11	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/02/25 13:11	1
Toluene	<0.21		0.50	0.21	ug/L			10/02/25 13:11	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			10/02/25 13:11	1

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

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

Lab Sample ID: MB 500-836565/7

Matrix: Water

Analysis Batch: 836565

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/02/25 13:11	1
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			10/02/25 13:11	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/02/25 13:11	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/02/25 13:11	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/02/25 13:11	1
Trichloroethene	<0.15		0.50	0.15	ug/L			10/02/25 13:11	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			10/02/25 13:11	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			10/02/25 13:11	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/02/25 13:11	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/02/25 13:11	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/02/25 13:11	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/02/25 13:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		72 - 124		10/02/25 13:11	1
Dibromofluoromethane (Surr)	100		75 - 120		10/02/25 13:11	1
1,2-Dichloroethane-d4 (Surr)	108		75 - 126		10/02/25 13:11	1
Toluene-d8 (Surr)	104		75 - 120		10/02/25 13:11	1

Lab Sample ID: LCS 500-836565/4

Matrix: Water

Analysis Batch: 836565

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	51.9		ug/L		104	70 - 120
Bromobenzene	50.0	53.8		ug/L		108	70 - 122
Bromochloromethane	50.0	53.7		ug/L		107	65 - 122
Bromodichloromethane	50.0	49.9		ug/L		100	69 - 120
Bromoform	50.0	55.8		ug/L		112	56 - 132
Bromomethane	50.0	41.8		ug/L		84	40 - 152
Carbon tetrachloride	50.0	53.8		ug/L		108	59 - 133
Chlorobenzene	50.0	53.3		ug/L		107	70 - 120
Chloroethane	50.0	56.2		ug/L		112	48 - 136
Chloroform	50.0	50.1		ug/L		100	70 - 120
Chloromethane	50.0	53.2		ug/L		106	56 - 152
2-Chlorotoluene	50.0	54.9		ug/L		110	70 - 125
4-Chlorotoluene	50.0	55.0		ug/L		110	68 - 124
cis-1,2-Dichloroethene	50.0	50.5		ug/L		101	70 - 125
cis-1,3-Dichloropropene	50.0	55.3		ug/L		111	64 - 127
Dibromochloromethane	50.0	54.4		ug/L		109	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	68.2	*	ug/L		136	56 - 123
1,2-Dibromoethane (EDB)	50.0	54.5		ug/L		109	70 - 125
Dibromomethane	50.0	54.3		ug/L		109	70 - 120
1,2-Dichlorobenzene	50.0	54.7		ug/L		109	70 - 125
1,3-Dichlorobenzene	50.0	53.3		ug/L		107	70 - 125
1,4-Dichlorobenzene	50.0	55.1		ug/L		110	70 - 120
Dichlorodifluoromethane	50.0	67.8		ug/L		136	40 - 159
1,1-Dichloroethane	50.0	52.9		ug/L		106	70 - 125

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

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

Lab Sample ID: LCS 500-836565/4

Matrix: Water

Analysis Batch: 836565

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2-Dichloroethane	50.0	55.8		ug/L		112	68 - 127
1,1-Dichloroethene	50.0	48.6		ug/L		97	67 - 122
1,2-Dichloropropane	50.0	53.5		ug/L		107	67 - 130
1,3-Dichloropropane	50.0	57.0		ug/L		114	62 - 136
2,2-Dichloropropane	50.0	53.0		ug/L		106	58 - 139
1,1-Dichloropropene	50.0	55.3		ug/L		111	70 - 121
Ethylbenzene	50.0	55.2		ug/L		110	70 - 123
Hexachlorobutadiene	50.0	57.1		ug/L		114	51 - 150
Isopropylbenzene	50.0	55.6		ug/L		111	70 - 126
Methylene Chloride	50.0	46.5		ug/L		93	69 - 125
Methyl tert-butyl ether	50.0	56.4		ug/L		113	55 - 123
Naphthalene	50.0	80.8	*	ug/L		162	53 - 144
n-Butylbenzene	50.0	57.8		ug/L		116	68 - 125
N-Propylbenzene	50.0	57.0		ug/L		114	69 - 127
4-Isopropyltoluene	50.0	56.5		ug/L		113	70 - 125
sec-Butylbenzene	50.0	57.1		ug/L		114	70 - 123
Styrene	50.0	54.5		ug/L		109	70 - 120
tert-Butylbenzene	50.0	55.0		ug/L		110	70 - 121
1,1,1,2-Tetrachloroethane	50.0	54.0		ug/L		108	70 - 125
1,1,2,2-Tetrachloroethane	50.0	55.6		ug/L		111	62 - 140
Tetrachloroethene	50.0	52.5		ug/L		105	70 - 128
Toluene	50.0	48.9		ug/L		98	70 - 125
trans-1,2-Dichloroethene	50.0	50.7		ug/L		101	70 - 125
trans-1,3-Dichloropropene	50.0	56.2		ug/L		112	62 - 128
1,2,3-Trichlorobenzene	50.0	80.6	*	ug/L		161	51 - 145
1,2,4-Trichlorobenzene	50.0	67.2		ug/L		134	57 - 137
1,1,1-Trichloroethane	50.0	54.5		ug/L		109	70 - 125
1,1,2-Trichloroethane	50.0	54.5		ug/L		109	71 - 130
Trichloroethene	50.0	52.6		ug/L		105	70 - 125
Trichlorofluoromethane	50.0	60.0		ug/L		120	55 - 128
1,2,3-Trichloropropane	50.0	57.6		ug/L		115	50 - 133
1,2,4-Trimethylbenzene	50.0	55.3		ug/L		111	70 - 123
1,3,5-Trimethylbenzene	50.0	55.7		ug/L		111	70 - 123
Vinyl chloride	50.0	66.4	*	ug/L		133	64 - 126
Xylenes, Total	100	102		ug/L		102	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		72 - 124
Dibromofluoromethane (Surr)	101		75 - 120
1,2-Dichloroethane-d4 (Surr)	105		75 - 126
Toluene-d8 (Surr)	101		75 - 120

Lab Sample ID: LCSD 500-836565/5

Matrix: Water

Analysis Batch: 836565

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	50.0	51.7		ug/L		103	70 - 120	0	20

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

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

Lab Sample ID: LCSD 500-836565/5

Matrix: Water

Analysis Batch: 836565

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromobenzene	50.0	55.0		ug/L		110	70 - 122	2	20
Bromochloromethane	50.0	52.4		ug/L		105	65 - 122	2	20
Bromodichloromethane	50.0	50.7		ug/L		101	69 - 120	2	20
Bromoform	50.0	56.5		ug/L		113	56 - 132	1	20
Bromomethane	50.0	42.4		ug/L		85	40 - 152	1	20
Carbon tetrachloride	50.0	51.7		ug/L		103	59 - 133	4	20
Chlorobenzene	50.0	53.9		ug/L		108	70 - 120	1	20
Chloroethane	50.0	52.1		ug/L		104	48 - 136	8	20
Chloroform	50.0	50.3		ug/L		101	70 - 120	0	20
Chloromethane	50.0	50.7		ug/L		101	56 - 152	5	20
2-Chlorotoluene	50.0	55.0		ug/L		110	70 - 125	0	20
4-Chlorotoluene	50.0	55.7		ug/L		111	68 - 124	1	20
cis-1,2-Dichloroethene	50.0	50.5		ug/L		101	70 - 125	0	20
cis-1,3-Dichloropropene	50.0	55.0		ug/L		110	64 - 127	1	20
Dibromochloromethane	50.0	55.2		ug/L		110	68 - 125	2	20
1,2-Dibromo-3-Chloropropane	50.0	71.6 *		ug/L		143	56 - 123	5	20
1,2-Dibromoethane (EDB)	50.0	56.1		ug/L		112	70 - 125	3	20
Dibromomethane	50.0	55.3		ug/L		111	70 - 120	2	20
1,2-Dichlorobenzene	50.0	56.1		ug/L		112	70 - 125	2	20
1,3-Dichlorobenzene	50.0	53.8		ug/L		108	70 - 125	1	20
1,4-Dichlorobenzene	50.0	54.1		ug/L		108	70 - 120	2	20
Dichlorodifluoromethane	50.0	55.4		ug/L		111	40 - 159	20	20
1,1-Dichloroethane	50.0	52.3		ug/L		105	70 - 125	1	20
1,2-Dichloroethane	50.0	56.7		ug/L		113	68 - 127	2	20
1,1-Dichloroethene	50.0	48.9		ug/L		98	67 - 122	1	20
1,2-Dichloropropane	50.0	52.7		ug/L		105	67 - 130	2	20
1,3-Dichloropropane	50.0	56.6		ug/L		113	62 - 136	1	20
2,2-Dichloropropane	50.0	52.5		ug/L		105	58 - 139	1	20
1,1-Dichloropropene	50.0	53.7		ug/L		107	70 - 121	3	20
Ethylbenzene	50.0	54.2		ug/L		108	70 - 123	2	20
Hexachlorobutadiene	50.0	56.2		ug/L		112	51 - 150	2	20
Isopropylbenzene	50.0	55.6		ug/L		111	70 - 126	0	20
Methylene Chloride	50.0	46.9		ug/L		94	69 - 125	1	20
Methyl tert-butyl ether	50.0	56.4		ug/L		113	55 - 123	0	20
Naphthalene	50.0	85.3 *		ug/L		171	53 - 144	5	20
n-Butylbenzene	50.0	56.5		ug/L		113	68 - 125	2	20
N-Propylbenzene	50.0	56.2		ug/L		112	69 - 127	1	20
4-Isopropyltoluene	50.0	56.3		ug/L		113	70 - 125	0	20
sec-Butylbenzene	50.0	55.5		ug/L		111	70 - 123	3	20
Styrene	50.0	54.4		ug/L		109	70 - 120	0	20
tert-Butylbenzene	50.0	55.2		ug/L		110	70 - 121	0	20
1,1,1,2-Tetrachloroethane	50.0	54.1		ug/L		108	70 - 125	0	20
1,1,2,2-Tetrachloroethane	50.0	57.3		ug/L		115	62 - 140	3	20
Tetrachloroethene	50.0	52.8		ug/L		106	70 - 128	1	20
Toluene	50.0	48.9		ug/L		98	70 - 125	0	20
trans-1,2-Dichloroethene	50.0	50.1		ug/L		100	70 - 125	1	20
trans-1,3-Dichloropropene	50.0	56.8		ug/L		114	62 - 128	1	20
1,2,3-Trichlorobenzene	50.0	84.1 *		ug/L		168	51 - 145	4	20
1,2,4-Trichlorobenzene	50.0	69.0 *		ug/L		138	57 - 137	3	20

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

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

Lab Sample ID: LCSD 500-836565/5

Matrix: Water

Analysis Batch: 836565

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	50.0	53.2		ug/L		106	70 - 125	2	20
1,1,2-Trichloroethane	50.0	54.5		ug/L		109	71 - 130	0	20
Trichloroethene	50.0	53.3		ug/L		107	70 - 125	1	20
Trichlorofluoromethane	50.0	52.7		ug/L		105	55 - 128	13	20
1,2,3-Trichloropropane	50.0	60.2		ug/L		120	50 - 133	4	20
1,2,4-Trimethylbenzene	50.0	55.5		ug/L		111	70 - 123	0	20
1,3,5-Trimethylbenzene	50.0	55.8		ug/L		112	70 - 123	0	20
Vinyl chloride	50.0	59.9		ug/L		120	64 - 126	10	20
Xylenes, Total	100	102		ug/L		102	70 - 125	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		72 - 124
Dibromofluoromethane (Surr)	101		75 - 120
1,2-Dichloroethane-d4 (Surr)	106		75 - 126
Toluene-d8 (Surr)	104		75 - 120

Lab Sample ID: MB 500-836876/8

Matrix: Water

Analysis Batch: 836876

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/05/25 15:31	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/05/25 15:31	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/05/25 15:31	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/05/25 15:31	1
Bromoform	<0.96		1.0	0.96	ug/L			10/05/25 15:31	1
Bromomethane	<1.8		3.0	1.8	ug/L			10/05/25 15:31	1
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/05/25 15:31	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/05/25 15:31	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/05/25 15:31	1
Chloroform	<0.92		2.0	0.92	ug/L			10/05/25 15:31	1
Chloromethane	<0.79		5.0	0.79	ug/L			10/05/25 15:31	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/05/25 15:31	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/05/25 15:31	1
cis-1,2-Dichloroethene	<0.42		1.0	0.42	ug/L			10/05/25 15:31	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/05/25 15:31	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/05/25 15:31	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			10/05/25 15:31	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/05/25 15:31	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/05/25 15:31	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/05/25 15:31	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/05/25 15:31	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/05/25 15:31	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			10/05/25 15:31	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			10/05/25 15:31	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/05/25 15:31	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			10/05/25 15:31	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/05/25 15:31	1

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

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

Lab Sample ID: MB 500-836876/8

Matrix: Water

Analysis Batch: 836876

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/05/25 15:31	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/05/25 15:31	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/05/25 15:31	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/05/25 15:31	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/05/25 15:31	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/05/25 15:31	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/05/25 15:31	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/05/25 15:31	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/05/25 15:31	1
Naphthalene	<0.44		1.0	0.44	ug/L			10/05/25 15:31	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/05/25 15:31	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/05/25 15:31	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/05/25 15:31	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/05/25 15:31	1
Styrene	<0.31		1.0	0.31	ug/L			10/05/25 15:31	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/05/25 15:31	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/05/25 15:31	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/05/25 15:31	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/05/25 15:31	1
Toluene	<0.21		0.50	0.21	ug/L			10/05/25 15:31	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			10/05/25 15:31	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/05/25 15:31	1
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			10/05/25 15:31	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/05/25 15:31	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/05/25 15:31	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/05/25 15:31	1
Trichloroethene	<0.15		0.50	0.15	ug/L			10/05/25 15:31	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			10/05/25 15:31	1
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			10/05/25 15:31	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/05/25 15:31	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/05/25 15:31	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/05/25 15:31	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/05/25 15:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124		10/05/25 15:31	1
Dibromofluoromethane (Surr)	99		75 - 120		10/05/25 15:31	1
1,2-Dichloroethane-d4 (Surr)	101		75 - 126		10/05/25 15:31	1
Toluene-d8 (Surr)	106		75 - 120		10/05/25 15:31	1

Lab Sample ID: LCS 500-836876/4

Matrix: Water

Analysis Batch: 836876

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	47.1		ug/L		94	70 - 120
Bromobenzene	50.0	47.6		ug/L		95	70 - 122
Bromochloromethane	50.0	48.4		ug/L		97	65 - 122

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

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

Lab Sample ID: LCS 500-836876/4

Matrix: Water

Analysis Batch: 836876

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromodichloromethane	50.0	48.3		ug/L		97	69 - 120
Bromoform	50.0	45.6		ug/L		91	56 - 132
Bromomethane	50.0	77.9	*	ug/L		156	40 - 152
Carbon tetrachloride	50.0	42.6		ug/L		85	59 - 133
Chlorobenzene	50.0	51.5		ug/L		103	70 - 120
Chloroethane	50.0	58.0		ug/L		116	48 - 136
Chloroform	50.0	48.9		ug/L		98	70 - 120
Chloromethane	50.0	63.2		ug/L		126	56 - 152
2-Chlorotoluene	50.0	46.2		ug/L		92	70 - 125
4-Chlorotoluene	50.0	46.4		ug/L		93	68 - 124
cis-1,2-Dichloroethene	50.0	46.8		ug/L		94	70 - 125
cis-1,3-Dichloropropene	50.0	50.6		ug/L		101	64 - 127
Dibromochloromethane	50.0	51.7		ug/L		103	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	53.1		ug/L		106	56 - 123
1,2-Dibromoethane (EDB)	50.0	49.8		ug/L		100	70 - 125
Dibromomethane	50.0	51.4		ug/L		103	70 - 120
1,2-Dichlorobenzene	50.0	48.6		ug/L		97	70 - 125
1,3-Dichlorobenzene	50.0	47.9		ug/L		96	70 - 125
1,4-Dichlorobenzene	50.0	48.8		ug/L		98	70 - 120
Dichlorodifluoromethane	50.0	43.8		ug/L		88	40 - 159
1,1-Dichloroethane	50.0	46.8		ug/L		94	70 - 125
1,2-Dichloroethane	50.0	49.2		ug/L		98	68 - 127
1,1-Dichloroethene	50.0	36.8		ug/L		74	67 - 122
1,2-Dichloropropane	50.0	48.9		ug/L		98	67 - 130
1,3-Dichloropropane	50.0	51.8		ug/L		104	62 - 136
2,2-Dichloropropane	50.0	43.9		ug/L		88	58 - 139
1,1-Dichloropropene	50.0	44.7		ug/L		89	70 - 121
Ethylbenzene	50.0	48.9		ug/L		98	70 - 123
Hexachlorobutadiene	50.0	48.3		ug/L		97	51 - 150
Isopropylbenzene	50.0	46.7		ug/L		93	70 - 126
Methylene Chloride	50.0	41.5		ug/L		83	69 - 125
Methyl tert-butyl ether	50.0	45.3		ug/L		91	55 - 123
Naphthalene	50.0	57.6		ug/L		115	53 - 144
n-Butylbenzene	50.0	44.9		ug/L		90	68 - 125
N-Propylbenzene	50.0	46.9		ug/L		94	69 - 127
4-Isopropyltoluene	50.0	46.0		ug/L		92	70 - 125
sec-Butylbenzene	50.0	43.8		ug/L		88	70 - 123
Styrene	50.0	49.1		ug/L		98	70 - 120
tert-Butylbenzene	50.0	44.8		ug/L		90	70 - 121
1,1,1,2-Tetrachloroethane	50.0	50.9		ug/L		102	70 - 125
1,1,2,2-Tetrachloroethane	50.0	54.0		ug/L		108	62 - 140
Tetrachloroethene	50.0	45.1		ug/L		90	70 - 128
Toluene	50.0	48.9		ug/L		98	70 - 125
trans-1,2-Dichloroethene	50.0	45.8		ug/L		92	70 - 125
trans-1,3-Dichloropropene	50.0	49.5		ug/L		99	62 - 128
1,2,3-Trichlorobenzene	50.0	55.4		ug/L		111	51 - 145
1,2,4-Trichlorobenzene	50.0	49.3		ug/L		99	57 - 137
1,1,1-Trichloroethane	50.0	45.0		ug/L		90	70 - 125
1,1,2-Trichloroethane	50.0	53.5		ug/L		107	71 - 130

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

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

Lab Sample ID: LCS 500-836876/4

Matrix: Water

Analysis Batch: 836876

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Trichloroethene	50.0	47.7		ug/L		95	70 - 125
Trichlorofluoromethane	50.0	49.7		ug/L		99	55 - 128
1,2,3-Trichloropropane	50.0	52.9		ug/L		106	50 - 133
1,2,4-Trimethylbenzene	50.0	45.8		ug/L		92	70 - 123
1,3,5-Trimethylbenzene	50.0	45.7		ug/L		91	70 - 123
Vinyl chloride	50.0	61.7		ug/L		123	64 - 126
Xylenes, Total	100	92.1		ug/L		92	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		72 - 124
Dibromofluoromethane (Surr)	99		75 - 120
1,2-Dichloroethane-d4 (Surr)	100		75 - 126
Toluene-d8 (Surr)	104		75 - 120

Lab Sample ID: LCSD 500-836876/5

Matrix: Water

Analysis Batch: 836876

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	50.0	47.6		ug/L		95	70 - 120	1	20
Bromobenzene	50.0	49.6		ug/L		99	70 - 122	4	20
Bromochloromethane	50.0	50.2		ug/L		100	65 - 122	4	20
Bromodichloromethane	50.0	48.8		ug/L		98	69 - 120	1	20
Bromoform	50.0	47.0		ug/L		94	56 - 132	3	20
Bromomethane	50.0	78.2 *		ug/L		156	40 - 152	0	20
Carbon tetrachloride	50.0	42.3		ug/L		85	59 - 133	1	20
Chlorobenzene	50.0	52.5		ug/L		105	70 - 120	2	20
Chloroethane	50.0	57.6		ug/L		115	48 - 136	1	20
Chloroform	50.0	49.9		ug/L		100	70 - 120	2	20
Chloromethane	50.0	64.4		ug/L		129	56 - 152	2	20
2-Chlorotoluene	50.0	48.1		ug/L		96	70 - 125	4	20
4-Chlorotoluene	50.0	48.4		ug/L		97	68 - 124	4	20
cis-1,2-Dichloroethene	50.0	47.6		ug/L		95	70 - 125	2	20
cis-1,3-Dichloropropene	50.0	52.4		ug/L		105	64 - 127	4	20
Dibromochloromethane	50.0	52.2		ug/L		104	68 - 125	1	20
1,2-Dibromo-3-Chloropropane	50.0	55.0		ug/L		110	56 - 123	4	20
1,2-Dibromoethane (EDB)	50.0	50.3		ug/L		101	70 - 125	1	20
Dibromomethane	50.0	51.4		ug/L		103	70 - 120	0	20
1,2-Dichlorobenzene	50.0	50.9		ug/L		102	70 - 125	5	20
1,3-Dichlorobenzene	50.0	49.7		ug/L		99	70 - 125	4	20
1,4-Dichlorobenzene	50.0	50.1		ug/L		100	70 - 120	3	20
Dichlorodifluoromethane	50.0	46.7		ug/L		93	40 - 159	7	20
1,1-Dichloroethane	50.0	47.7		ug/L		95	70 - 125	2	20
1,2-Dichloroethane	50.0	49.9		ug/L		100	68 - 127	1	20
1,1-Dichloroethene	50.0	36.7		ug/L		73	67 - 122	0	20
1,2-Dichloropropane	50.0	50.9		ug/L		102	67 - 130	4	20
1,3-Dichloropropane	50.0	52.6		ug/L		105	62 - 136	2	20
2,2-Dichloropropane	50.0	44.3		ug/L		89	58 - 139	1	20

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

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

Lab Sample ID: LCSD 500-836876/5

Matrix: Water

Analysis Batch: 836876

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloropropene	50.0	44.7		ug/L		89	70 - 121	0	20
Ethylbenzene	50.0	50.7		ug/L		101	70 - 123	4	20
Hexachlorobutadiene	50.0	53.3		ug/L		107	51 - 150	10	20
Isopropylbenzene	50.0	48.6		ug/L		97	70 - 126	4	20
Methylene Chloride	50.0	41.3		ug/L		83	69 - 125	0	20
Methyl tert-butyl ether	50.0	46.5		ug/L		93	55 - 123	2	20
Naphthalene	50.0	59.9		ug/L		120	53 - 144	4	20
n-Butylbenzene	50.0	47.8		ug/L		96	68 - 125	6	20
N-Propylbenzene	50.0	48.3		ug/L		97	69 - 127	3	20
4-Isopropyltoluene	50.0	48.9		ug/L		98	70 - 125	6	20
sec-Butylbenzene	50.0	46.7		ug/L		93	70 - 123	6	20
Styrene	50.0	50.9		ug/L		102	70 - 120	3	20
tert-Butylbenzene	50.0	46.6		ug/L		93	70 - 121	4	20
1,1,1,2-Tetrachloroethane	50.0	52.3		ug/L		105	70 - 125	3	20
1,1,2,2-Tetrachloroethane	50.0	55.2		ug/L		110	62 - 140	2	20
Tetrachloroethene	50.0	45.2		ug/L		90	70 - 128	0	20
Toluene	50.0	49.9		ug/L		100	70 - 125	2	20
trans-1,2-Dichloroethene	50.0	45.8		ug/L		92	70 - 125	0	20
trans-1,3-Dichloropropene	50.0	52.1		ug/L		104	62 - 128	5	20
1,2,3-Trichlorobenzene	50.0	58.8		ug/L		118	51 - 145	6	20
1,2,4-Trichlorobenzene	50.0	52.3		ug/L		105	57 - 137	6	20
1,1,1-Trichloroethane	50.0	44.7		ug/L		89	70 - 125	1	20
1,1,2-Trichloroethane	50.0	54.1		ug/L		108	71 - 130	1	20
Trichloroethene	50.0	47.4		ug/L		95	70 - 125	1	20
Trichlorofluoromethane	50.0	52.3		ug/L		105	55 - 128	5	20
1,2,3-Trichloropropane	50.0	54.3		ug/L		109	50 - 133	3	20
1,2,4-Trimethylbenzene	50.0	47.7		ug/L		95	70 - 123	4	20
1,3,5-Trimethylbenzene	50.0	48.4		ug/L		97	70 - 123	6	20
Vinyl chloride	50.0	62.6		ug/L		125	64 - 126	2	20
Xylenes, Total	100	93.8		ug/L		94	70 - 125	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		72 - 124
Dibromofluoromethane (Surr)	99		75 - 120
1,2-Dichloroethane-d4 (Surr)	100		75 - 126
Toluene-d8 (Surr)	105		75 - 120

Lab Sample ID: MB 500-836901/10

Matrix: Water

Analysis Batch: 836901

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.18		0.50	0.18	ug/L			10/06/25 12:08	1
Bromobenzene	<0.60		1.0	0.60	ug/L			10/06/25 12:08	1
Bromochloromethane	<0.50		1.0	0.50	ug/L			10/06/25 12:08	1
Bromodichloromethane	<0.57		1.0	0.57	ug/L			10/06/25 12:08	1
Bromoform	<0.96		1.0	0.96	ug/L			10/06/25 12:08	1
Bromomethane	<1.8		3.0	1.8	ug/L			10/06/25 12:08	1

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

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

Lab Sample ID: MB 500-836901/10

Matrix: Water

Analysis Batch: 836901

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	<0.42		1.0	0.42	ug/L			10/06/25 12:08	1
Chlorobenzene	<0.41		1.0	0.41	ug/L			10/06/25 12:08	1
Chloroethane	<0.47		5.0	0.47	ug/L			10/06/25 12:08	1
Chloroform	<0.92		2.0	0.92	ug/L			10/06/25 12:08	1
Chloromethane	<0.79		5.0	0.79	ug/L			10/06/25 12:08	1
2-Chlorotoluene	<0.36		1.0	0.36	ug/L			10/06/25 12:08	1
4-Chlorotoluene	<0.34		1.0	0.34	ug/L			10/06/25 12:08	1
cis-1,2-Dichloroethene	<0.42		1.0	0.42	ug/L			10/06/25 12:08	1
cis-1,3-Dichloropropene	<0.52		1.0	0.52	ug/L			10/06/25 12:08	1
Dibromochloromethane	<0.83		1.0	0.83	ug/L			10/06/25 12:08	1
1,2-Dibromo-3-Chloropropane	<3.9		5.0	3.9	ug/L			10/06/25 12:08	1
1,2-Dibromoethane (EDB)	<0.56		1.0	0.56	ug/L			10/06/25 12:08	1
Dibromomethane	<0.58		1.0	0.58	ug/L			10/06/25 12:08	1
1,2-Dichlorobenzene	<0.48		1.0	0.48	ug/L			10/06/25 12:08	1
1,3-Dichlorobenzene	<0.41		1.0	0.41	ug/L			10/06/25 12:08	1
1,4-Dichlorobenzene	<0.46		1.0	0.46	ug/L			10/06/25 12:08	1
Dichlorodifluoromethane	<1.8		3.0	1.8	ug/L			10/06/25 12:08	1
1,1-Dichloroethane	<0.36		1.0	0.36	ug/L			10/06/25 12:08	1
1,2-Dichloroethane	<0.58		1.0	0.58	ug/L			10/06/25 12:08	1
1,1-Dichloroethene	<0.48		1.0	0.48	ug/L			10/06/25 12:08	1
1,2-Dichloropropane	<0.37		1.0	0.37	ug/L			10/06/25 12:08	1
1,3-Dichloropropane	<0.56		1.0	0.56	ug/L			10/06/25 12:08	1
2,2-Dichloropropane	<0.48		5.0	0.48	ug/L			10/06/25 12:08	1
1,1-Dichloropropene	<0.33		1.0	0.33	ug/L			10/06/25 12:08	1
Ethylbenzene	<0.20		0.50	0.20	ug/L			10/06/25 12:08	1
Hexachlorobutadiene	<0.54		1.0	0.54	ug/L			10/06/25 12:08	1
Isopropylbenzene	<0.29		1.0	0.29	ug/L			10/06/25 12:08	1
Isopropyl ether	<0.39		1.0	0.39	ug/L			10/06/25 12:08	1
Methylene Chloride	<3.6		5.0	3.6	ug/L			10/06/25 12:08	1
Methyl tert-butyl ether	<0.43		1.0	0.43	ug/L			10/06/25 12:08	1
Naphthalene	<0.44		1.0	0.44	ug/L			10/06/25 12:08	1
n-Butylbenzene	<0.33		1.0	0.33	ug/L			10/06/25 12:08	1
N-Propylbenzene	<0.32		1.0	0.32	ug/L			10/06/25 12:08	1
4-Isopropyltoluene	<0.29		1.0	0.29	ug/L			10/06/25 12:08	1
sec-Butylbenzene	<0.27		1.0	0.27	ug/L			10/06/25 12:08	1
Styrene	<0.31		1.0	0.31	ug/L			10/06/25 12:08	1
tert-Butylbenzene	<0.27		1.0	0.27	ug/L			10/06/25 12:08	1
1,1,1,2-Tetrachloroethane	<0.67		1.0	0.67	ug/L			10/06/25 12:08	1
1,1,2,2-Tetrachloroethane	<0.65		1.0	0.65	ug/L			10/06/25 12:08	1
Tetrachloroethene	<0.39		1.0	0.39	ug/L			10/06/25 12:08	1
Toluene	<0.21		0.50	0.21	ug/L			10/06/25 12:08	1
trans-1,2-Dichloroethene	<0.44		1.0	0.44	ug/L			10/06/25 12:08	1
trans-1,3-Dichloropropene	<0.63		1.0	0.63	ug/L			10/06/25 12:08	1
1,2,3-Trichlorobenzene	<0.35		1.0	0.35	ug/L			10/06/25 12:08	1
1,2,4-Trichlorobenzene	<0.31		1.0	0.31	ug/L			10/06/25 12:08	1
1,1,1-Trichloroethane	<0.45		1.0	0.45	ug/L			10/06/25 12:08	1
1,1,2-Trichloroethane	<0.73		1.0	0.73	ug/L			10/06/25 12:08	1
Trichloroethene	<0.15		0.50	0.15	ug/L			10/06/25 12:08	1
Trichlorofluoromethane	<0.44		1.0	0.44	ug/L			10/06/25 12:08	1

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

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

Lab Sample ID: MB 500-836901/10

Matrix: Water

Analysis Batch: 836901

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	<1.5		2.0	1.5	ug/L			10/06/25 12:08	1
1,2,4-Trimethylbenzene	<0.30		1.0	0.30	ug/L			10/06/25 12:08	1
1,3,5-Trimethylbenzene	<0.29		1.0	0.29	ug/L			10/06/25 12:08	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/06/25 12:08	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/06/25 12:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		72 - 124		10/06/25 12:08	1
Dibromofluoromethane (Surr)	87		75 - 120		10/06/25 12:08	1
1,2-Dichloroethane-d4 (Surr)	119		75 - 126		10/06/25 12:08	1
Toluene-d8 (Surr)	108		75 - 120		10/06/25 12:08	1

Lab Sample ID: LCS 500-836901/6

Matrix: Water

Analysis Batch: 836901

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	45.9		ug/L		92	70 - 120
Bromobenzene	50.0	49.5		ug/L		99	70 - 122
Bromochloromethane	50.0	47.4		ug/L		95	65 - 122
Bromodichloromethane	50.0	50.8		ug/L		102	69 - 120
Bromoform	50.0	48.7		ug/L		97	56 - 132
Bromomethane	50.0	26.7		ug/L		53	40 - 152
Carbon tetrachloride	50.0	42.4		ug/L		85	59 - 133
Chlorobenzene	50.0	49.6		ug/L		99	70 - 120
Chloroethane	50.0	40.1		ug/L		80	48 - 136
Chloroform	50.0	49.4		ug/L		99	70 - 120
Chloromethane	50.0	45.2		ug/L		90	56 - 152
2-Chlorotoluene	50.0	54.0		ug/L		108	70 - 125
4-Chlorotoluene	50.0	55.9		ug/L		112	68 - 124
cis-1,2-Dichloroethene	50.0	48.0		ug/L		96	70 - 125
cis-1,3-Dichloropropene	50.0	55.3		ug/L		111	64 - 127
Dibromochloromethane	50.0	51.9		ug/L		104	68 - 125
1,2-Dibromo-3-Chloropropane	50.0	48.5		ug/L		97	56 - 123
1,2-Dibromoethane (EDB)	50.0	54.2		ug/L		108	70 - 125
Dibromomethane	50.0	51.2		ug/L		102	70 - 120
1,2-Dichlorobenzene	50.0	52.2		ug/L		104	70 - 125
1,3-Dichlorobenzene	50.0	50.6		ug/L		101	70 - 125
1,4-Dichlorobenzene	50.0	51.2		ug/L		102	70 - 120
Dichlorodifluoromethane	50.0	54.5		ug/L		109	40 - 159
1,1-Dichloroethane	50.0	50.1		ug/L		100	70 - 125
1,2-Dichloroethane	50.0	53.8		ug/L		108	68 - 127
1,1-Dichloroethene	50.0	38.1		ug/L		76	67 - 122
1,2-Dichloropropane	50.0	51.8		ug/L		104	67 - 130
1,3-Dichloropropane	50.0	54.9		ug/L		110	62 - 136
2,2-Dichloropropane	50.0	48.7		ug/L		97	58 - 139
1,1-Dichloropropene	50.0	44.6		ug/L		89	70 - 121
Ethylbenzene	50.0	50.5		ug/L		101	70 - 123

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

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

Lab Sample ID: LCS 500-836901/6

Matrix: Water

Analysis Batch: 836901

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Hexachlorobutadiene	50.0	45.6		ug/L		91	51 - 150
Isopropylbenzene	50.0	50.6		ug/L		101	70 - 126
Methylene Chloride	50.0	44.4		ug/L		89	69 - 125
Methyl tert-butyl ether	50.0	50.0		ug/L		100	55 - 123
Naphthalene	50.0	38.4		ug/L		77	53 - 144
n-Butylbenzene	50.0	50.2		ug/L		100	68 - 125
N-Propylbenzene	50.0	53.0		ug/L		106	69 - 127
4-Isopropyltoluene	50.0	48.2		ug/L		96	70 - 125
sec-Butylbenzene	50.0	48.3		ug/L		97	70 - 123
Styrene	50.0	53.2		ug/L		106	70 - 120
tert-Butylbenzene	50.0	47.6		ug/L		95	70 - 121
1,1,1,2-Tetrachloroethane	50.0	50.9		ug/L		102	70 - 125
1,1,2,2-Tetrachloroethane	50.0	51.6		ug/L		103	62 - 140
Tetrachloroethene	50.0	49.5		ug/L		99	70 - 128
Toluene	50.0	45.4		ug/L		91	70 - 125
trans-1,2-Dichloroethene	50.0	47.1		ug/L		94	70 - 125
trans-1,3-Dichloropropene	50.0	56.9		ug/L		114	62 - 128
1,2,3-Trichlorobenzene	50.0	36.8		ug/L		74	51 - 145
1,2,4-Trichlorobenzene	50.0	44.1		ug/L		88	57 - 137
1,1,1-Trichloroethane	50.0	49.6		ug/L		99	70 - 125
1,1,2-Trichloroethane	50.0	54.1		ug/L		108	71 - 130
Trichloroethene	50.0	44.8		ug/L		90	70 - 125
Trichlorofluoromethane	50.0	43.8		ug/L		88	55 - 128
1,2,3-Trichloropropane	50.0	53.6		ug/L		107	50 - 133
1,2,4-Trimethylbenzene	50.0	53.8		ug/L		108	70 - 123
1,3,5-Trimethylbenzene	50.0	53.3		ug/L		107	70 - 123
Vinyl chloride	50.0	32.1		ug/L		64	64 - 126
Xylenes, Total	100	106		ug/L		106	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		72 - 124
Dibromofluoromethane (Surr)	80		75 - 120
1,2-Dichloroethane-d4 (Surr)	112		75 - 126
Toluene-d8 (Surr)	108		75 - 120

Lab Sample ID: LCSD 500-836901/7

Matrix: Water

Analysis Batch: 836901

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	50.0	46.6		ug/L		93	70 - 120	2	20
Bromobenzene	50.0	50.1		ug/L		100	70 - 122	1	20
Bromochloromethane	50.0	48.7		ug/L		97	65 - 122	3	20
Bromodichloromethane	50.0	51.9		ug/L		104	69 - 120	2	20
Bromoform	50.0	47.8		ug/L		96	56 - 132	2	20
Bromomethane	50.0	27.1		ug/L		54	40 - 152	2	20
Carbon tetrachloride	50.0	43.4		ug/L		87	59 - 133	2	20
Chlorobenzene	50.0	49.4		ug/L		99	70 - 120	0	20

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

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

Lab Sample ID: LCSD 500-836901/7

Matrix: Water

Analysis Batch: 836901

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloroethane	50.0	39.1		ug/L		78	48 - 136	3	20
Chloroform	50.0	51.7		ug/L		103	70 - 120	5	20
Chloromethane	50.0	45.0		ug/L		90	56 - 152	1	20
2-Chlorotoluene	50.0	55.7		ug/L		111	70 - 125	3	20
4-Chlorotoluene	50.0	57.3		ug/L		115	68 - 124	3	20
cis-1,2-Dichloroethene	50.0	50.2		ug/L		100	70 - 125	4	20
cis-1,3-Dichloropropene	50.0	55.2		ug/L		110	64 - 127	0	20
Dibromochloromethane	50.0	50.6		ug/L		101	68 - 125	2	20
1,2-Dibromo-3-Chloropropane	50.0	49.6		ug/L		99	56 - 123	2	20
1,2-Dibromoethane (EDB)	50.0	53.5		ug/L		107	70 - 125	1	20
Dibromomethane	50.0	51.4		ug/L		103	70 - 120	0	20
1,2-Dichlorobenzene	50.0	51.3		ug/L		103	70 - 125	2	20
1,3-Dichlorobenzene	50.0	50.8		ug/L		102	70 - 125	0	20
1,4-Dichlorobenzene	50.0	51.1		ug/L		102	70 - 120	0	20
Dichlorodifluoromethane	50.0	47.8		ug/L		96	40 - 159	13	20
1,1-Dichloroethane	50.0	50.5		ug/L		101	70 - 125	1	20
1,2-Dichloroethane	50.0	55.8		ug/L		112	68 - 127	4	20
1,1-Dichloroethene	50.0	39.1		ug/L		78	67 - 122	2	20
1,2-Dichloropropane	50.0	52.0		ug/L		104	67 - 130	0	20
1,3-Dichloropropane	50.0	55.7		ug/L		111	62 - 136	1	20
2,2-Dichloropropane	50.0	51.1		ug/L		102	58 - 139	5	20
1,1-Dichloropropene	50.0	45.5		ug/L		91	70 - 121	2	20
Ethylbenzene	50.0	51.3		ug/L		103	70 - 123	1	20
Hexachlorobutadiene	50.0	46.8		ug/L		94	51 - 150	3	20
Isopropylbenzene	50.0	51.2		ug/L		102	70 - 126	1	20
Methylene Chloride	50.0	46.9		ug/L		94	69 - 125	5	20
Methyl tert-butyl ether	50.0	50.7		ug/L		101	55 - 123	1	20
Naphthalene	50.0	39.7		ug/L		79	53 - 144	3	20
n-Butylbenzene	50.0	50.6		ug/L		101	68 - 125	1	20
N-Propylbenzene	50.0	52.7		ug/L		105	69 - 127	1	20
4-Isopropyltoluene	50.0	48.7		ug/L		97	70 - 125	1	20
sec-Butylbenzene	50.0	49.1		ug/L		98	70 - 123	2	20
Styrene	50.0	53.5		ug/L		107	70 - 120	1	20
tert-Butylbenzene	50.0	48.8		ug/L		98	70 - 121	3	20
1,1,1,2-Tetrachloroethane	50.0	50.2		ug/L		100	70 - 125	1	20
1,1,2,2-Tetrachloroethane	50.0	50.8		ug/L		102	62 - 140	2	20
Tetrachloroethene	50.0	47.7		ug/L		95	70 - 128	4	20
Toluene	50.0	45.8		ug/L		92	70 - 125	1	20
trans-1,2-Dichloroethene	50.0	48.0		ug/L		96	70 - 125	2	20
trans-1,3-Dichloropropene	50.0	56.1		ug/L		112	62 - 128	1	20
1,2,3-Trichlorobenzene	50.0	40.0		ug/L		80	51 - 145	8	20
1,2,4-Trichlorobenzene	50.0	44.4		ug/L		89	57 - 137	1	20
1,1,1-Trichloroethane	50.0	50.9		ug/L		102	70 - 125	3	20
1,1,2-Trichloroethane	50.0	53.7		ug/L		107	71 - 130	1	20
Trichloroethene	50.0	45.3		ug/L		91	70 - 125	1	20
Trichlorofluoromethane	50.0	40.1		ug/L		80	55 - 128	9	20
1,2,3-Trichloropropane	50.0	53.5		ug/L		107	50 - 133	0	20
1,2,4-Trimethylbenzene	50.0	54.8		ug/L		110	70 - 123	2	20
1,3,5-Trimethylbenzene	50.0	54.3		ug/L		109	70 - 123	2	20

Eurofins Chicago

QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

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

Lab Sample ID: LCSD 500-836901/7

Matrix: Water

Analysis Batch: 836901

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Vinyl chloride	50.0	30.7	*	ug/L		61	64 - 126	5	20
Xylenes, Total	100	106		ug/L		106	70 - 125	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene (Surr)	106		72 - 124
Dibromofluoromethane (Surr)	83		75 - 120
1,2-Dichloroethane-d4 (Surr)	112		75 - 126
Toluene-d8 (Surr)	107		75 - 120

Lab Chronicle

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-1S

Date Collected: 09/24/25 13:00

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836565	W1T	EET CHI	10/02/25 14:02
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 13:00

Client Sample ID: MW-1D

Date Collected: 09/24/25 13:25

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836565	W1T	EET CHI	10/02/25 14:28
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 13:25

Client Sample ID: MW-1B

Date Collected: 09/24/25 13:15

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836565	W1T	EET CHI	10/02/25 14:53
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 13:15

Client Sample ID: MW-2S

Date Collected: 09/24/25 11:05

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836565	W1T	EET CHI	10/02/25 15:19
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 11:05

Client Sample ID: MW-2D

Date Collected: 09/24/25 11:00

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836565	W1T	EET CHI	10/02/25 15:44
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 11:00

Client Sample ID: MW-3S

Date Collected: 09/25/25 13:25

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836565	W1T	EET CHI	10/02/25 16:10
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/25/25 13:25

Eurofins Chicago

Lab Chronicle

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-3D

Date Collected: 09/25/25 13:20

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836876	W1T	EET CHI	10/05/25 17:10
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/25/25 13:20

Client Sample ID: MW-3B1

Date Collected: 09/25/25 14:00

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		5	836876	W1T	EET CHI	10/05/25 21:19
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/25/25 14:00

Client Sample ID: MW-3B2

Date Collected: 09/25/25 14:20

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836876	W1T	EET CHI	10/05/25 17:35
Total/NA	Analysis	8260D	DL	10	836565	W1T	EET CHI	10/02/25 17:52
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/25/25 14:20

Client Sample ID: DUP-1

Date Collected: 09/25/25 14:22

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836901	W1T	EET CHI	10/06/25 13:44
Total/NA	Analysis	8260D	DL	10	836901	W1T	EET CHI	10/06/25 14:57

Client Sample ID: MW-4D

Date Collected: 09/24/25 11:50

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836901	W1T	EET CHI	10/06/25 13:21
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 11:50

Client Sample ID: MW-6D

Date Collected: 09/24/25 09:00

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836876	W1T	EET CHI	10/05/25 18:25
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 09:00

Eurofins Chicago

Lab Chronicle

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-6B

Date Collected: 09/24/25 09:04

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836565	W1T	EET CHI	10/02/25 19:33
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 09:04

Client Sample ID: MW-8S

Date Collected: 09/24/25 14:30

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836565	W1T	EET CHI	10/02/25 19:58
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 14:30

Client Sample ID: MW-8B

Date Collected: 09/24/25 14:35

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836876	W1T	EET CHI	10/05/25 18:50
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 14:35

Client Sample ID: MW-9S

Date Collected: 09/24/25 10:40

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836565	W1T	EET CHI	10/02/25 20:50
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 10:40

Client Sample ID: MW-9B

Date Collected: 09/24/25 10:30

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836876	W1T	EET CHI	10/05/25 19:15
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 10:30

Client Sample ID: MW-10S

Date Collected: 09/25/25 12:30

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836565	W1T	EET CHI	10/02/25 21:42
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/25/25 12:30

Eurofins Chicago

Lab Chronicle

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-12S

Date Collected: 09/24/25 15:15

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836565	W1T	EET CHI	10/02/25 22:07
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 15:15

Client Sample ID: MW-12B

Date Collected: 09/24/25 15:15

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836876	W1T	EET CHI	10/05/25 19:40
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 15:15

Client Sample ID: MW-13S

Date Collected: 09/25/25 16:10

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836876	W1T	EET CHI	10/05/25 20:04
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/25/25 16:10

Client Sample ID: MW-13B

Date Collected: 09/25/25 16:15

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836876	W1T	EET CHI	10/05/25 20:29
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/25/25 16:15

Client Sample ID: Trip Blank-HCL

Date Collected: 09/24/25 00:00

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836565	W1T	EET CHI	10/02/25 13:36

Client Sample ID: MW-4S

Date Collected: 09/24/25 00:00

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 00:00

Lab Chronicle

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Client Sample ID: MW-5S

Date Collected: 09/24/25 00:00

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 00:00

Client Sample ID: MW-5D

Date Collected: 09/24/25 00:00

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 00:00

Client Sample ID: MW-6S

Date Collected: 09/24/25 00:00

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-27

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 00:00

Client Sample ID: MW-7S

Date Collected: 09/24/25 00:00

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-28

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 00:00

Client Sample ID: MW-7D

Date Collected: 09/24/25 00:00

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-29

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 00:00

Client Sample ID: MW-11S

Date Collected: 09/24/25 00:00

Date Received: 09/27/25 09:30

Lab Sample ID: 500-275331-30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Field Sampling		1	837027	DN	EET CHI	09/24/25 00:00

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Accreditation/Certification Summary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275331-1

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	399172840	08-31-26

1
2
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15
16

Eurofins Chicago

18410 Crossing Drive Suite E

Tinley Park IL 60487

Phone 708 534 5200 Fax 708 534-5211

Chain of Custody Record

eurofins

Client Information		Sampler: <u>Jiyan Hatami / Alyssa McBain</u>		Lab PM: <u>Fredrick Sandie</u>		Carrier Tracking No(s)		COC No: <u>500 141594-51183 1</u>						
Client Contact: <u>Jiyan Hatami</u>		Phone: <u>262-278-9154</u>		E-Mail: <u>Sandra.Fredrick@eurofins.com</u>		State of Origin: <u>WI</u>		Page 1 of 3						
Company: <u>Stantec Consulting Corporation</u>		PWSID		Analysis Requested						Job #: <u>500-275331</u>				
Address: <u>12308 Corporate Parkway Suite 600</u>		Due Date Requested: <u>Standard TAT</u>		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 8260B - VOC Total Number of containers						Preservation Codes: <u>A HCL</u>				
City: <u>Mequon</u>		TAT Requested (days): <u>10-Business Days / Standard</u>								Other:				
State/Zip: <u>WI 53092</u>		Compliance Project: ☐ Yes ☒ No												
Phone: <u>262-278-9154</u>		PO #: <u>193704196</u>												
Email: <u>Jiyan.Hatami@stantec.com</u>		WO #: <u>50013806</u>												
Project Name: <u>Denow Landfill 193704196</u>		Project #: <u>50013806</u>												
Site: <u>Denow Landfill, Grattan, WI</u>		SSOW#												
Sample Identification		Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air, DW=Drinking Water)							Special Instructions/Note		
				Preservation Code		X	X	A						
1	MW-1S	9/24/25	1300	G	Water	N	N	X	3 GEMS submittal					
2	MW-1D		1325		Water									
3	MW-1B		1315		Water									
4	MW-2S		1105		Water									
5	MW-2D		1100		Water									
6	MW-3S	9/25/25	1325		Water									
7	MW-3D		1320		Water									
8	MW-3B1		1400		Water									
9	MW-3B2		1420		Water									
10	DUP-1		1422		Water									
11	MW-4D	9/24/25	1150		Water									
Possible Hazard Identification						Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)								
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological						☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months								
Deliverable Requested I II III IV Other (specify)						Special Instructions/QC Requirements: <u>PLEASE perform WI DNR GEMS analysis</u>								
Empty Kit Relinquished by			Date		Time		Method of Shipment:							
Relinquished by: <u>Alyssa McBain</u>			Date/Time: <u>9-26-25 1500</u>		Company: <u>Stantec</u>		Received by: <u>Ali Smith</u>		Date/Time: <u>9/27/25 0930</u>		Company: <u>EPDP</u>			
Relinquished by			Date/Time		Company		Received by		Date/Time		Company			
Relinquished by			Date/Time		Company		Received by		Date/Time		Company			
Custody Seals Intact: ☐ Yes ☐ No			Custody Seal No		Cooler Temperature(s) °C and Other Remarks: <u>1.6-7.5</u>									

Ver 10/10/2014 13/2025

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Login Sample Receipt Checklist

Client: Stantec Consulting Corporation

Job Number: 500-275331-1

Login Number: 275331

List Source: Eurofins Chicago

List Number: 1

Creator: Scott, Sherri L

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	False	Narrative to indicate if headspace container used for analysis.
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Denow Landfill
License No. 01133
Field Data Date: 09/24/25-09/25/25

Well		Analytical						Comment
		Field						
Common	DNR Unique No.	Water Elevation (feet - msl)	Reference Point Elevation (ft)	Depth to Water Measurement (ft)	Specific Conductance (µmhos/cm)	Temperature (°C)	pH (standard unit)	
MW-1S	101	787.96	808.83	20.87				
MW-1D	102	787.83	808.2	20.37				
MW-1B	116	787.72	808.31	20.59				
MW-2S	103	787.83	810.02	22.19				
MW-2D	104	788.93	809.8	20.87				
MW-3S	105	787.62	796.02	8.40	822	20.70	7.25	
MW-3D	106	787.79	795.82	8.03	1225	19.10	7.37	
MW-3B1	125	786.59	796.5	9.91	1019	15.30	7.56	
MW-3B2	126	785.47	796.33	10.86	1152	14.60	7.59	
MW-4S	107	791.4	802.89	11.49				
MW-4D	108	787.87	802.6	14.73				
MW-5S	109	794.25	800.55	6.30				
MW-5D	110	783.33	800.44	17.11				
MW-6S	111	789.15	799.46	10.31				
MW-6D	112	781.8	799.38	17.58				
MW-6B	117	781.75	799.05	17.30	835	17.00	7.42	
MW-7S	113	783.07	801.67	18.60				
MW-7D	114	778.54	801.39	22.85				
MW-8S	115	788.96	807.67	18.71	846	12.40	7.35	
MW-8B	118	788.85	808.03	19.18	1238	10.80	7.49	
MW-9S	119	787.33	794.05	6.72				
MW-9B	120	787.37	793.72	6.35				
MW-10S	121	787.67	806.33	18.66				
MW-11S	122	787.46	821.03	33.57				
MW-12S	123	788.04	818.74	30.70				
MW-12B	124	787.45	818.49	31.04				
MW-13S	127	788.13	795.26	7.13				
MW-13B	128	788.02	795.88	7.86				

DNR Parameter Code

04189

00094

00010

00400

ANALYTICAL REPORT

PREPARED FOR

Attn: Jiyan Hatami
Stantec Consulting Corporation
12308 Corporate Parkway
Suite 600
Mequon, Wisconsin 53092

Generated 10/8/2025 12:03:46 PM

JOB DESCRIPTION

Denow Landfill 193704196

JOB NUMBER

500-275332-1

Eurofins Chicago

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

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

Compliance Statement

The LOD and LOQ reported are adjusted by the dilution factor when a dilution factor greater than 1 is needed. Additionally, where results are indicated as being reported on a dry weight basis, the LOD and LOQ are adjusted for moisture content as well.

Definitions of Limits

- LOD = Limit of Detection = MDL as defined by 40 CFR part 136 Appendix B
- LOQ = Limit of Quantitation = $3.33 \times \text{LOD}$ as defined by Wisconsin
- RL = Report Limit = a concentration supported by a standard in the calibration curves

Authorization



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Authorized for release by
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Case Narrative

Client: Stantec Consulting Corporation
Project: Denow Landfill 193704196

Job ID: 500-275332-1

Job ID: 500-275332-1

Eurofins Chicago

Job Narrative 500-275332-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 9/27/2025 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C.

Receipt Exceptions

One vial was broken for sample 7.

GC/MS VOA

Method 8260D_LL: The continuing calibration verification (CCV) analyzed in 500-836396 was above the method criteria for the following analyte(s): Dichlorodifluoromethane. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D_LL: The continuing calibration verification (CCV) analyzed in batch 500-836396 was below the method criteria for the following analyte(s): Isopropyl ether. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8260D_LL: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 500-836692 recovered outside control limits for the following analytes: Benzene, Bromobenzene, Bromochloromethane, Bromodichloromethane, Bromoform, Bromomethane, Carbon tetrachloride, Chlorobenzene, Chloroethane, Chloroform, Chloromethane, 2-Chlorotoluene, 4-Chlorotoluene, cis-1,2-Dichloroethene, cis-1,3-Dichloropropene, Dibromochloromethane, 1,2-Dibromo-3-Chloropropane, 1,2-Dibromoethane (EDB), Dibromomethane, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Dichlorodifluoromethane, 1,1-Dichloroethane, 1,2-Dichloroethane, 1,1-Dichloroethene, 1,2-Dichloropropane, 1,3-Dichloropropane, 2,2-Dichloropropane, 1,1-Dichloropropene, Ethylbenzene, Hexachlorobutadiene, Isopropylbenzene, 4-Isopropyltoluene, Methylene Chloride, Methyl tert-butyl ether, m-Xylene & p-Xylene, Naphthalene, n-Butylbenzene, N-Propylbenzene, o-Xylene, sec-Butylbenzene, Styrene, tert-Butylbenzene, 1,1,1,2-Tetrachloroethane, 1,1,2,2-Tetrachloroethane, Tetrachloroethene, Toluene, trans-1,2-Dichloroethene, trans-1,3-Dichloropropene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Trichloroethene, Trichlorofluoromethane, 1,2,3-Trichloropropane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, Vinyl chloride and Xylenes, Total.

Method 8260D_LL: The laboratory control sample duplicate (LCSD) for analytical batch 500-836692 recovered outside control limits for the following analytes: Ethylbenzene, n-Butylbenzene, sec-Butylbenzene, Trichloroethene and 1,2,4-Trimethylbenzene. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D_LL: The continuing calibration verification (CCV) analyzed in batch 500-836943 was outside the method criteria for the following analyte(s): Bromomethane, Chloromethane and 1,2,3-Trichloropropane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

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Detection Summary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2224 Edgewood Dr.

Lab Sample ID: 500-275332-1

No Detections.

Client Sample ID: 2232 Edgewood Dr.

Lab Sample ID: 500-275332-2

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.14	J *	0.20	0.012	ug/L	1		8260D	Total/NA

Client Sample ID: 2267 Edgewood Dr.

Lab Sample ID: 500-275332-3

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	1.5	*	0.20	0.012	ug/L	1		8260D	Total/NA

Client Sample ID: 2280 Edgewood Dr.

Lab Sample ID: 500-275332-4

No Detections.

Client Sample ID: 2165 N. Green Bay Rd.

Lab Sample ID: 500-275332-5

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.053	J	0.20	0.012	ug/L	1		8260D	Total/NA

Client Sample ID: 2217 N. Green Bay Rd.

Lab Sample ID: 500-275332-6

No Detections.

Client Sample ID: 1965 Tamarack Tr.

Lab Sample ID: 500-275332-7

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.50	*	0.50	0.37	ug/L	1		8260D	Total/NA
Methyl tert-butyl ether	0.28	J *	0.50	0.22	ug/L	1		8260D	Total/NA
Vinyl chloride	0.047	J *	0.20	0.012	ug/L	1		8260D	Total/NA

Client Sample ID: 2206 Green Bay Rd.

Lab Sample ID: 500-275332-8

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.15	J	0.20	0.012	ug/L	1		8260D	Total/NA

Client Sample ID: 2225 Green Bay Rd.

Lab Sample ID: 500-275332-9

No Detections.

Client Sample ID: 2216 Edgewater Dr.

Lab Sample ID: 500-275332-10

No Detections.

Client Sample ID: 2236 Edgewater Dr.

Lab Sample ID: 500-275332-11

No Detections.

Client Sample ID: 2246 Edgewater Dr.

Lab Sample ID: 500-275332-12

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.33	*	0.20	0.012	ug/L	1		8260D	Total/NA

Client Sample ID: 2252 Edgewater Dr.

Lab Sample ID: 500-275332-13

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.38	*	0.20	0.012	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2258 Edgewater Dr.

Lab Sample ID: 500-275332-14

Analyte	Result	Qualifier	LOQ	LOD	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	0.21	*	0.20	0.012	ug/L	1		8260D	Total/NA

Client Sample ID: Trip Blank-HCL

Lab Sample ID: 500-275332-15

No Detections.

Method Summary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

Sample Summary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
500-275332-1	2224 Edgewood Dr.	Water	09/25/25 08:55	09/27/25 09:30	Wisconsin
500-275332-2	2232 Edgewood Dr.	Water	09/25/25 11:40	09/27/25 09:30	Wisconsin
500-275332-3	2267 Edgewood Dr.	Water	09/25/25 10:25	09/27/25 09:30	Wisconsin
500-275332-4	2280 Edgewood Dr.	Water	09/25/25 09:45	09/27/25 09:30	Wisconsin
500-275332-5	2165 N. Green Bay Rd.	Water	09/25/25 08:05	09/27/25 09:30	Wisconsin
500-275332-6	2217 N. Green Bay Rd.	Water	09/26/25 07:40	09/27/25 09:30	Wisconsin
500-275332-7	1965 Tamarack Tr.	Water	09/26/25 09:10	09/27/25 09:30	Wisconsin
500-275332-8	2206 Green Bay Rd.	Water	09/26/25 07:25	09/27/25 09:30	Wisconsin
500-275332-9	2225 Green Bay Rd.	Water	09/24/25 07:50	09/27/25 09:30	Wisconsin
500-275332-10	2216 Edgewater Dr.	Water	09/26/25 08:20	09/27/25 09:30	Wisconsin
500-275332-11	2236 Edgewater Dr.	Water	09/25/25 07:45	09/27/25 09:30	Wisconsin
500-275332-12	2246 Edgewater Dr.	Water	09/26/25 08:05	09/27/25 09:30	Wisconsin
500-275332-13	2252 Edgewater Dr.	Water	09/24/25 07:25	09/27/25 09:30	Wisconsin
500-275332-14	2258 Edgewater Dr.	Water	09/24/25 07:35	09/27/25 09:30	Wisconsin
500-275332-15	Trip Blank-HCL	Water	09/26/25 00:00	09/27/25 09:30	Wisconsin

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2224 Edgewood Dr.

Lab Sample ID: 500-275332-1

Date Collected: 09/25/25 08:55

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.30	*	0.50	0.30	ug/L			10/03/25 20:39	1
Bromobenzene	<0.25	*	0.50	0.25	ug/L			10/03/25 20:39	1
Bromochloromethane	<0.33	*	0.50	0.33	ug/L			10/03/25 20:39	1
Bromodichloromethane	<0.10	*	0.50	0.10	ug/L			10/03/25 20:39	1
Bromoform	<0.34	*	0.50	0.34	ug/L			10/03/25 20:39	1
Bromomethane	<0.14	*	0.50	0.14	ug/L			10/03/25 20:39	1
Carbon tetrachloride	<0.46	*	0.50	0.46	ug/L			10/03/25 20:39	1
Chlorobenzene	<0.28	*	0.50	0.28	ug/L			10/03/25 20:39	1
Chloroethane	<0.92	*	1.0	0.92	ug/L			10/03/25 20:39	1
Chloroform	<0.33	*	1.0	0.33	ug/L			10/03/25 20:39	1
Chloromethane	<0.66	*	1.0	0.66	ug/L			10/03/25 20:39	1
2-Chlorotoluene	<0.23	*	0.50	0.23	ug/L			10/03/25 20:39	1
4-Chlorotoluene	<0.28	*	0.50	0.28	ug/L			10/03/25 20:39	1
cis-1,2-Dichloroethene	<0.37	*	0.50	0.37	ug/L			10/03/25 20:39	1
cis-1,3-Dichloropropene	<0.21	*	0.50	0.21	ug/L			10/03/25 20:39	1
Dibromochloromethane	<0.33	*	0.50	0.33	ug/L			10/03/25 20:39	1
1,2-Dibromo-3-Chloropropane	<0.59	*	1.0	0.59	ug/L			10/03/25 20:39	1
1,2-Dibromoethane (EDB)	<0.028	*	0.050	0.028	ug/L			10/03/25 20:39	1
Dibromomethane	<0.33	*	0.50	0.33	ug/L			10/03/25 20:39	1
1,2-Dichlorobenzene	<0.27	*	0.50	0.27	ug/L			10/03/25 20:39	1
1,3-Dichlorobenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 20:39	1
1,4-Dichlorobenzene	<0.31	*	0.50	0.31	ug/L			10/03/25 20:39	1
Dichlorodifluoromethane	<0.82	*	1.0	0.82	ug/L			10/03/25 20:39	1
1,1-Dichloroethane	<0.33	*	0.50	0.33	ug/L			10/03/25 20:39	1
1,2-Dichloroethane	<0.34	*	0.50	0.34	ug/L			10/03/25 20:39	1
1,1-Dichloroethene	<0.63	*	1.0	0.63	ug/L			10/03/25 20:39	1
1,2-Dichloropropane	<0.25	*	0.50	0.25	ug/L			10/03/25 20:39	1
1,3-Dichloropropane	<0.22	*	0.50	0.22	ug/L			10/03/25 20:39	1
2,2-Dichloropropane	<0.089	*	0.20	0.089	ug/L			10/03/25 20:39	1
1,1-Dichloropropene	<0.12	*	0.20	0.12	ug/L			10/03/25 20:39	1
Ethylbenzene	<0.34	*	0.50	0.34	ug/L			10/03/25 20:39	1
Hexachlorobutadiene	<0.41	*	0.50	0.41	ug/L			10/03/25 20:39	1
Isopropylbenzene	<0.28	*	0.50	0.28	ug/L			10/03/25 20:39	1
Isopropyl ether	<0.17		0.20	0.17	ug/L			10/03/25 20:39	1
4-Isopropyltoluene	<0.32	*	0.50	0.32	ug/L			10/03/25 20:39	1
Methylene Chloride	<0.41	*	0.50	0.41	ug/L			10/03/25 20:39	1
Methyl tert-butyl ether	<0.22	*	0.50	0.22	ug/L			10/03/25 20:39	1
Naphthalene	<3.2	*	5.0	3.2	ug/L			10/03/25 20:39	1
n-Butylbenzene	<0.34	*	0.50	0.34	ug/L			10/03/25 20:39	1
N-Propylbenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 20:39	1
sec-Butylbenzene	<0.33	*	0.50	0.33	ug/L			10/03/25 20:39	1
Styrene	<0.25	*	0.50	0.25	ug/L			10/03/25 20:39	1
tert-Butylbenzene	<0.33	*	0.50	0.33	ug/L			10/03/25 20:39	1
1,1,1,2-Tetrachloroethane	<0.40	*	0.50	0.40	ug/L			10/03/25 20:39	1
1,1,2,2-Tetrachloroethane	<0.48	*	0.50	0.48	ug/L			10/03/25 20:39	1
Tetrachloroethene	<0.47	*	0.50	0.47	ug/L			10/03/25 20:39	1
Toluene	<0.32	*	0.50	0.32	ug/L			10/03/25 20:39	1
trans-1,2-Dichloroethene	<0.38	*	0.50	0.38	ug/L			10/03/25 20:39	1
trans-1,3-Dichloropropene	<0.028	*	0.20	0.028	ug/L			10/03/25 20:39	1

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2224 Edgewood Dr.

Lab Sample ID: 500-275332-1

Date Collected: 09/25/25 08:55

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 20:39	1
1,2,4-Trichlorobenzene	<0.37	*	0.50	0.37	ug/L			10/03/25 20:39	1
1,1,1-Trichloroethane	<0.46	*	0.50	0.46	ug/L			10/03/25 20:39	1
1,1,2-Trichloroethane	<0.32	*	0.50	0.32	ug/L			10/03/25 20:39	1
Trichloroethene	<0.37	*	0.50	0.37	ug/L			10/03/25 20:39	1
Trichlorofluoromethane	<0.13	*	0.50	0.13	ug/L			10/03/25 20:39	1
1,2,3-Trichloropropane	<0.18	*	0.50	0.18	ug/L			10/03/25 20:39	1
1,2,4-Trimethylbenzene	<0.27	*	0.50	0.27	ug/L			10/03/25 20:39	1
1,3,5-Trimethylbenzene	<0.31	*	0.50	0.31	ug/L			10/03/25 20:39	1
Vinyl chloride	<0.012	*	0.20	0.012	ug/L			10/03/25 20:39	1
Xylenes, Total	<0.30	*	1.0	0.30	ug/L			10/03/25 20:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		72 - 124		10/03/25 20:39	1
Dibromofluoromethane (Surr)	104		75 - 120		10/03/25 20:39	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		10/03/25 20:39	1
Toluene-d8 (Surr)	99		75 - 120		10/03/25 20:39	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2232 Edgewood Dr.

Lab Sample ID: 500-275332-2

Date Collected: 09/25/25 11:40

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.30	*	0.50	0.30	ug/L			10/03/25 21:06	1
Bromobenzene	<0.25	*	0.50	0.25	ug/L			10/03/25 21:06	1
Bromochloromethane	<0.33	*	0.50	0.33	ug/L			10/03/25 21:06	1
Bromodichloromethane	<0.10	*	0.50	0.10	ug/L			10/03/25 21:06	1
Bromoform	<0.34	*	0.50	0.34	ug/L			10/03/25 21:06	1
Bromomethane	<0.14	*	0.50	0.14	ug/L			10/03/25 21:06	1
Carbon tetrachloride	<0.46	*	0.50	0.46	ug/L			10/03/25 21:06	1
Chlorobenzene	<0.28	*	0.50	0.28	ug/L			10/03/25 21:06	1
Chloroethane	<0.92	*	1.0	0.92	ug/L			10/03/25 21:06	1
Chloroform	<0.33	*	1.0	0.33	ug/L			10/03/25 21:06	1
Chloromethane	<0.66	*	1.0	0.66	ug/L			10/03/25 21:06	1
2-Chlorotoluene	<0.23	*	0.50	0.23	ug/L			10/03/25 21:06	1
4-Chlorotoluene	<0.28	*	0.50	0.28	ug/L			10/03/25 21:06	1
cis-1,2-Dichloroethene	<0.37	*	0.50	0.37	ug/L			10/03/25 21:06	1
cis-1,3-Dichloropropene	<0.21	*	0.50	0.21	ug/L			10/03/25 21:06	1
Dibromochloromethane	<0.33	*	0.50	0.33	ug/L			10/03/25 21:06	1
1,2-Dibromo-3-Chloropropane	<0.59	*	1.0	0.59	ug/L			10/03/25 21:06	1
1,2-Dibromoethane (EDB)	<0.028	*	0.050	0.028	ug/L			10/03/25 21:06	1
Dibromomethane	<0.33	*	0.50	0.33	ug/L			10/03/25 21:06	1
1,2-Dichlorobenzene	<0.27	*	0.50	0.27	ug/L			10/03/25 21:06	1
1,3-Dichlorobenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 21:06	1
1,4-Dichlorobenzene	<0.31	*	0.50	0.31	ug/L			10/03/25 21:06	1
Dichlorodifluoromethane	<0.82	*	1.0	0.82	ug/L			10/03/25 21:06	1
1,1-Dichloroethane	<0.33	*	0.50	0.33	ug/L			10/03/25 21:06	1
1,2-Dichloroethane	<0.34	*	0.50	0.34	ug/L			10/03/25 21:06	1
1,1-Dichloroethene	<0.63	*	1.0	0.63	ug/L			10/03/25 21:06	1
1,2-Dichloropropane	<0.25	*	0.50	0.25	ug/L			10/03/25 21:06	1
1,3-Dichloropropane	<0.22	*	0.50	0.22	ug/L			10/03/25 21:06	1
2,2-Dichloropropane	<0.089	*	0.20	0.089	ug/L			10/03/25 21:06	1
1,1-Dichloropropene	<0.12	*	0.20	0.12	ug/L			10/03/25 21:06	1
Ethylbenzene	<0.34	*	0.50	0.34	ug/L			10/03/25 21:06	1
Hexachlorobutadiene	<0.41	*	0.50	0.41	ug/L			10/03/25 21:06	1
Isopropylbenzene	<0.28	*	0.50	0.28	ug/L			10/03/25 21:06	1
Isopropyl ether	<0.17		0.20	0.17	ug/L			10/03/25 21:06	1
4-Isopropyltoluene	<0.32	*	0.50	0.32	ug/L			10/03/25 21:06	1
Methylene Chloride	<0.41	*	0.50	0.41	ug/L			10/03/25 21:06	1
Methyl tert-butyl ether	<0.22	*	0.50	0.22	ug/L			10/03/25 21:06	1
Naphthalene	<3.2	*	5.0	3.2	ug/L			10/03/25 21:06	1
n-Butylbenzene	<0.34	*	0.50	0.34	ug/L			10/03/25 21:06	1
N-Propylbenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 21:06	1
sec-Butylbenzene	<0.33	*	0.50	0.33	ug/L			10/03/25 21:06	1
Styrene	<0.25	*	0.50	0.25	ug/L			10/03/25 21:06	1
tert-Butylbenzene	<0.33	*	0.50	0.33	ug/L			10/03/25 21:06	1
1,1,1,2-Tetrachloroethane	<0.40	*	0.50	0.40	ug/L			10/03/25 21:06	1
1,1,2,2-Tetrachloroethane	<0.48	*	0.50	0.48	ug/L			10/03/25 21:06	1
Tetrachloroethene	<0.47	*	0.50	0.47	ug/L			10/03/25 21:06	1
Toluene	<0.32	*	0.50	0.32	ug/L			10/03/25 21:06	1
trans-1,2-Dichloroethene	<0.38	*	0.50	0.38	ug/L			10/03/25 21:06	1
trans-1,3-Dichloropropene	<0.028	*	0.20	0.028	ug/L			10/03/25 21:06	1

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2232 Edgewood Dr.

Lab Sample ID: 500-275332-2

Date Collected: 09/25/25 11:40

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 21:06	1
1,2,4-Trichlorobenzene	<0.37	*	0.50	0.37	ug/L			10/03/25 21:06	1
1,1,1-Trichloroethane	<0.46	*	0.50	0.46	ug/L			10/03/25 21:06	1
1,1,2-Trichloroethane	<0.32	*	0.50	0.32	ug/L			10/03/25 21:06	1
Trichloroethene	<0.37	*	0.50	0.37	ug/L			10/03/25 21:06	1
Trichlorofluoromethane	<0.13	*	0.50	0.13	ug/L			10/03/25 21:06	1
1,2,3-Trichloropropane	<0.18	*	0.50	0.18	ug/L			10/03/25 21:06	1
1,2,4-Trimethylbenzene	<0.27	*	0.50	0.27	ug/L			10/03/25 21:06	1
1,3,5-Trimethylbenzene	<0.31	*	0.50	0.31	ug/L			10/03/25 21:06	1
Vinyl chloride	0.14	J *	0.20	0.012	ug/L			10/03/25 21:06	1
Xylenes, Total	<0.30	*	1.0	0.30	ug/L			10/03/25 21:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124		10/03/25 21:06	1
Dibromofluoromethane (Surr)	106		75 - 120		10/03/25 21:06	1
1,2-Dichloroethane-d4 (Surr)	102		75 - 126		10/03/25 21:06	1
Toluene-d8 (Surr)	101		75 - 120		10/03/25 21:06	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2267 Edgewood Dr.

Lab Sample ID: 500-275332-3

Date Collected: 09/25/25 10:25

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.30	*	0.50	0.30	ug/L			10/03/25 21:32	1
Bromobenzene	<0.25	*	0.50	0.25	ug/L			10/03/25 21:32	1
Bromochloromethane	<0.33	*	0.50	0.33	ug/L			10/03/25 21:32	1
Bromodichloromethane	<0.10	*	0.50	0.10	ug/L			10/03/25 21:32	1
Bromoform	<0.34	*	0.50	0.34	ug/L			10/03/25 21:32	1
Bromomethane	<0.14	*	0.50	0.14	ug/L			10/03/25 21:32	1
Carbon tetrachloride	<0.46	*	0.50	0.46	ug/L			10/03/25 21:32	1
Chlorobenzene	<0.28	*	0.50	0.28	ug/L			10/03/25 21:32	1
Chloroethane	<0.92	*	1.0	0.92	ug/L			10/03/25 21:32	1
Chloroform	<0.33	*	1.0	0.33	ug/L			10/03/25 21:32	1
Chloromethane	<0.66	*	1.0	0.66	ug/L			10/03/25 21:32	1
2-Chlorotoluene	<0.23	*	0.50	0.23	ug/L			10/03/25 21:32	1
4-Chlorotoluene	<0.28	*	0.50	0.28	ug/L			10/03/25 21:32	1
cis-1,2-Dichloroethene	<0.37	*	0.50	0.37	ug/L			10/03/25 21:32	1
cis-1,3-Dichloropropene	<0.21	*	0.50	0.21	ug/L			10/03/25 21:32	1
Dibromochloromethane	<0.33	*	0.50	0.33	ug/L			10/03/25 21:32	1
1,2-Dibromo-3-Chloropropane	<0.59	*	1.0	0.59	ug/L			10/03/25 21:32	1
1,2-Dibromoethane (EDB)	<0.028	*	0.050	0.028	ug/L			10/03/25 21:32	1
Dibromomethane	<0.33	*	0.50	0.33	ug/L			10/03/25 21:32	1
1,2-Dichlorobenzene	<0.27	*	0.50	0.27	ug/L			10/03/25 21:32	1
1,3-Dichlorobenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 21:32	1
1,4-Dichlorobenzene	<0.31	*	0.50	0.31	ug/L			10/03/25 21:32	1
Dichlorodifluoromethane	<0.82	*	1.0	0.82	ug/L			10/03/25 21:32	1
1,1-Dichloroethane	<0.33	*	0.50	0.33	ug/L			10/03/25 21:32	1
1,2-Dichloroethane	<0.34	*	0.50	0.34	ug/L			10/03/25 21:32	1
1,1-Dichloroethene	<0.63	*	1.0	0.63	ug/L			10/03/25 21:32	1
1,2-Dichloropropane	<0.25	*	0.50	0.25	ug/L			10/03/25 21:32	1
1,3-Dichloropropane	<0.22	*	0.50	0.22	ug/L			10/03/25 21:32	1
2,2-Dichloropropane	<0.089	*	0.20	0.089	ug/L			10/03/25 21:32	1
1,1-Dichloropropene	<0.12	*	0.20	0.12	ug/L			10/03/25 21:32	1
Ethylbenzene	<0.34	*	0.50	0.34	ug/L			10/03/25 21:32	1
Hexachlorobutadiene	<0.41	*	0.50	0.41	ug/L			10/03/25 21:32	1
Isopropylbenzene	<0.28	*	0.50	0.28	ug/L			10/03/25 21:32	1
Isopropyl ether	<0.17		0.20	0.17	ug/L			10/03/25 21:32	1
4-Isopropyltoluene	<0.32	*	0.50	0.32	ug/L			10/03/25 21:32	1
Methylene Chloride	<0.41	*	0.50	0.41	ug/L			10/03/25 21:32	1
Methyl tert-butyl ether	<0.22	*	0.50	0.22	ug/L			10/03/25 21:32	1
Naphthalene	<3.2	*	5.0	3.2	ug/L			10/03/25 21:32	1
n-Butylbenzene	<0.34	*	0.50	0.34	ug/L			10/03/25 21:32	1
N-Propylbenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 21:32	1
sec-Butylbenzene	<0.33	*	0.50	0.33	ug/L			10/03/25 21:32	1
Styrene	<0.25	*	0.50	0.25	ug/L			10/03/25 21:32	1
tert-Butylbenzene	<0.33	*	0.50	0.33	ug/L			10/03/25 21:32	1
1,1,1,2-Tetrachloroethane	<0.40	*	0.50	0.40	ug/L			10/03/25 21:32	1
1,1,2,2-Tetrachloroethane	<0.48	*	0.50	0.48	ug/L			10/03/25 21:32	1
Tetrachloroethene	<0.47	*	0.50	0.47	ug/L			10/03/25 21:32	1
Toluene	<0.32	*	0.50	0.32	ug/L			10/03/25 21:32	1
trans-1,2-Dichloroethene	<0.38	*	0.50	0.38	ug/L			10/03/25 21:32	1
trans-1,3-Dichloropropene	<0.028	*	0.20	0.028	ug/L			10/03/25 21:32	1

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Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2267 Edgewood Dr.

Lab Sample ID: 500-275332-3

Date Collected: 09/25/25 10:25

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 21:32	1
1,2,4-Trichlorobenzene	<0.37	*	0.50	0.37	ug/L			10/03/25 21:32	1
1,1,1-Trichloroethane	<0.46	*	0.50	0.46	ug/L			10/03/25 21:32	1
1,1,2-Trichloroethane	<0.32	*	0.50	0.32	ug/L			10/03/25 21:32	1
Trichloroethene	<0.37	*	0.50	0.37	ug/L			10/03/25 21:32	1
Trichlorofluoromethane	<0.13	*	0.50	0.13	ug/L			10/03/25 21:32	1
1,2,3-Trichloropropane	<0.18	*	0.50	0.18	ug/L			10/03/25 21:32	1
1,2,4-Trimethylbenzene	<0.27	*	0.50	0.27	ug/L			10/03/25 21:32	1
1,3,5-Trimethylbenzene	<0.31	*	0.50	0.31	ug/L			10/03/25 21:32	1
Vinyl chloride	1.5	*	0.20	0.012	ug/L			10/03/25 21:32	1
Xylenes, Total	<0.30	*	1.0	0.30	ug/L			10/03/25 21:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124		10/03/25 21:32	1
Dibromofluoromethane (Surr)	106		75 - 120		10/03/25 21:32	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126		10/03/25 21:32	1
Toluene-d8 (Surr)	101		75 - 120		10/03/25 21:32	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2280 Edgewood Dr.

Lab Sample ID: 500-275332-4

Date Collected: 09/25/25 09:45

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.30		0.50	0.30	ug/L			10/01/25 15:19	1
Bromobenzene	<0.25		0.50	0.25	ug/L			10/01/25 15:19	1
Bromochloromethane	<0.33		0.50	0.33	ug/L			10/01/25 15:19	1
Bromodichloromethane	<0.10		0.50	0.10	ug/L			10/01/25 15:19	1
Bromoform	<0.34		0.50	0.34	ug/L			10/01/25 15:19	1
Bromomethane	<0.14		0.50	0.14	ug/L			10/01/25 15:19	1
Carbon tetrachloride	<0.46		0.50	0.46	ug/L			10/01/25 15:19	1
Chlorobenzene	<0.28		0.50	0.28	ug/L			10/01/25 15:19	1
Chloroethane	<0.92		1.0	0.92	ug/L			10/01/25 15:19	1
Chloroform	<0.33		1.0	0.33	ug/L			10/01/25 15:19	1
Chloromethane	<0.66		1.0	0.66	ug/L			10/01/25 15:19	1
2-Chlorotoluene	<0.23		0.50	0.23	ug/L			10/01/25 15:19	1
4-Chlorotoluene	<0.28		0.50	0.28	ug/L			10/01/25 15:19	1
cis-1,2-Dichloroethene	<0.37		0.50	0.37	ug/L			10/01/25 15:19	1
cis-1,3-Dichloropropene	<0.21		0.50	0.21	ug/L			10/01/25 15:19	1
Dibromochloromethane	<0.33		0.50	0.33	ug/L			10/01/25 15:19	1
1,2-Dibromo-3-Chloropropane	<0.59		1.0	0.59	ug/L			10/01/25 15:19	1
1,2-Dibromoethane (EDB)	<0.028		0.050	0.028	ug/L			10/01/25 15:19	1
Dibromomethane	<0.33		0.50	0.33	ug/L			10/01/25 15:19	1
1,2-Dichlorobenzene	<0.27		0.50	0.27	ug/L			10/01/25 15:19	1
1,3-Dichlorobenzene	<0.32		0.50	0.32	ug/L			10/01/25 15:19	1
1,4-Dichlorobenzene	<0.31		0.50	0.31	ug/L			10/01/25 15:19	1
Dichlorodifluoromethane	<0.82	^c	1.0	0.82	ug/L			10/01/25 15:19	1
1,1-Dichloroethane	<0.33		0.50	0.33	ug/L			10/01/25 15:19	1
1,2-Dichloroethane	<0.34		0.50	0.34	ug/L			10/01/25 15:19	1
1,1-Dichloroethene	<0.63		1.0	0.63	ug/L			10/01/25 15:19	1
1,2-Dichloropropane	<0.25		0.50	0.25	ug/L			10/01/25 15:19	1
1,3-Dichloropropane	<0.22		0.50	0.22	ug/L			10/01/25 15:19	1
2,2-Dichloropropane	<0.089		0.20	0.089	ug/L			10/01/25 15:19	1
1,1-Dichloropropene	<0.12		0.20	0.12	ug/L			10/01/25 15:19	1
Ethylbenzene	<0.34		0.50	0.34	ug/L			10/01/25 15:19	1
Hexachlorobutadiene	<0.41		0.50	0.41	ug/L			10/01/25 15:19	1
Isopropylbenzene	<0.28		0.50	0.28	ug/L			10/01/25 15:19	1
Isopropyl ether	<0.17	^c	0.20	0.17	ug/L			10/01/25 15:19	1
4-Isopropyltoluene	<0.32		0.50	0.32	ug/L			10/01/25 15:19	1
Methylene Chloride	<0.41		0.50	0.41	ug/L			10/01/25 15:19	1
Methyl tert-butyl ether	<0.22		0.50	0.22	ug/L			10/01/25 15:19	1
Naphthalene	<3.2		5.0	3.2	ug/L			10/01/25 15:19	1
n-Butylbenzene	<0.34		0.50	0.34	ug/L			10/01/25 15:19	1
N-Propylbenzene	<0.32		0.50	0.32	ug/L			10/01/25 15:19	1
sec-Butylbenzene	<0.33		0.50	0.33	ug/L			10/01/25 15:19	1
Styrene	<0.25		0.50	0.25	ug/L			10/01/25 15:19	1
tert-Butylbenzene	<0.33		0.50	0.33	ug/L			10/01/25 15:19	1
1,1,1,2-Tetrachloroethane	<0.40		0.50	0.40	ug/L			10/01/25 15:19	1
1,1,2,2-Tetrachloroethane	<0.48		0.50	0.48	ug/L			10/01/25 15:19	1
Tetrachloroethene	<0.47		0.50	0.47	ug/L			10/01/25 15:19	1
Toluene	<0.32		0.50	0.32	ug/L			10/01/25 15:19	1
trans-1,2-Dichloroethene	<0.38		0.50	0.38	ug/L			10/01/25 15:19	1
trans-1,3-Dichloropropene	<0.028		0.20	0.028	ug/L			10/01/25 15:19	1

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2280 Edgewood Dr.

Lab Sample ID: 500-275332-4

Date Collected: 09/25/25 09:45

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.32		0.50	0.32	ug/L			10/01/25 15:19	1
1,2,4-Trichlorobenzene	<0.37		0.50	0.37	ug/L			10/01/25 15:19	1
1,1,1-Trichloroethane	<0.46		0.50	0.46	ug/L			10/01/25 15:19	1
1,1,2-Trichloroethane	<0.32		0.50	0.32	ug/L			10/01/25 15:19	1
Trichloroethene	<0.37		0.50	0.37	ug/L			10/01/25 15:19	1
Trichlorofluoromethane	<0.13		0.50	0.13	ug/L			10/01/25 15:19	1
1,2,3-Trichloropropane	<0.18		0.50	0.18	ug/L			10/01/25 15:19	1
1,2,4-Trimethylbenzene	<0.27		0.50	0.27	ug/L			10/01/25 15:19	1
1,3,5-Trimethylbenzene	<0.31		0.50	0.31	ug/L			10/01/25 15:19	1
Vinyl chloride	<0.012		0.20	0.012	ug/L			10/01/25 15:19	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/01/25 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		72 - 124		10/01/25 15:19	1
Dibromofluoromethane (Surr)	102		75 - 120		10/01/25 15:19	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		10/01/25 15:19	1
Toluene-d8 (Surr)	103		75 - 120		10/01/25 15:19	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2165 N. Green Bay Rd.

Lab Sample ID: 500-275332-5

Date Collected: 09/25/25 08:05

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.30		0.50	0.30	ug/L			10/01/25 15:43	1
Bromobenzene	<0.25		0.50	0.25	ug/L			10/01/25 15:43	1
Bromochloromethane	<0.33		0.50	0.33	ug/L			10/01/25 15:43	1
Bromodichloromethane	<0.10		0.50	0.10	ug/L			10/01/25 15:43	1
Bromoform	<0.34		0.50	0.34	ug/L			10/01/25 15:43	1
Bromomethane	<0.14		0.50	0.14	ug/L			10/01/25 15:43	1
Carbon tetrachloride	<0.46		0.50	0.46	ug/L			10/01/25 15:43	1
Chlorobenzene	<0.28		0.50	0.28	ug/L			10/01/25 15:43	1
Chloroethane	<0.92		1.0	0.92	ug/L			10/01/25 15:43	1
Chloroform	<0.33		1.0	0.33	ug/L			10/01/25 15:43	1
Chloromethane	<0.66		1.0	0.66	ug/L			10/01/25 15:43	1
2-Chlorotoluene	<0.23		0.50	0.23	ug/L			10/01/25 15:43	1
4-Chlorotoluene	<0.28		0.50	0.28	ug/L			10/01/25 15:43	1
cis-1,2-Dichloroethene	<0.37		0.50	0.37	ug/L			10/01/25 15:43	1
cis-1,3-Dichloropropene	<0.21		0.50	0.21	ug/L			10/01/25 15:43	1
Dibromochloromethane	<0.33		0.50	0.33	ug/L			10/01/25 15:43	1
1,2-Dibromo-3-Chloropropane	<0.59		1.0	0.59	ug/L			10/01/25 15:43	1
1,2-Dibromoethane (EDB)	<0.028		0.050	0.028	ug/L			10/01/25 15:43	1
Dibromomethane	<0.33		0.50	0.33	ug/L			10/01/25 15:43	1
1,2-Dichlorobenzene	<0.27		0.50	0.27	ug/L			10/01/25 15:43	1
1,3-Dichlorobenzene	<0.32		0.50	0.32	ug/L			10/01/25 15:43	1
1,4-Dichlorobenzene	<0.31		0.50	0.31	ug/L			10/01/25 15:43	1
Dichlorodifluoromethane	<0.82	^c	1.0	0.82	ug/L			10/01/25 15:43	1
1,1-Dichloroethane	<0.33		0.50	0.33	ug/L			10/01/25 15:43	1
1,2-Dichloroethane	<0.34		0.50	0.34	ug/L			10/01/25 15:43	1
1,1-Dichloroethene	<0.63		1.0	0.63	ug/L			10/01/25 15:43	1
1,2-Dichloropropane	<0.25		0.50	0.25	ug/L			10/01/25 15:43	1
1,3-Dichloropropane	<0.22		0.50	0.22	ug/L			10/01/25 15:43	1
2,2-Dichloropropane	<0.089		0.20	0.089	ug/L			10/01/25 15:43	1
1,1-Dichloropropene	<0.12		0.20	0.12	ug/L			10/01/25 15:43	1
Ethylbenzene	<0.34		0.50	0.34	ug/L			10/01/25 15:43	1
Hexachlorobutadiene	<0.41		0.50	0.41	ug/L			10/01/25 15:43	1
Isopropylbenzene	<0.28		0.50	0.28	ug/L			10/01/25 15:43	1
Isopropyl ether	<0.17	^c	0.20	0.17	ug/L			10/01/25 15:43	1
4-Isopropyltoluene	<0.32		0.50	0.32	ug/L			10/01/25 15:43	1
Methylene Chloride	<0.41		0.50	0.41	ug/L			10/01/25 15:43	1
Methyl tert-butyl ether	<0.22		0.50	0.22	ug/L			10/01/25 15:43	1
Naphthalene	<3.2		5.0	3.2	ug/L			10/01/25 15:43	1
n-Butylbenzene	<0.34		0.50	0.34	ug/L			10/01/25 15:43	1
N-Propylbenzene	<0.32		0.50	0.32	ug/L			10/01/25 15:43	1
sec-Butylbenzene	<0.33		0.50	0.33	ug/L			10/01/25 15:43	1
Styrene	<0.25		0.50	0.25	ug/L			10/01/25 15:43	1
tert-Butylbenzene	<0.33		0.50	0.33	ug/L			10/01/25 15:43	1
1,1,1,2-Tetrachloroethane	<0.40		0.50	0.40	ug/L			10/01/25 15:43	1
1,1,2,2-Tetrachloroethane	<0.48		0.50	0.48	ug/L			10/01/25 15:43	1
Tetrachloroethene	<0.47		0.50	0.47	ug/L			10/01/25 15:43	1
Toluene	<0.32		0.50	0.32	ug/L			10/01/25 15:43	1
trans-1,2-Dichloroethene	<0.38		0.50	0.38	ug/L			10/01/25 15:43	1
trans-1,3-Dichloropropene	<0.028		0.20	0.028	ug/L			10/01/25 15:43	1

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Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2165 N. Green Bay Rd.

Lab Sample ID: 500-275332-5

Date Collected: 09/25/25 08:05

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.32		0.50	0.32	ug/L			10/01/25 15:43	1
1,2,4-Trichlorobenzene	<0.37		0.50	0.37	ug/L			10/01/25 15:43	1
1,1,1-Trichloroethane	<0.46		0.50	0.46	ug/L			10/01/25 15:43	1
1,1,2-Trichloroethane	<0.32		0.50	0.32	ug/L			10/01/25 15:43	1
Trichloroethene	<0.37		0.50	0.37	ug/L			10/01/25 15:43	1
Trichlorofluoromethane	<0.13		0.50	0.13	ug/L			10/01/25 15:43	1
1,2,3-Trichloropropane	<0.18		0.50	0.18	ug/L			10/01/25 15:43	1
1,2,4-Trimethylbenzene	<0.27		0.50	0.27	ug/L			10/01/25 15:43	1
1,3,5-Trimethylbenzene	<0.31		0.50	0.31	ug/L			10/01/25 15:43	1
Vinyl chloride	0.053	J	0.20	0.012	ug/L			10/01/25 15:43	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/01/25 15:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		72 - 124		10/01/25 15:43	1
Dibromofluoromethane (Surr)	104		75 - 120		10/01/25 15:43	1
1,2-Dichloroethane-d4 (Surr)	101		75 - 126		10/01/25 15:43	1
Toluene-d8 (Surr)	102		75 - 120		10/01/25 15:43	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2217 N. Green Bay Rd.

Lab Sample ID: 500-275332-6

Date Collected: 09/26/25 07:40

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.30		0.50	0.30	ug/L			10/06/25 16:53	1
Bromobenzene	<0.25		0.50	0.25	ug/L			10/06/25 16:53	1
Bromochloromethane	<0.33		0.50	0.33	ug/L			10/06/25 16:53	1
Bromodichloromethane	<0.10		0.50	0.10	ug/L			10/06/25 16:53	1
Bromoform	<0.34		0.50	0.34	ug/L			10/06/25 16:53	1
Bromomethane	<0.14	^c	0.50	0.14	ug/L			10/06/25 16:53	1
Carbon tetrachloride	<0.46		0.50	0.46	ug/L			10/06/25 16:53	1
Chlorobenzene	<0.28		0.50	0.28	ug/L			10/06/25 16:53	1
Chloroethane	<0.92		1.0	0.92	ug/L			10/06/25 16:53	1
Chloroform	<0.33		1.0	0.33	ug/L			10/06/25 16:53	1
Chloromethane	<0.66	^c	1.0	0.66	ug/L			10/06/25 16:53	1
2-Chlorotoluene	<0.23		0.50	0.23	ug/L			10/06/25 16:53	1
4-Chlorotoluene	<0.28		0.50	0.28	ug/L			10/06/25 16:53	1
cis-1,2-Dichloroethene	<0.37		0.50	0.37	ug/L			10/06/25 16:53	1
cis-1,3-Dichloropropene	<0.21		0.50	0.21	ug/L			10/06/25 16:53	1
Dibromochloromethane	<0.33		0.50	0.33	ug/L			10/06/25 16:53	1
1,2-Dibromo-3-Chloropropane	<0.59		1.0	0.59	ug/L			10/06/25 16:53	1
1,2-Dibromoethane (EDB)	<0.028		0.050	0.028	ug/L			10/06/25 16:53	1
Dibromomethane	<0.33		0.50	0.33	ug/L			10/06/25 16:53	1
1,2-Dichlorobenzene	<0.27		0.50	0.27	ug/L			10/06/25 16:53	1
1,3-Dichlorobenzene	<0.32		0.50	0.32	ug/L			10/06/25 16:53	1
1,4-Dichlorobenzene	<0.31		0.50	0.31	ug/L			10/06/25 16:53	1
Dichlorodifluoromethane	<0.82		1.0	0.82	ug/L			10/06/25 16:53	1
1,1-Dichloroethane	<0.33		0.50	0.33	ug/L			10/06/25 16:53	1
1,2-Dichloroethane	<0.34		0.50	0.34	ug/L			10/06/25 16:53	1
1,1-Dichloroethene	<0.63		1.0	0.63	ug/L			10/06/25 16:53	1
1,2-Dichloropropane	<0.25		0.50	0.25	ug/L			10/06/25 16:53	1
1,3-Dichloropropane	<0.22		0.50	0.22	ug/L			10/06/25 16:53	1
2,2-Dichloropropane	<0.089		0.20	0.089	ug/L			10/06/25 16:53	1
1,1-Dichloropropene	<0.12		0.20	0.12	ug/L			10/06/25 16:53	1
Ethylbenzene	<0.34		0.50	0.34	ug/L			10/06/25 16:53	1
Hexachlorobutadiene	<0.41		0.50	0.41	ug/L			10/06/25 16:53	1
Isopropylbenzene	<0.28		0.50	0.28	ug/L			10/06/25 16:53	1
Isopropyl ether	<0.17		0.20	0.17	ug/L			10/06/25 16:53	1
4-Isopropyltoluene	<0.32		0.50	0.32	ug/L			10/06/25 16:53	1
Methylene Chloride	<0.41		0.50	0.41	ug/L			10/06/25 16:53	1
Methyl tert-butyl ether	<0.22		0.50	0.22	ug/L			10/06/25 16:53	1
Naphthalene	<3.2		5.0	3.2	ug/L			10/06/25 16:53	1
n-Butylbenzene	<0.34		0.50	0.34	ug/L			10/06/25 16:53	1
N-Propylbenzene	<0.32		0.50	0.32	ug/L			10/06/25 16:53	1
sec-Butylbenzene	<0.33		0.50	0.33	ug/L			10/06/25 16:53	1
Styrene	<0.25		0.50	0.25	ug/L			10/06/25 16:53	1
tert-Butylbenzene	<0.33		0.50	0.33	ug/L			10/06/25 16:53	1
1,1,1,2-Tetrachloroethane	<0.40		0.50	0.40	ug/L			10/06/25 16:53	1
1,1,2,2-Tetrachloroethane	<0.48		0.50	0.48	ug/L			10/06/25 16:53	1
Tetrachloroethene	<0.47		0.50	0.47	ug/L			10/06/25 16:53	1
Toluene	<0.32		0.50	0.32	ug/L			10/06/25 16:53	1
trans-1,2-Dichloroethene	<0.38		0.50	0.38	ug/L			10/06/25 16:53	1
trans-1,3-Dichloropropene	<0.028		0.20	0.028	ug/L			10/06/25 16:53	1

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Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2217 N. Green Bay Rd.

Lab Sample ID: 500-275332-6

Date Collected: 09/26/25 07:40

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.32		0.50	0.32	ug/L			10/06/25 16:53	1
1,2,4-Trichlorobenzene	<0.37		0.50	0.37	ug/L			10/06/25 16:53	1
1,1,1-Trichloroethane	<0.46		0.50	0.46	ug/L			10/06/25 16:53	1
1,1,2-Trichloroethane	<0.32		0.50	0.32	ug/L			10/06/25 16:53	1
Trichloroethene	<0.37		0.50	0.37	ug/L			10/06/25 16:53	1
Trichlorofluoromethane	<0.13		0.50	0.13	ug/L			10/06/25 16:53	1
1,2,3-Trichloropropane	<0.18	^c	0.50	0.18	ug/L			10/06/25 16:53	1
1,2,4-Trimethylbenzene	<0.27		0.50	0.27	ug/L			10/06/25 16:53	1
1,3,5-Trimethylbenzene	<0.31		0.50	0.31	ug/L			10/06/25 16:53	1
Vinyl chloride	<0.012		0.20	0.012	ug/L			10/06/25 16:53	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/06/25 16:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124					10/06/25 16:53	1
Dibromofluoromethane (Surr)	101		75 - 120					10/06/25 16:53	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 126					10/06/25 16:53	1
Toluene-d8 (Surr)	101		75 - 120					10/06/25 16:53	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 1965 Tamarack Tr.

Lab Sample ID: 500-275332-7

Date Collected: 09/26/25 09:10

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.30	*	0.50	0.30	ug/L			10/03/25 20:12	1
Bromobenzene	<0.25	*	0.50	0.25	ug/L			10/03/25 20:12	1
Bromochloromethane	<0.33	*	0.50	0.33	ug/L			10/03/25 20:12	1
Bromodichloromethane	<0.10	*	0.50	0.10	ug/L			10/03/25 20:12	1
Bromoform	<0.34	*	0.50	0.34	ug/L			10/03/25 20:12	1
Bromomethane	<0.14	*	0.50	0.14	ug/L			10/03/25 20:12	1
Carbon tetrachloride	<0.46	*	0.50	0.46	ug/L			10/03/25 20:12	1
Chlorobenzene	<0.28	*	0.50	0.28	ug/L			10/03/25 20:12	1
Chloroethane	<0.92	*	1.0	0.92	ug/L			10/03/25 20:12	1
Chloroform	<0.33	*	1.0	0.33	ug/L			10/03/25 20:12	1
Chloromethane	<0.66	*	1.0	0.66	ug/L			10/03/25 20:12	1
2-Chlorotoluene	<0.23	*	0.50	0.23	ug/L			10/03/25 20:12	1
4-Chlorotoluene	<0.28	*	0.50	0.28	ug/L			10/03/25 20:12	1
cis-1,2-Dichloroethene	0.50	*	0.50	0.37	ug/L			10/03/25 20:12	1
cis-1,3-Dichloropropene	<0.21	*	0.50	0.21	ug/L			10/03/25 20:12	1
Dibromochloromethane	<0.33	*	0.50	0.33	ug/L			10/03/25 20:12	1
1,2-Dibromo-3-Chloropropane	<0.59	*	1.0	0.59	ug/L			10/03/25 20:12	1
1,2-Dibromoethane (EDB)	<0.028	*	0.050	0.028	ug/L			10/03/25 20:12	1
Dibromomethane	<0.33	*	0.50	0.33	ug/L			10/03/25 20:12	1
1,2-Dichlorobenzene	<0.27	*	0.50	0.27	ug/L			10/03/25 20:12	1
1,3-Dichlorobenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 20:12	1
1,4-Dichlorobenzene	<0.31	*	0.50	0.31	ug/L			10/03/25 20:12	1
Dichlorodifluoromethane	<0.82	*	1.0	0.82	ug/L			10/03/25 20:12	1
1,1-Dichloroethane	<0.33	*	0.50	0.33	ug/L			10/03/25 20:12	1
1,2-Dichloroethane	<0.34	*	0.50	0.34	ug/L			10/03/25 20:12	1
1,1-Dichloroethene	<0.63	*	1.0	0.63	ug/L			10/03/25 20:12	1
1,2-Dichloropropane	<0.25	*	0.50	0.25	ug/L			10/03/25 20:12	1
1,3-Dichloropropane	<0.22	*	0.50	0.22	ug/L			10/03/25 20:12	1
2,2-Dichloropropane	<0.089	*	0.20	0.089	ug/L			10/03/25 20:12	1
1,1-Dichloropropene	<0.12	*	0.20	0.12	ug/L			10/03/25 20:12	1
Ethylbenzene	<0.34	*	0.50	0.34	ug/L			10/03/25 20:12	1
Hexachlorobutadiene	<0.41	*	0.50	0.41	ug/L			10/03/25 20:12	1
Isopropylbenzene	<0.28	*	0.50	0.28	ug/L			10/03/25 20:12	1
Isopropyl ether	<0.17		0.20	0.17	ug/L			10/03/25 20:12	1
4-Isopropyltoluene	<0.32	*	0.50	0.32	ug/L			10/03/25 20:12	1
Methylene Chloride	<0.41	*	0.50	0.41	ug/L			10/03/25 20:12	1
Methyl tert-butyl ether	0.28	J *	0.50	0.22	ug/L			10/03/25 20:12	1
Naphthalene	<3.2	*	5.0	3.2	ug/L			10/03/25 20:12	1
n-Butylbenzene	<0.34	*	0.50	0.34	ug/L			10/03/25 20:12	1
N-Propylbenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 20:12	1
sec-Butylbenzene	<0.33	*	0.50	0.33	ug/L			10/03/25 20:12	1
Styrene	<0.25	*	0.50	0.25	ug/L			10/03/25 20:12	1
tert-Butylbenzene	<0.33	*	0.50	0.33	ug/L			10/03/25 20:12	1
1,1,1,2-Tetrachloroethane	<0.40	*	0.50	0.40	ug/L			10/03/25 20:12	1
1,1,2,2-Tetrachloroethane	<0.48	*	0.50	0.48	ug/L			10/03/25 20:12	1
Tetrachloroethene	<0.47	*	0.50	0.47	ug/L			10/03/25 20:12	1
Toluene	<0.32	*	0.50	0.32	ug/L			10/03/25 20:12	1
trans-1,2-Dichloroethene	<0.38	*	0.50	0.38	ug/L			10/03/25 20:12	1
trans-1,3-Dichloropropene	<0.028	*	0.20	0.028	ug/L			10/03/25 20:12	1

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 1965 Tamarack Tr.

Lab Sample ID: 500-275332-7

Date Collected: 09/26/25 09:10

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 20:12	1
1,2,4-Trichlorobenzene	<0.37	*	0.50	0.37	ug/L			10/03/25 20:12	1
1,1,1-Trichloroethane	<0.46	*	0.50	0.46	ug/L			10/03/25 20:12	1
1,1,2-Trichloroethane	<0.32	*	0.50	0.32	ug/L			10/03/25 20:12	1
Trichloroethene	<0.37	*	0.50	0.37	ug/L			10/03/25 20:12	1
Trichlorofluoromethane	<0.13	*	0.50	0.13	ug/L			10/03/25 20:12	1
1,2,3-Trichloropropane	<0.18	*	0.50	0.18	ug/L			10/03/25 20:12	1
1,2,4-Trimethylbenzene	<0.27	*	0.50	0.27	ug/L			10/03/25 20:12	1
1,3,5-Trimethylbenzene	<0.31	*	0.50	0.31	ug/L			10/03/25 20:12	1
Vinyl chloride	0.047	J *	0.20	0.012	ug/L			10/03/25 20:12	1
Xylenes, Total	<0.30	*	1.0	0.30	ug/L			10/03/25 20:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		72 - 124		10/03/25 20:12	1
Dibromofluoromethane (Surr)	105		75 - 120		10/03/25 20:12	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		10/03/25 20:12	1
Toluene-d8 (Surr)	101		75 - 120		10/03/25 20:12	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2206 Green Bay Rd.

Lab Sample ID: 500-275332-8

Date Collected: 09/26/25 07:25

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.30		0.50	0.30	ug/L			10/06/25 17:19	1
Bromobenzene	<0.25		0.50	0.25	ug/L			10/06/25 17:19	1
Bromochloromethane	<0.33		0.50	0.33	ug/L			10/06/25 17:19	1
Bromodichloromethane	<0.10		0.50	0.10	ug/L			10/06/25 17:19	1
Bromoform	<0.34		0.50	0.34	ug/L			10/06/25 17:19	1
Bromomethane	<0.14	^c	0.50	0.14	ug/L			10/06/25 17:19	1
Carbon tetrachloride	<0.46		0.50	0.46	ug/L			10/06/25 17:19	1
Chlorobenzene	<0.28		0.50	0.28	ug/L			10/06/25 17:19	1
Chloroethane	<0.92		1.0	0.92	ug/L			10/06/25 17:19	1
Chloroform	<0.33		1.0	0.33	ug/L			10/06/25 17:19	1
Chloromethane	<0.66	^c	1.0	0.66	ug/L			10/06/25 17:19	1
2-Chlorotoluene	<0.23		0.50	0.23	ug/L			10/06/25 17:19	1
4-Chlorotoluene	<0.28		0.50	0.28	ug/L			10/06/25 17:19	1
cis-1,2-Dichloroethene	<0.37		0.50	0.37	ug/L			10/06/25 17:19	1
cis-1,3-Dichloropropene	<0.21		0.50	0.21	ug/L			10/06/25 17:19	1
Dibromochloromethane	<0.33		0.50	0.33	ug/L			10/06/25 17:19	1
1,2-Dibromo-3-Chloropropane	<0.59		1.0	0.59	ug/L			10/06/25 17:19	1
1,2-Dibromoethane (EDB)	<0.028		0.050	0.028	ug/L			10/06/25 17:19	1
Dibromomethane	<0.33		0.50	0.33	ug/L			10/06/25 17:19	1
1,2-Dichlorobenzene	<0.27		0.50	0.27	ug/L			10/06/25 17:19	1
1,3-Dichlorobenzene	<0.32		0.50	0.32	ug/L			10/06/25 17:19	1
1,4-Dichlorobenzene	<0.31		0.50	0.31	ug/L			10/06/25 17:19	1
Dichlorodifluoromethane	<0.82		1.0	0.82	ug/L			10/06/25 17:19	1
1,1-Dichloroethane	<0.33		0.50	0.33	ug/L			10/06/25 17:19	1
1,2-Dichloroethane	<0.34		0.50	0.34	ug/L			10/06/25 17:19	1
1,1-Dichloroethene	<0.63		1.0	0.63	ug/L			10/06/25 17:19	1
1,2-Dichloropropane	<0.25		0.50	0.25	ug/L			10/06/25 17:19	1
1,3-Dichloropropane	<0.22		0.50	0.22	ug/L			10/06/25 17:19	1
2,2-Dichloropropane	<0.089		0.20	0.089	ug/L			10/06/25 17:19	1
1,1-Dichloropropene	<0.12		0.20	0.12	ug/L			10/06/25 17:19	1
Ethylbenzene	<0.34		0.50	0.34	ug/L			10/06/25 17:19	1
Hexachlorobutadiene	<0.41		0.50	0.41	ug/L			10/06/25 17:19	1
Isopropylbenzene	<0.28		0.50	0.28	ug/L			10/06/25 17:19	1
Isopropyl ether	<0.17		0.20	0.17	ug/L			10/06/25 17:19	1
4-Isopropyltoluene	<0.32		0.50	0.32	ug/L			10/06/25 17:19	1
Methylene Chloride	<0.41		0.50	0.41	ug/L			10/06/25 17:19	1
Methyl tert-butyl ether	<0.22		0.50	0.22	ug/L			10/06/25 17:19	1
Naphthalene	<3.2		5.0	3.2	ug/L			10/06/25 17:19	1
n-Butylbenzene	<0.34		0.50	0.34	ug/L			10/06/25 17:19	1
N-Propylbenzene	<0.32		0.50	0.32	ug/L			10/06/25 17:19	1
sec-Butylbenzene	<0.33		0.50	0.33	ug/L			10/06/25 17:19	1
Styrene	<0.25		0.50	0.25	ug/L			10/06/25 17:19	1
tert-Butylbenzene	<0.33		0.50	0.33	ug/L			10/06/25 17:19	1
1,1,1,2-Tetrachloroethane	<0.40		0.50	0.40	ug/L			10/06/25 17:19	1
1,1,2,2-Tetrachloroethane	<0.48		0.50	0.48	ug/L			10/06/25 17:19	1
Tetrachloroethene	<0.47		0.50	0.47	ug/L			10/06/25 17:19	1
Toluene	<0.32		0.50	0.32	ug/L			10/06/25 17:19	1
trans-1,2-Dichloroethene	<0.38		0.50	0.38	ug/L			10/06/25 17:19	1
trans-1,3-Dichloropropene	<0.028		0.20	0.028	ug/L			10/06/25 17:19	1

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Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2206 Green Bay Rd.

Lab Sample ID: 500-275332-8

Date Collected: 09/26/25 07:25

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.32		0.50	0.32	ug/L			10/06/25 17:19	1
1,2,4-Trichlorobenzene	<0.37		0.50	0.37	ug/L			10/06/25 17:19	1
1,1,1-Trichloroethane	<0.46		0.50	0.46	ug/L			10/06/25 17:19	1
1,1,2-Trichloroethane	<0.32		0.50	0.32	ug/L			10/06/25 17:19	1
Trichloroethene	<0.37		0.50	0.37	ug/L			10/06/25 17:19	1
Trichlorofluoromethane	<0.13		0.50	0.13	ug/L			10/06/25 17:19	1
1,2,3-Trichloropropane	<0.18	^c	0.50	0.18	ug/L			10/06/25 17:19	1
1,2,4-Trimethylbenzene	<0.27		0.50	0.27	ug/L			10/06/25 17:19	1
1,3,5-Trimethylbenzene	<0.31		0.50	0.31	ug/L			10/06/25 17:19	1
Vinyl chloride	0.15	J	0.20	0.012	ug/L			10/06/25 17:19	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/06/25 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		72 - 124		10/06/25 17:19	1
Dibromofluoromethane (Surr)	104		75 - 120		10/06/25 17:19	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		10/06/25 17:19	1
Toluene-d8 (Surr)	99		75 - 120		10/06/25 17:19	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2225 Green Bay Rd.

Lab Sample ID: 500-275332-9

Date Collected: 09/24/25 07:50

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.30	*	0.50	0.30	ug/L			10/03/25 18:53	1
Bromobenzene	<0.25	*	0.50	0.25	ug/L			10/03/25 18:53	1
Bromochloromethane	<0.33	*	0.50	0.33	ug/L			10/03/25 18:53	1
Bromodichloromethane	<0.10	*	0.50	0.10	ug/L			10/03/25 18:53	1
Bromoform	<0.34	*	0.50	0.34	ug/L			10/03/25 18:53	1
Bromomethane	<0.14	*	0.50	0.14	ug/L			10/03/25 18:53	1
Carbon tetrachloride	<0.46	*	0.50	0.46	ug/L			10/03/25 18:53	1
Chlorobenzene	<0.28	*	0.50	0.28	ug/L			10/03/25 18:53	1
Chloroethane	<0.92	*	1.0	0.92	ug/L			10/03/25 18:53	1
Chloroform	<0.33	*	1.0	0.33	ug/L			10/03/25 18:53	1
Chloromethane	<0.66	*	1.0	0.66	ug/L			10/03/25 18:53	1
2-Chlorotoluene	<0.23	*	0.50	0.23	ug/L			10/03/25 18:53	1
4-Chlorotoluene	<0.28	*	0.50	0.28	ug/L			10/03/25 18:53	1
cis-1,2-Dichloroethene	<0.37	*	0.50	0.37	ug/L			10/03/25 18:53	1
cis-1,3-Dichloropropene	<0.21	*	0.50	0.21	ug/L			10/03/25 18:53	1
Dibromochloromethane	<0.33	*	0.50	0.33	ug/L			10/03/25 18:53	1
1,2-Dibromo-3-Chloropropane	<0.59	*	1.0	0.59	ug/L			10/03/25 18:53	1
1,2-Dibromoethane (EDB)	<0.028	*	0.050	0.028	ug/L			10/03/25 18:53	1
Dibromomethane	<0.33	*	0.50	0.33	ug/L			10/03/25 18:53	1
1,2-Dichlorobenzene	<0.27	*	0.50	0.27	ug/L			10/03/25 18:53	1
1,3-Dichlorobenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 18:53	1
1,4-Dichlorobenzene	<0.31	*	0.50	0.31	ug/L			10/03/25 18:53	1
Dichlorodifluoromethane	<0.82	*	1.0	0.82	ug/L			10/03/25 18:53	1
1,1-Dichloroethane	<0.33	*	0.50	0.33	ug/L			10/03/25 18:53	1
1,2-Dichloroethane	<0.34	*	0.50	0.34	ug/L			10/03/25 18:53	1
1,1-Dichloroethene	<0.63	*	1.0	0.63	ug/L			10/03/25 18:53	1
1,2-Dichloropropane	<0.25	*	0.50	0.25	ug/L			10/03/25 18:53	1
1,3-Dichloropropane	<0.22	*	0.50	0.22	ug/L			10/03/25 18:53	1
2,2-Dichloropropane	<0.089	*	0.20	0.089	ug/L			10/03/25 18:53	1
1,1,1-Dichloropropene	<0.12	*	0.20	0.12	ug/L			10/03/25 18:53	1
Ethylbenzene	<0.34	*	0.50	0.34	ug/L			10/03/25 18:53	1
Hexachlorobutadiene	<0.41	*	0.50	0.41	ug/L			10/03/25 18:53	1
Isopropylbenzene	<0.28	*	0.50	0.28	ug/L			10/03/25 18:53	1
Isopropyl ether	<0.17	*	0.20	0.17	ug/L			10/03/25 18:53	1
4-Isopropyltoluene	<0.32	*	0.50	0.32	ug/L			10/03/25 18:53	1
Methylene Chloride	<0.41	*	0.50	0.41	ug/L			10/03/25 18:53	1
Methyl tert-butyl ether	<0.22	*	0.50	0.22	ug/L			10/03/25 18:53	1
Naphthalene	<3.2	*	5.0	3.2	ug/L			10/03/25 18:53	1
n-Butylbenzene	<0.34	*	0.50	0.34	ug/L			10/03/25 18:53	1
N-Propylbenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 18:53	1
sec-Butylbenzene	<0.33	*	0.50	0.33	ug/L			10/03/25 18:53	1
Styrene	<0.25	*	0.50	0.25	ug/L			10/03/25 18:53	1
tert-Butylbenzene	<0.33	*	0.50	0.33	ug/L			10/03/25 18:53	1
1,1,1,2-Tetrachloroethane	<0.40	*	0.50	0.40	ug/L			10/03/25 18:53	1
1,1,2,2-Tetrachloroethane	<0.48	*	0.50	0.48	ug/L			10/03/25 18:53	1
Tetrachloroethene	<0.47	*	0.50	0.47	ug/L			10/03/25 18:53	1
Toluene	<0.32	*	0.50	0.32	ug/L			10/03/25 18:53	1
trans-1,2-Dichloroethene	<0.38	*	0.50	0.38	ug/L			10/03/25 18:53	1
trans-1,3-Dichloropropene	<0.028	*	0.20	0.028	ug/L			10/03/25 18:53	1

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Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2225 Green Bay Rd.

Lab Sample ID: 500-275332-9

Date Collected: 09/24/25 07:50

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 18:53	1
1,2,4-Trichlorobenzene	<0.37	*	0.50	0.37	ug/L			10/03/25 18:53	1
1,1,1-Trichloroethane	<0.46	*	0.50	0.46	ug/L			10/03/25 18:53	1
1,1,2-Trichloroethane	<0.32	*	0.50	0.32	ug/L			10/03/25 18:53	1
Trichloroethene	<0.37	*	0.50	0.37	ug/L			10/03/25 18:53	1
Trichlorofluoromethane	<0.13	*	0.50	0.13	ug/L			10/03/25 18:53	1
1,2,3-Trichloropropane	<0.18	*	0.50	0.18	ug/L			10/03/25 18:53	1
1,2,4-Trimethylbenzene	<0.27	*	0.50	0.27	ug/L			10/03/25 18:53	1
1,3,5-Trimethylbenzene	<0.31	*	0.50	0.31	ug/L			10/03/25 18:53	1
Vinyl chloride	<0.012	*	0.20	0.012	ug/L			10/03/25 18:53	1
Xylenes, Total	<0.30	*	1.0	0.30	ug/L			10/03/25 18:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		72 - 124					10/03/25 18:53	1
Dibromofluoromethane (Surr)	104		75 - 120					10/03/25 18:53	1
1,2-Dichloroethane-d4 (Surr)	100		75 - 126					10/03/25 18:53	1
Toluene-d8 (Surr)	99		75 - 120					10/03/25 18:53	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2216 Edgewater Dr.

Lab Sample ID: 500-275332-10

Date Collected: 09/26/25 08:20

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.30		0.50	0.30	ug/L			10/06/25 17:46	1
Bromobenzene	<0.25		0.50	0.25	ug/L			10/06/25 17:46	1
Bromochloromethane	<0.33		0.50	0.33	ug/L			10/06/25 17:46	1
Bromodichloromethane	<0.10		0.50	0.10	ug/L			10/06/25 17:46	1
Bromoform	<0.34		0.50	0.34	ug/L			10/06/25 17:46	1
Bromomethane	<0.14	^c	0.50	0.14	ug/L			10/06/25 17:46	1
Carbon tetrachloride	<0.46		0.50	0.46	ug/L			10/06/25 17:46	1
Chlorobenzene	<0.28		0.50	0.28	ug/L			10/06/25 17:46	1
Chloroethane	<0.92		1.0	0.92	ug/L			10/06/25 17:46	1
Chloroform	<0.33		1.0	0.33	ug/L			10/06/25 17:46	1
Chloromethane	<0.66	^c	1.0	0.66	ug/L			10/06/25 17:46	1
2-Chlorotoluene	<0.23		0.50	0.23	ug/L			10/06/25 17:46	1
4-Chlorotoluene	<0.28		0.50	0.28	ug/L			10/06/25 17:46	1
cis-1,2-Dichloroethene	<0.37		0.50	0.37	ug/L			10/06/25 17:46	1
cis-1,3-Dichloropropene	<0.21		0.50	0.21	ug/L			10/06/25 17:46	1
Dibromochloromethane	<0.33		0.50	0.33	ug/L			10/06/25 17:46	1
1,2-Dibromo-3-Chloropropane	<0.59		1.0	0.59	ug/L			10/06/25 17:46	1
1,2-Dibromoethane (EDB)	<0.028		0.050	0.028	ug/L			10/06/25 17:46	1
Dibromomethane	<0.33		0.50	0.33	ug/L			10/06/25 17:46	1
1,2-Dichlorobenzene	<0.27		0.50	0.27	ug/L			10/06/25 17:46	1
1,3-Dichlorobenzene	<0.32		0.50	0.32	ug/L			10/06/25 17:46	1
1,4-Dichlorobenzene	<0.31		0.50	0.31	ug/L			10/06/25 17:46	1
Dichlorodifluoromethane	<0.82		1.0	0.82	ug/L			10/06/25 17:46	1
1,1-Dichloroethane	<0.33		0.50	0.33	ug/L			10/06/25 17:46	1
1,2-Dichloroethane	<0.34		0.50	0.34	ug/L			10/06/25 17:46	1
1,1-Dichloroethene	<0.63		1.0	0.63	ug/L			10/06/25 17:46	1
1,2-Dichloropropane	<0.25		0.50	0.25	ug/L			10/06/25 17:46	1
1,3-Dichloropropane	<0.22		0.50	0.22	ug/L			10/06/25 17:46	1
2,2-Dichloropropane	<0.089		0.20	0.089	ug/L			10/06/25 17:46	1
1,1-Dichloropropene	<0.12		0.20	0.12	ug/L			10/06/25 17:46	1
Ethylbenzene	<0.34		0.50	0.34	ug/L			10/06/25 17:46	1
Hexachlorobutadiene	<0.41		0.50	0.41	ug/L			10/06/25 17:46	1
Isopropylbenzene	<0.28		0.50	0.28	ug/L			10/06/25 17:46	1
Isopropyl ether	<0.17		0.20	0.17	ug/L			10/06/25 17:46	1
4-Isopropyltoluene	<0.32		0.50	0.32	ug/L			10/06/25 17:46	1
Methylene Chloride	<0.41		0.50	0.41	ug/L			10/06/25 17:46	1
Methyl tert-butyl ether	<0.22		0.50	0.22	ug/L			10/06/25 17:46	1
Naphthalene	<3.2		5.0	3.2	ug/L			10/06/25 17:46	1
n-Butylbenzene	<0.34		0.50	0.34	ug/L			10/06/25 17:46	1
N-Propylbenzene	<0.32		0.50	0.32	ug/L			10/06/25 17:46	1
sec-Butylbenzene	<0.33		0.50	0.33	ug/L			10/06/25 17:46	1
Styrene	<0.25		0.50	0.25	ug/L			10/06/25 17:46	1
tert-Butylbenzene	<0.33		0.50	0.33	ug/L			10/06/25 17:46	1
1,1,1,2-Tetrachloroethane	<0.40		0.50	0.40	ug/L			10/06/25 17:46	1
1,1,2,2-Tetrachloroethane	<0.48		0.50	0.48	ug/L			10/06/25 17:46	1
Tetrachloroethene	<0.47		0.50	0.47	ug/L			10/06/25 17:46	1
Toluene	<0.32		0.50	0.32	ug/L			10/06/25 17:46	1
trans-1,2-Dichloroethene	<0.38		0.50	0.38	ug/L			10/06/25 17:46	1
trans-1,3-Dichloropropene	<0.028		0.20	0.028	ug/L			10/06/25 17:46	1

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Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2216 Edgewater Dr.

Lab Sample ID: 500-275332-10

Date Collected: 09/26/25 08:20

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.32		0.50	0.32	ug/L			10/06/25 17:46	1
1,2,4-Trichlorobenzene	<0.37		0.50	0.37	ug/L			10/06/25 17:46	1
1,1,1-Trichloroethane	<0.46		0.50	0.46	ug/L			10/06/25 17:46	1
1,1,2-Trichloroethane	<0.32		0.50	0.32	ug/L			10/06/25 17:46	1
Trichloroethene	<0.37		0.50	0.37	ug/L			10/06/25 17:46	1
Trichlorofluoromethane	<0.13		0.50	0.13	ug/L			10/06/25 17:46	1
1,2,3-Trichloropropane	<0.18	^c	0.50	0.18	ug/L			10/06/25 17:46	1
1,2,4-Trimethylbenzene	<0.27		0.50	0.27	ug/L			10/06/25 17:46	1
1,3,5-Trimethylbenzene	<0.31		0.50	0.31	ug/L			10/06/25 17:46	1
Vinyl chloride	<0.012		0.20	0.012	ug/L			10/06/25 17:46	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/06/25 17:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		72 - 124		10/06/25 17:46	1
Dibromofluoromethane (Surr)	103		75 - 120		10/06/25 17:46	1
1,2-Dichloroethane-d4 (Surr)	100		75 - 126		10/06/25 17:46	1
Toluene-d8 (Surr)	99		75 - 120		10/06/25 17:46	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2236 Edgewater Dr.

Lab Sample ID: 500-275332-11

Date Collected: 09/25/25 07:45

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.30	*	0.50	0.30	ug/L			10/03/25 21:58	1
Bromobenzene	<0.25	*	0.50	0.25	ug/L			10/03/25 21:58	1
Bromochloromethane	<0.33	*	0.50	0.33	ug/L			10/03/25 21:58	1
Bromodichloromethane	<0.10	*	0.50	0.10	ug/L			10/03/25 21:58	1
Bromoform	<0.34	*	0.50	0.34	ug/L			10/03/25 21:58	1
Bromomethane	<0.14	*	0.50	0.14	ug/L			10/03/25 21:58	1
Carbon tetrachloride	<0.46	*	0.50	0.46	ug/L			10/03/25 21:58	1
Chlorobenzene	<0.28	*	0.50	0.28	ug/L			10/03/25 21:58	1
Chloroethane	<0.92	*	1.0	0.92	ug/L			10/03/25 21:58	1
Chloroform	<0.33	*	1.0	0.33	ug/L			10/03/25 21:58	1
Chloromethane	<0.66	*	1.0	0.66	ug/L			10/03/25 21:58	1
2-Chlorotoluene	<0.23	*	0.50	0.23	ug/L			10/03/25 21:58	1
4-Chlorotoluene	<0.28	*	0.50	0.28	ug/L			10/03/25 21:58	1
cis-1,2-Dichloroethene	<0.37	*	0.50	0.37	ug/L			10/03/25 21:58	1
cis-1,3-Dichloropropene	<0.21	*	0.50	0.21	ug/L			10/03/25 21:58	1
Dibromochloromethane	<0.33	*	0.50	0.33	ug/L			10/03/25 21:58	1
1,2-Dibromo-3-Chloropropane	<0.59	*	1.0	0.59	ug/L			10/03/25 21:58	1
1,2-Dibromoethane (EDB)	<0.028	*	0.050	0.028	ug/L			10/03/25 21:58	1
Dibromomethane	<0.33	*	0.50	0.33	ug/L			10/03/25 21:58	1
1,2-Dichlorobenzene	<0.27	*	0.50	0.27	ug/L			10/03/25 21:58	1
1,3-Dichlorobenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 21:58	1
1,4-Dichlorobenzene	<0.31	*	0.50	0.31	ug/L			10/03/25 21:58	1
Dichlorodifluoromethane	<0.82	*	1.0	0.82	ug/L			10/03/25 21:58	1
1,1-Dichloroethane	<0.33	*	0.50	0.33	ug/L			10/03/25 21:58	1
1,2-Dichloroethane	<0.34	*	0.50	0.34	ug/L			10/03/25 21:58	1
1,1-Dichloroethene	<0.63	*	1.0	0.63	ug/L			10/03/25 21:58	1
1,2-Dichloropropane	<0.25	*	0.50	0.25	ug/L			10/03/25 21:58	1
1,3-Dichloropropane	<0.22	*	0.50	0.22	ug/L			10/03/25 21:58	1
2,2-Dichloropropane	<0.089	*	0.20	0.089	ug/L			10/03/25 21:58	1
1,1-Dichloropropene	<0.12	*	0.20	0.12	ug/L			10/03/25 21:58	1
Ethylbenzene	<0.34	*	0.50	0.34	ug/L			10/03/25 21:58	1
Hexachlorobutadiene	<0.41	*	0.50	0.41	ug/L			10/03/25 21:58	1
Isopropylbenzene	<0.28	*	0.50	0.28	ug/L			10/03/25 21:58	1
Isopropyl ether	<0.17		0.20	0.17	ug/L			10/03/25 21:58	1
4-Isopropyltoluene	<0.32	*	0.50	0.32	ug/L			10/03/25 21:58	1
Methylene Chloride	<0.41	*	0.50	0.41	ug/L			10/03/25 21:58	1
Methyl tert-butyl ether	<0.22	*	0.50	0.22	ug/L			10/03/25 21:58	1
Naphthalene	<3.2	*	5.0	3.2	ug/L			10/03/25 21:58	1
n-Butylbenzene	<0.34	*	0.50	0.34	ug/L			10/03/25 21:58	1
N-Propylbenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 21:58	1
sec-Butylbenzene	<0.33	*	0.50	0.33	ug/L			10/03/25 21:58	1
Styrene	<0.25	*	0.50	0.25	ug/L			10/03/25 21:58	1
tert-Butylbenzene	<0.33	*	0.50	0.33	ug/L			10/03/25 21:58	1
1,1,1,2-Tetrachloroethane	<0.40	*	0.50	0.40	ug/L			10/03/25 21:58	1
1,1,2,2-Tetrachloroethane	<0.48	*	0.50	0.48	ug/L			10/03/25 21:58	1
Tetrachloroethene	<0.47	*	0.50	0.47	ug/L			10/03/25 21:58	1
Toluene	<0.32	*	0.50	0.32	ug/L			10/03/25 21:58	1
trans-1,2-Dichloroethene	<0.38	*	0.50	0.38	ug/L			10/03/25 21:58	1
trans-1,3-Dichloropropene	<0.028	*	0.20	0.028	ug/L			10/03/25 21:58	1

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Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2236 Edgewater Dr.

Lab Sample ID: 500-275332-11

Date Collected: 09/25/25 07:45

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 21:58	1
1,2,4-Trichlorobenzene	<0.37	*	0.50	0.37	ug/L			10/03/25 21:58	1
1,1,1-Trichloroethane	<0.46	*	0.50	0.46	ug/L			10/03/25 21:58	1
1,1,2-Trichloroethane	<0.32	*	0.50	0.32	ug/L			10/03/25 21:58	1
Trichloroethene	<0.37	*	0.50	0.37	ug/L			10/03/25 21:58	1
Trichlorofluoromethane	<0.13	*	0.50	0.13	ug/L			10/03/25 21:58	1
1,2,3-Trichloropropane	<0.18	*	0.50	0.18	ug/L			10/03/25 21:58	1
1,2,4-Trimethylbenzene	<0.27	*	0.50	0.27	ug/L			10/03/25 21:58	1
1,3,5-Trimethylbenzene	<0.31	*	0.50	0.31	ug/L			10/03/25 21:58	1
Vinyl chloride	<0.012	*	0.20	0.012	ug/L			10/03/25 21:58	1
Xylenes, Total	<0.30	*	1.0	0.30	ug/L			10/03/25 21:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124		10/03/25 21:58	1
Dibromofluoromethane (Surr)	102		75 - 120		10/03/25 21:58	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 126		10/03/25 21:58	1
Toluene-d8 (Surr)	101		75 - 120		10/03/25 21:58	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2246 Edgewater Dr.

Lab Sample ID: 500-275332-12

Date Collected: 09/26/25 08:05

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.30	*	0.50	0.30	ug/L			10/03/25 22:24	1
Bromobenzene	<0.25	*	0.50	0.25	ug/L			10/03/25 22:24	1
Bromochloromethane	<0.33	*	0.50	0.33	ug/L			10/03/25 22:24	1
Bromodichloromethane	<0.10	*	0.50	0.10	ug/L			10/03/25 22:24	1
Bromoform	<0.34	*	0.50	0.34	ug/L			10/03/25 22:24	1
Bromomethane	<0.14	*	0.50	0.14	ug/L			10/03/25 22:24	1
Carbon tetrachloride	<0.46	*	0.50	0.46	ug/L			10/03/25 22:24	1
Chlorobenzene	<0.28	*	0.50	0.28	ug/L			10/03/25 22:24	1
Chloroethane	<0.92	*	1.0	0.92	ug/L			10/03/25 22:24	1
Chloroform	<0.33	*	1.0	0.33	ug/L			10/03/25 22:24	1
Chloromethane	<0.66	*	1.0	0.66	ug/L			10/03/25 22:24	1
2-Chlorotoluene	<0.23	*	0.50	0.23	ug/L			10/03/25 22:24	1
4-Chlorotoluene	<0.28	*	0.50	0.28	ug/L			10/03/25 22:24	1
cis-1,2-Dichloroethene	<0.37	*	0.50	0.37	ug/L			10/03/25 22:24	1
cis-1,3-Dichloropropene	<0.21	*	0.50	0.21	ug/L			10/03/25 22:24	1
Dibromochloromethane	<0.33	*	0.50	0.33	ug/L			10/03/25 22:24	1
1,2-Dibromo-3-Chloropropane	<0.59	*	1.0	0.59	ug/L			10/03/25 22:24	1
1,2-Dibromoethane (EDB)	<0.028	*	0.050	0.028	ug/L			10/03/25 22:24	1
Dibromomethane	<0.33	*	0.50	0.33	ug/L			10/03/25 22:24	1
1,2-Dichlorobenzene	<0.27	*	0.50	0.27	ug/L			10/03/25 22:24	1
1,3-Dichlorobenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 22:24	1
1,4-Dichlorobenzene	<0.31	*	0.50	0.31	ug/L			10/03/25 22:24	1
Dichlorodifluoromethane	<0.82	*	1.0	0.82	ug/L			10/03/25 22:24	1
1,1-Dichloroethane	<0.33	*	0.50	0.33	ug/L			10/03/25 22:24	1
1,2-Dichloroethane	<0.34	*	0.50	0.34	ug/L			10/03/25 22:24	1
1,1-Dichloroethene	<0.63	*	1.0	0.63	ug/L			10/03/25 22:24	1
1,2-Dichloropropane	<0.25	*	0.50	0.25	ug/L			10/03/25 22:24	1
1,3-Dichloropropane	<0.22	*	0.50	0.22	ug/L			10/03/25 22:24	1
2,2-Dichloropropane	<0.089	*	0.20	0.089	ug/L			10/03/25 22:24	1
1,1-Dichloropropene	<0.12	*	0.20	0.12	ug/L			10/03/25 22:24	1
Ethylbenzene	<0.34	*	0.50	0.34	ug/L			10/03/25 22:24	1
Hexachlorobutadiene	<0.41	*	0.50	0.41	ug/L			10/03/25 22:24	1
Isopropylbenzene	<0.28	*	0.50	0.28	ug/L			10/03/25 22:24	1
Isopropyl ether	<0.17		0.20	0.17	ug/L			10/03/25 22:24	1
4-Isopropyltoluene	<0.32	*	0.50	0.32	ug/L			10/03/25 22:24	1
Methylene Chloride	<0.41	*	0.50	0.41	ug/L			10/03/25 22:24	1
Methyl tert-butyl ether	<0.22	*	0.50	0.22	ug/L			10/03/25 22:24	1
Naphthalene	<3.2	*	5.0	3.2	ug/L			10/03/25 22:24	1
n-Butylbenzene	<0.34	*	0.50	0.34	ug/L			10/03/25 22:24	1
N-Propylbenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 22:24	1
sec-Butylbenzene	<0.33	*	0.50	0.33	ug/L			10/03/25 22:24	1
Styrene	<0.25	*	0.50	0.25	ug/L			10/03/25 22:24	1
tert-Butylbenzene	<0.33	*	0.50	0.33	ug/L			10/03/25 22:24	1
1,1,1,2-Tetrachloroethane	<0.40	*	0.50	0.40	ug/L			10/03/25 22:24	1
1,1,2,2-Tetrachloroethane	<0.48	*	0.50	0.48	ug/L			10/03/25 22:24	1
Tetrachloroethene	<0.47	*	0.50	0.47	ug/L			10/03/25 22:24	1
Toluene	<0.32	*	0.50	0.32	ug/L			10/03/25 22:24	1
trans-1,2-Dichloroethene	<0.38	*	0.50	0.38	ug/L			10/03/25 22:24	1
trans-1,3-Dichloropropene	<0.028	*	0.20	0.028	ug/L			10/03/25 22:24	1

Eurofins Chicago

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2246 Edgewater Dr.

Lab Sample ID: 500-275332-12

Date Collected: 09/26/25 08:05

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 22:24	1
1,2,4-Trichlorobenzene	<0.37	*	0.50	0.37	ug/L			10/03/25 22:24	1
1,1,1-Trichloroethane	<0.46	*	0.50	0.46	ug/L			10/03/25 22:24	1
1,1,2-Trichloroethane	<0.32	*	0.50	0.32	ug/L			10/03/25 22:24	1
Trichloroethene	<0.37	*	0.50	0.37	ug/L			10/03/25 22:24	1
Trichlorofluoromethane	<0.13	*	0.50	0.13	ug/L			10/03/25 22:24	1
1,2,3-Trichloropropane	<0.18	*	0.50	0.18	ug/L			10/03/25 22:24	1
1,2,4-Trimethylbenzene	<0.27	*	0.50	0.27	ug/L			10/03/25 22:24	1
1,3,5-Trimethylbenzene	<0.31	*	0.50	0.31	ug/L			10/03/25 22:24	1
Vinyl chloride	0.33	*	0.20	0.012	ug/L			10/03/25 22:24	1
Xylenes, Total	<0.30	*	1.0	0.30	ug/L			10/03/25 22:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		72 - 124		10/03/25 22:24	1
Dibromofluoromethane (Surr)	103		75 - 120		10/03/25 22:24	1
1,2-Dichloroethane-d4 (Surr)	98		75 - 126		10/03/25 22:24	1
Toluene-d8 (Surr)	99		75 - 120		10/03/25 22:24	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2252 Edgewater Dr.

Lab Sample ID: 500-275332-13

Date Collected: 09/24/25 07:25

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.30	*	0.50	0.30	ug/L			10/03/25 19:20	1
Bromobenzene	<0.25	*	0.50	0.25	ug/L			10/03/25 19:20	1
Bromochloromethane	<0.33	*	0.50	0.33	ug/L			10/03/25 19:20	1
Bromodichloromethane	<0.10	*	0.50	0.10	ug/L			10/03/25 19:20	1
Bromoform	<0.34	*	0.50	0.34	ug/L			10/03/25 19:20	1
Bromomethane	<0.14	*	0.50	0.14	ug/L			10/03/25 19:20	1
Carbon tetrachloride	<0.46	*	0.50	0.46	ug/L			10/03/25 19:20	1
Chlorobenzene	<0.28	*	0.50	0.28	ug/L			10/03/25 19:20	1
Chloroethane	<0.92	*	1.0	0.92	ug/L			10/03/25 19:20	1
Chloroform	<0.33	*	1.0	0.33	ug/L			10/03/25 19:20	1
Chloromethane	<0.66	*	1.0	0.66	ug/L			10/03/25 19:20	1
2-Chlorotoluene	<0.23	*	0.50	0.23	ug/L			10/03/25 19:20	1
4-Chlorotoluene	<0.28	*	0.50	0.28	ug/L			10/03/25 19:20	1
cis-1,2-Dichloroethene	<0.37	*	0.50	0.37	ug/L			10/03/25 19:20	1
cis-1,3-Dichloropropene	<0.21	*	0.50	0.21	ug/L			10/03/25 19:20	1
Dibromochloromethane	<0.33	*	0.50	0.33	ug/L			10/03/25 19:20	1
1,2-Dibromo-3-Chloropropane	<0.59	*	1.0	0.59	ug/L			10/03/25 19:20	1
1,2-Dibromoethane (EDB)	<0.028	*	0.050	0.028	ug/L			10/03/25 19:20	1
Dibromomethane	<0.33	*	0.50	0.33	ug/L			10/03/25 19:20	1
1,2-Dichlorobenzene	<0.27	*	0.50	0.27	ug/L			10/03/25 19:20	1
1,3-Dichlorobenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 19:20	1
1,4-Dichlorobenzene	<0.31	*	0.50	0.31	ug/L			10/03/25 19:20	1
Dichlorodifluoromethane	<0.82	*	1.0	0.82	ug/L			10/03/25 19:20	1
1,1-Dichloroethane	<0.33	*	0.50	0.33	ug/L			10/03/25 19:20	1
1,2-Dichloroethane	<0.34	*	0.50	0.34	ug/L			10/03/25 19:20	1
1,1-Dichloroethene	<0.63	*	1.0	0.63	ug/L			10/03/25 19:20	1
1,2-Dichloropropane	<0.25	*	0.50	0.25	ug/L			10/03/25 19:20	1
1,3-Dichloropropane	<0.22	*	0.50	0.22	ug/L			10/03/25 19:20	1
2,2-Dichloropropane	<0.089	*	0.20	0.089	ug/L			10/03/25 19:20	1
1,1-Dichloropropene	<0.12	*	0.20	0.12	ug/L			10/03/25 19:20	1
Ethylbenzene	<0.34	*	0.50	0.34	ug/L			10/03/25 19:20	1
Hexachlorobutadiene	<0.41	*	0.50	0.41	ug/L			10/03/25 19:20	1
Isopropylbenzene	<0.28	*	0.50	0.28	ug/L			10/03/25 19:20	1
Isopropyl ether	<0.17		0.20	0.17	ug/L			10/03/25 19:20	1
4-Isopropyltoluene	<0.32	*	0.50	0.32	ug/L			10/03/25 19:20	1
Methylene Chloride	<0.41	*	0.50	0.41	ug/L			10/03/25 19:20	1
Methyl tert-butyl ether	<0.22	*	0.50	0.22	ug/L			10/03/25 19:20	1
Naphthalene	<3.2	*	5.0	3.2	ug/L			10/03/25 19:20	1
n-Butylbenzene	<0.34	*	0.50	0.34	ug/L			10/03/25 19:20	1
N-Propylbenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 19:20	1
sec-Butylbenzene	<0.33	*	0.50	0.33	ug/L			10/03/25 19:20	1
Styrene	<0.25	*	0.50	0.25	ug/L			10/03/25 19:20	1
tert-Butylbenzene	<0.33	*	0.50	0.33	ug/L			10/03/25 19:20	1
1,1,1,2-Tetrachloroethane	<0.40	*	0.50	0.40	ug/L			10/03/25 19:20	1
1,1,2,2-Tetrachloroethane	<0.48	*	0.50	0.48	ug/L			10/03/25 19:20	1
Tetrachloroethene	<0.47	*	0.50	0.47	ug/L			10/03/25 19:20	1
Toluene	<0.32	*	0.50	0.32	ug/L			10/03/25 19:20	1
trans-1,2-Dichloroethene	<0.38	*	0.50	0.38	ug/L			10/03/25 19:20	1
trans-1,3-Dichloropropene	<0.028	*	0.20	0.028	ug/L			10/03/25 19:20	1

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Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2252 Edgewater Dr.

Lab Sample ID: 500-275332-13

Date Collected: 09/24/25 07:25

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 19:20	1
1,2,4-Trichlorobenzene	<0.37	*	0.50	0.37	ug/L			10/03/25 19:20	1
1,1,1-Trichloroethane	<0.46	*	0.50	0.46	ug/L			10/03/25 19:20	1
1,1,2-Trichloroethane	<0.32	*	0.50	0.32	ug/L			10/03/25 19:20	1
Trichloroethene	<0.37	*	0.50	0.37	ug/L			10/03/25 19:20	1
Trichlorofluoromethane	<0.13	*	0.50	0.13	ug/L			10/03/25 19:20	1
1,2,3-Trichloropropane	<0.18	*	0.50	0.18	ug/L			10/03/25 19:20	1
1,2,4-Trimethylbenzene	<0.27	*	0.50	0.27	ug/L			10/03/25 19:20	1
1,3,5-Trimethylbenzene	<0.31	*	0.50	0.31	ug/L			10/03/25 19:20	1
Vinyl chloride	0.38	*	0.20	0.012	ug/L			10/03/25 19:20	1
Xylenes, Total	<0.30	*	1.0	0.30	ug/L			10/03/25 19:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		72 - 124		10/03/25 19:20	1
Dibromofluoromethane (Surr)	108		75 - 120		10/03/25 19:20	1
1,2-Dichloroethane-d4 (Surr)	100		75 - 126		10/03/25 19:20	1
Toluene-d8 (Surr)	101		75 - 120		10/03/25 19:20	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2258 Edgewater Dr.

Lab Sample ID: 500-275332-14

Date Collected: 09/24/25 07:35

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.30	*	0.50	0.30	ug/L			10/03/25 19:46	1
Bromobenzene	<0.25	*	0.50	0.25	ug/L			10/03/25 19:46	1
Bromochloromethane	<0.33	*	0.50	0.33	ug/L			10/03/25 19:46	1
Bromodichloromethane	<0.10	*	0.50	0.10	ug/L			10/03/25 19:46	1
Bromoform	<0.34	*	0.50	0.34	ug/L			10/03/25 19:46	1
Bromomethane	<0.14	*	0.50	0.14	ug/L			10/03/25 19:46	1
Carbon tetrachloride	<0.46	*	0.50	0.46	ug/L			10/03/25 19:46	1
Chlorobenzene	<0.28	*	0.50	0.28	ug/L			10/03/25 19:46	1
Chloroethane	<0.92	*	1.0	0.92	ug/L			10/03/25 19:46	1
Chloroform	<0.33	*	1.0	0.33	ug/L			10/03/25 19:46	1
Chloromethane	<0.66	*	1.0	0.66	ug/L			10/03/25 19:46	1
2-Chlorotoluene	<0.23	*	0.50	0.23	ug/L			10/03/25 19:46	1
4-Chlorotoluene	<0.28	*	0.50	0.28	ug/L			10/03/25 19:46	1
cis-1,2-Dichloroethene	<0.37	*	0.50	0.37	ug/L			10/03/25 19:46	1
cis-1,3-Dichloropropene	<0.21	*	0.50	0.21	ug/L			10/03/25 19:46	1
Dibromochloromethane	<0.33	*	0.50	0.33	ug/L			10/03/25 19:46	1
1,2-Dibromo-3-Chloropropane	<0.59	*	1.0	0.59	ug/L			10/03/25 19:46	1
1,2-Dibromoethane (EDB)	<0.028	*	0.050	0.028	ug/L			10/03/25 19:46	1
Dibromomethane	<0.33	*	0.50	0.33	ug/L			10/03/25 19:46	1
1,2-Dichlorobenzene	<0.27	*	0.50	0.27	ug/L			10/03/25 19:46	1
1,3-Dichlorobenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 19:46	1
1,4-Dichlorobenzene	<0.31	*	0.50	0.31	ug/L			10/03/25 19:46	1
Dichlorodifluoromethane	<0.82	*	1.0	0.82	ug/L			10/03/25 19:46	1
1,1-Dichloroethane	<0.33	*	0.50	0.33	ug/L			10/03/25 19:46	1
1,2-Dichloroethane	<0.34	*	0.50	0.34	ug/L			10/03/25 19:46	1
1,1-Dichloroethene	<0.63	*	1.0	0.63	ug/L			10/03/25 19:46	1
1,2-Dichloropropane	<0.25	*	0.50	0.25	ug/L			10/03/25 19:46	1
1,3-Dichloropropane	<0.22	*	0.50	0.22	ug/L			10/03/25 19:46	1
2,2-Dichloropropane	<0.089	*	0.20	0.089	ug/L			10/03/25 19:46	1
1,1-Dichloropropene	<0.12	*	0.20	0.12	ug/L			10/03/25 19:46	1
Ethylbenzene	<0.34	*	0.50	0.34	ug/L			10/03/25 19:46	1
Hexachlorobutadiene	<0.41	*	0.50	0.41	ug/L			10/03/25 19:46	1
Isopropylbenzene	<0.28	*	0.50	0.28	ug/L			10/03/25 19:46	1
Isopropyl ether	<0.17		0.20	0.17	ug/L			10/03/25 19:46	1
4-Isopropyltoluene	<0.32	*	0.50	0.32	ug/L			10/03/25 19:46	1
Methylene Chloride	<0.41	*	0.50	0.41	ug/L			10/03/25 19:46	1
Methyl tert-butyl ether	<0.22	*	0.50	0.22	ug/L			10/03/25 19:46	1
Naphthalene	<3.2	*	5.0	3.2	ug/L			10/03/25 19:46	1
n-Butylbenzene	<0.34	*	0.50	0.34	ug/L			10/03/25 19:46	1
N-Propylbenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 19:46	1
sec-Butylbenzene	<0.33	*	0.50	0.33	ug/L			10/03/25 19:46	1
Styrene	<0.25	*	0.50	0.25	ug/L			10/03/25 19:46	1
tert-Butylbenzene	<0.33	*	0.50	0.33	ug/L			10/03/25 19:46	1
1,1,1,2-Tetrachloroethane	<0.40	*	0.50	0.40	ug/L			10/03/25 19:46	1
1,1,2,2-Tetrachloroethane	<0.48	*	0.50	0.48	ug/L			10/03/25 19:46	1
Tetrachloroethene	<0.47	*	0.50	0.47	ug/L			10/03/25 19:46	1
Toluene	<0.32	*	0.50	0.32	ug/L			10/03/25 19:46	1
trans-1,2-Dichloroethene	<0.38	*	0.50	0.38	ug/L			10/03/25 19:46	1
trans-1,3-Dichloropropene	<0.028	*	0.20	0.028	ug/L			10/03/25 19:46	1

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Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2258 Edgewater Dr.

Lab Sample ID: 500-275332-14

Date Collected: 09/24/25 07:35

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.32	*	0.50	0.32	ug/L			10/03/25 19:46	1
1,2,4-Trichlorobenzene	<0.37	*	0.50	0.37	ug/L			10/03/25 19:46	1
1,1,1-Trichloroethane	<0.46	*	0.50	0.46	ug/L			10/03/25 19:46	1
1,1,2-Trichloroethane	<0.32	*	0.50	0.32	ug/L			10/03/25 19:46	1
Trichloroethene	<0.37	*	0.50	0.37	ug/L			10/03/25 19:46	1
Trichlorofluoromethane	<0.13	*	0.50	0.13	ug/L			10/03/25 19:46	1
1,2,3-Trichloropropane	<0.18	*	0.50	0.18	ug/L			10/03/25 19:46	1
1,2,4-Trimethylbenzene	<0.27	*	0.50	0.27	ug/L			10/03/25 19:46	1
1,3,5-Trimethylbenzene	<0.31	*	0.50	0.31	ug/L			10/03/25 19:46	1
Vinyl chloride	0.21	*	0.20	0.012	ug/L			10/03/25 19:46	1
Xylenes, Total	<0.30	*	1.0	0.30	ug/L			10/03/25 19:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		72 - 124		10/03/25 19:46	1
Dibromofluoromethane (Surr)	106		75 - 120		10/03/25 19:46	1
1,2-Dichloroethane-d4 (Surr)	102		75 - 126		10/03/25 19:46	1
Toluene-d8 (Surr)	102		75 - 120		10/03/25 19:46	1

Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: Trip Blank-HCL

Lab Sample ID: 500-275332-15

Date Collected: 09/26/25 00:00

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.30		0.50	0.30	ug/L			10/01/25 12:28	1
Bromobenzene	<0.25		0.50	0.25	ug/L			10/01/25 12:28	1
Bromochloromethane	<0.33		0.50	0.33	ug/L			10/01/25 12:28	1
Bromodichloromethane	<0.10		0.50	0.10	ug/L			10/01/25 12:28	1
Bromoform	<0.34		0.50	0.34	ug/L			10/01/25 12:28	1
Bromomethane	<0.14		0.50	0.14	ug/L			10/01/25 12:28	1
Carbon tetrachloride	<0.46		0.50	0.46	ug/L			10/01/25 12:28	1
Chlorobenzene	<0.28		0.50	0.28	ug/L			10/01/25 12:28	1
Chloroethane	<0.92		1.0	0.92	ug/L			10/01/25 12:28	1
Chloroform	<0.33		1.0	0.33	ug/L			10/01/25 12:28	1
Chloromethane	<0.66		1.0	0.66	ug/L			10/01/25 12:28	1
2-Chlorotoluene	<0.23		0.50	0.23	ug/L			10/01/25 12:28	1
4-Chlorotoluene	<0.28		0.50	0.28	ug/L			10/01/25 12:28	1
cis-1,2-Dichloroethene	<0.37		0.50	0.37	ug/L			10/01/25 12:28	1
cis-1,3-Dichloropropene	<0.21		0.50	0.21	ug/L			10/01/25 12:28	1
Dibromochloromethane	<0.33		0.50	0.33	ug/L			10/01/25 12:28	1
1,2-Dibromo-3-Chloropropane	<0.59		1.0	0.59	ug/L			10/01/25 12:28	1
1,2-Dibromoethane (EDB)	<0.028		0.050	0.028	ug/L			10/01/25 12:28	1
Dibromomethane	<0.33		0.50	0.33	ug/L			10/01/25 12:28	1
1,2-Dichlorobenzene	<0.27		0.50	0.27	ug/L			10/01/25 12:28	1
1,3-Dichlorobenzene	<0.32		0.50	0.32	ug/L			10/01/25 12:28	1
1,4-Dichlorobenzene	<0.31		0.50	0.31	ug/L			10/01/25 12:28	1
Dichlorodifluoromethane	<0.82	^c	1.0	0.82	ug/L			10/01/25 12:28	1
1,1-Dichloroethane	<0.33		0.50	0.33	ug/L			10/01/25 12:28	1
1,2-Dichloroethane	<0.34		0.50	0.34	ug/L			10/01/25 12:28	1
1,1-Dichloroethene	<0.63		1.0	0.63	ug/L			10/01/25 12:28	1
1,2-Dichloropropane	<0.25		0.50	0.25	ug/L			10/01/25 12:28	1
1,3-Dichloropropane	<0.22		0.50	0.22	ug/L			10/01/25 12:28	1
2,2-Dichloropropane	<0.089		0.20	0.089	ug/L			10/01/25 12:28	1
1,1-Dichloropropene	<0.12		0.20	0.12	ug/L			10/01/25 12:28	1
Ethylbenzene	<0.34		0.50	0.34	ug/L			10/01/25 12:28	1
Hexachlorobutadiene	<0.41		0.50	0.41	ug/L			10/01/25 12:28	1
Isopropylbenzene	<0.28		0.50	0.28	ug/L			10/01/25 12:28	1
Isopropyl ether	<0.17	^c	0.20	0.17	ug/L			10/01/25 12:28	1
4-Isopropyltoluene	<0.32		0.50	0.32	ug/L			10/01/25 12:28	1
Methylene Chloride	<0.41		0.50	0.41	ug/L			10/01/25 12:28	1
Methyl tert-butyl ether	<0.22		0.50	0.22	ug/L			10/01/25 12:28	1
Naphthalene	<3.2		5.0	3.2	ug/L			10/01/25 12:28	1
n-Butylbenzene	<0.34		0.50	0.34	ug/L			10/01/25 12:28	1
N-Propylbenzene	<0.32		0.50	0.32	ug/L			10/01/25 12:28	1
sec-Butylbenzene	<0.33		0.50	0.33	ug/L			10/01/25 12:28	1
Styrene	<0.25		0.50	0.25	ug/L			10/01/25 12:28	1
tert-Butylbenzene	<0.33		0.50	0.33	ug/L			10/01/25 12:28	1
1,1,1,2-Tetrachloroethane	<0.40		0.50	0.40	ug/L			10/01/25 12:28	1
1,1,2,2-Tetrachloroethane	<0.48		0.50	0.48	ug/L			10/01/25 12:28	1
Tetrachloroethene	<0.47		0.50	0.47	ug/L			10/01/25 12:28	1
Toluene	<0.32		0.50	0.32	ug/L			10/01/25 12:28	1
trans-1,2-Dichloroethene	<0.38		0.50	0.38	ug/L			10/01/25 12:28	1
trans-1,3-Dichloropropene	<0.028		0.20	0.028	ug/L			10/01/25 12:28	1

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Client Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: Trip Blank-HCL

Lab Sample ID: 500-275332-15

Date Collected: 09/26/25 00:00

Matrix: Water

Date Received: 09/27/25 09:30

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichlorobenzene	<0.32		0.50	0.32	ug/L			10/01/25 12:28	1
1,2,4-Trichlorobenzene	<0.37		0.50	0.37	ug/L			10/01/25 12:28	1
1,1,1-Trichloroethane	<0.46		0.50	0.46	ug/L			10/01/25 12:28	1
1,1,2-Trichloroethane	<0.32		0.50	0.32	ug/L			10/01/25 12:28	1
Trichloroethene	<0.37		0.50	0.37	ug/L			10/01/25 12:28	1
Trichlorofluoromethane	<0.13		0.50	0.13	ug/L			10/01/25 12:28	1
1,2,3-Trichloropropane	<0.18		0.50	0.18	ug/L			10/01/25 12:28	1
1,2,4-Trimethylbenzene	<0.27		0.50	0.27	ug/L			10/01/25 12:28	1
1,3,5-Trimethylbenzene	<0.31		0.50	0.31	ug/L			10/01/25 12:28	1
Vinyl chloride	<0.012		0.20	0.012	ug/L			10/01/25 12:28	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/01/25 12:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		72 - 124		10/01/25 12:28	1
Dibromofluoromethane (Surr)	105		75 - 120		10/01/25 12:28	1
1,2-Dichloroethane-d4 (Surr)	105		75 - 126		10/01/25 12:28	1
Toluene-d8 (Surr)	106		75 - 120		10/01/25 12:28	1

Definitions/Glossary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits
*	LCS or LCSD is outside acceptance limits.
^c	CCV Recovery is outside acceptance limits.
J	Reported value was between the limit of detection and the limit of quantitation.

Glossary

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

QC Association Summary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

GC/MS VOA

Analysis Batch: 836396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-275332-4	2280 Edgewood Dr.	Total/NA	Water	8260D	
500-275332-5	2165 N. Green Bay Rd.	Total/NA	Water	8260D	
500-275332-15	Trip Blank-HCL	Total/NA	Water	8260D	
MB 500-836396/8	Method Blank	Total/NA	Water	8260D	
LCS 500-836396/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 500-836396/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 836692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-275332-1	2224 Edgewood Dr.	Total/NA	Water	8260D	
500-275332-2	2232 Edgewood Dr.	Total/NA	Water	8260D	
500-275332-3	2267 Edgewood Dr.	Total/NA	Water	8260D	
500-275332-7	1965 Tamarack Tr.	Total/NA	Water	8260D	
500-275332-9	2225 Green Bay Rd.	Total/NA	Water	8260D	
500-275332-11	2236 Edgewater Dr.	Total/NA	Water	8260D	
500-275332-12	2246 Edgewater Dr.	Total/NA	Water	8260D	
500-275332-13	2252 Edgewater Dr.	Total/NA	Water	8260D	
500-275332-14	2258 Edgewater Dr.	Total/NA	Water	8260D	
MB 500-836692/19	Method Blank	Total/NA	Water	8260D	
LCS 500-836692/16	Lab Control Sample	Total/NA	Water	8260D	
LCSD 500-836692/17	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 836943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-275332-6	2217 N. Green Bay Rd.	Total/NA	Water	8260D	
500-275332-8	2206 Green Bay Rd.	Total/NA	Water	8260D	
500-275332-10	2216 Edgewater Dr.	Total/NA	Water	8260D	
MB 500-836943/16	Method Blank	Total/NA	Water	8260D	
LCS 500-836943/13	Lab Control Sample	Total/NA	Water	8260D	
LCSD 500-836943/14	Lab Control Sample Dup	Total/NA	Water	8260D	

Surrogate Summary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (72-124)	DBFM (75-120)	DCA (75-126)	TOL (75-120)
500-275332-1	2224 Edgewood Dr.	101	104	98	99
500-275332-2	2232 Edgewood Dr.	100	106	102	101
500-275332-3	2267 Edgewood Dr.	100	106	97	101
500-275332-4	2280 Edgewood Dr.	99	102	98	103
500-275332-5	2165 N. Green Bay Rd.	99	104	101	102
500-275332-6	2217 N. Green Bay Rd.	98	101	94	101
500-275332-7	1965 Tamarack Tr.	102	105	98	101
500-275332-8	2206 Green Bay Rd.	99	104	98	99
500-275332-9	2225 Green Bay Rd.	103	104	100	99
500-275332-10	2216 Edgewater Dr.	96	103	100	99
500-275332-11	2236 Edgewater Dr.	98	102	94	101
500-275332-12	2246 Edgewater Dr.	99	103	98	99
500-275332-13	2252 Edgewater Dr.	101	108	100	101
500-275332-14	2258 Edgewater Dr.	99	106	102	102
500-275332-15	Trip Blank-HCL	100	105	105	106
LCS 500-836396/4	Lab Control Sample	101	95	86	101
LCS 500-836692/16	Lab Control Sample	96	93	97	100
LCS 500-836943/13	Lab Control Sample	91	96	97	100
LCSD 500-836396/5	Lab Control Sample Dup	101	94	86	102
LCSD 500-836692/17	Lab Control Sample Dup	95	95	101	101
LCSD 500-836943/14	Lab Control Sample Dup	92	95	94	102
MB 500-836396/8	Method Blank	101	106	105	102
MB 500-836692/19	Method Blank	103	104	99	101
MB 500-836943/16	Method Blank	98	104	97	102

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

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

Lab Sample ID: MB 500-836396/8

Matrix: Water

Analysis Batch: 836396

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.30		0.50	0.30	ug/L			10/01/25 12:04	1
Bromobenzene	<0.25		0.50	0.25	ug/L			10/01/25 12:04	1
Bromochloromethane	<0.33		0.50	0.33	ug/L			10/01/25 12:04	1
Bromodichloromethane	<0.10		0.50	0.10	ug/L			10/01/25 12:04	1
Bromoform	<0.34		0.50	0.34	ug/L			10/01/25 12:04	1
Bromomethane	<0.14		0.50	0.14	ug/L			10/01/25 12:04	1
Carbon tetrachloride	<0.46		0.50	0.46	ug/L			10/01/25 12:04	1
Chlorobenzene	<0.28		0.50	0.28	ug/L			10/01/25 12:04	1
Chloroethane	<0.92		1.0	0.92	ug/L			10/01/25 12:04	1
Chloroform	<0.33		1.0	0.33	ug/L			10/01/25 12:04	1
Chloromethane	<0.66		1.0	0.66	ug/L			10/01/25 12:04	1
2-Chlorotoluene	<0.23		0.50	0.23	ug/L			10/01/25 12:04	1
4-Chlorotoluene	<0.28		0.50	0.28	ug/L			10/01/25 12:04	1
cis-1,2-Dichloroethene	<0.37		0.50	0.37	ug/L			10/01/25 12:04	1
cis-1,3-Dichloropropene	<0.21		0.50	0.21	ug/L			10/01/25 12:04	1
Dibromochloromethane	<0.33		0.50	0.33	ug/L			10/01/25 12:04	1
1,2-Dibromo-3-Chloropropane	<0.59		1.0	0.59	ug/L			10/01/25 12:04	1
1,2-Dibromoethane (EDB)	<0.028		0.050	0.028	ug/L			10/01/25 12:04	1
Dibromomethane	<0.33		0.50	0.33	ug/L			10/01/25 12:04	1
1,2-Dichlorobenzene	<0.27		0.50	0.27	ug/L			10/01/25 12:04	1
1,3-Dichlorobenzene	<0.32		0.50	0.32	ug/L			10/01/25 12:04	1
1,4-Dichlorobenzene	<0.31		0.50	0.31	ug/L			10/01/25 12:04	1
Dichlorodifluoromethane	<0.82		1.0	0.82	ug/L			10/01/25 12:04	1
1,1-Dichloroethane	<0.33		0.50	0.33	ug/L			10/01/25 12:04	1
1,2-Dichloroethane	<0.34		0.50	0.34	ug/L			10/01/25 12:04	1
1,1-Dichloroethene	<0.63		1.0	0.63	ug/L			10/01/25 12:04	1
1,2-Dichloropropane	<0.25		0.50	0.25	ug/L			10/01/25 12:04	1
1,3-Dichloropropane	<0.22		0.50	0.22	ug/L			10/01/25 12:04	1
2,2-Dichloropropane	<0.089		0.20	0.089	ug/L			10/01/25 12:04	1
1,1-Dichloropropene	<0.12		0.20	0.12	ug/L			10/01/25 12:04	1
Ethylbenzene	<0.34		0.50	0.34	ug/L			10/01/25 12:04	1
Hexachlorobutadiene	<0.41		0.50	0.41	ug/L			10/01/25 12:04	1
Isopropylbenzene	<0.28		0.50	0.28	ug/L			10/01/25 12:04	1
Isopropyl ether	<0.17		0.20	0.17	ug/L			10/01/25 12:04	1
4-Isopropyltoluene	<0.32		0.50	0.32	ug/L			10/01/25 12:04	1
Methylene Chloride	<0.41		0.50	0.41	ug/L			10/01/25 12:04	1
Methyl tert-butyl ether	<0.22		0.50	0.22	ug/L			10/01/25 12:04	1
Naphthalene	<3.2		5.0	3.2	ug/L			10/01/25 12:04	1
n-Butylbenzene	<0.34		0.50	0.34	ug/L			10/01/25 12:04	1
N-Propylbenzene	<0.32		0.50	0.32	ug/L			10/01/25 12:04	1
sec-Butylbenzene	<0.33		0.50	0.33	ug/L			10/01/25 12:04	1
Styrene	<0.25		0.50	0.25	ug/L			10/01/25 12:04	1
tert-Butylbenzene	<0.33		0.50	0.33	ug/L			10/01/25 12:04	1
1,1,1,2-Tetrachloroethane	<0.40		0.50	0.40	ug/L			10/01/25 12:04	1
1,1,2,2-Tetrachloroethane	<0.48		0.50	0.48	ug/L			10/01/25 12:04	1
Tetrachloroethene	<0.47		0.50	0.47	ug/L			10/01/25 12:04	1
Toluene	<0.32		0.50	0.32	ug/L			10/01/25 12:04	1
trans-1,2-Dichloroethene	<0.38		0.50	0.38	ug/L			10/01/25 12:04	1

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

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

Lab Sample ID: MB 500-836396/8

Matrix: Water

Analysis Batch: 836396

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	<0.028		0.20	0.028	ug/L			10/01/25 12:04	1
trans-1,3-Dichloropropene	<0.028		0.20	0.028	ug/L			10/01/25 12:04	1
1,2,3-Trichlorobenzene	<0.32		0.50	0.32	ug/L			10/01/25 12:04	1
1,2,4-Trichlorobenzene	<0.37		0.50	0.37	ug/L			10/01/25 12:04	1
1,1,1-Trichloroethane	<0.46		0.50	0.46	ug/L			10/01/25 12:04	1
1,1,2-Trichloroethane	<0.32		0.50	0.32	ug/L			10/01/25 12:04	1
Trichloroethene	<0.37		0.50	0.37	ug/L			10/01/25 12:04	1
Trichlorofluoromethane	<0.13		0.50	0.13	ug/L			10/01/25 12:04	1
1,2,3-Trichloropropane	<0.18		0.50	0.18	ug/L			10/01/25 12:04	1
1,2,4-Trimethylbenzene	<0.27		0.50	0.27	ug/L			10/01/25 12:04	1
1,3,5-Trimethylbenzene	<0.31		0.50	0.31	ug/L			10/01/25 12:04	1
Vinyl chloride	<0.012		0.20	0.012	ug/L			10/01/25 12:04	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/01/25 12:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		72 - 124		10/01/25 12:04	1
Dibromofluoromethane (Surr)	106		75 - 120		10/01/25 12:04	1
1,2-Dichloroethane-d4 (Surr)	105		75 - 126		10/01/25 12:04	1
Toluene-d8 (Surr)	102		75 - 120		10/01/25 12:04	1

Lab Sample ID: LCS 500-836396/4

Matrix: Water

Analysis Batch: 836396

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	30.0	30.8		ug/L		103	70 - 120
Bromobenzene	30.0	28.4		ug/L		95	70 - 122
Bromochloromethane	30.0	27.5		ug/L		92	65 - 122
Bromodichloromethane	30.0	29.4		ug/L		98	69 - 120
Bromoform	30.0	29.6		ug/L		99	56 - 132
Bromomethane	30.0	32.3		ug/L		108	40 - 152
Carbon tetrachloride	30.0	38.2		ug/L		127	59 - 133
Chlorobenzene	30.0	29.3		ug/L		98	70 - 120
Chloroethane	30.0	33.3		ug/L		111	48 - 136
Chloroform	30.0	31.9		ug/L		106	70 - 120
Chloromethane	30.0	24.0		ug/L		80	56 - 152
2-Chlorotoluene	30.0	30.9		ug/L		103	70 - 125
4-Chlorotoluene	30.0	30.1		ug/L		100	68 - 124
cis-1,2-Dichloroethene	30.0	29.4		ug/L		98	70 - 125
cis-1,3-Dichloropropene	30.0	33.2		ug/L		111	64 - 127
Dibromochloromethane	30.0	27.2		ug/L		91	68 - 125
1,2-Dibromo-3-Chloropropane	30.0	25.5		ug/L		85	56 - 123
1,2-Dibromoethane (EDB)	30.0	28.5		ug/L		95	70 - 125
Dibromomethane	30.0	26.2		ug/L		87	70 - 120
1,2-Dichlorobenzene	30.0	26.5		ug/L		88	70 - 125
1,3-Dichlorobenzene	30.0	28.9		ug/L		96	70 - 125
1,4-Dichlorobenzene	30.0	28.1		ug/L		94	70 - 120
Dichlorodifluoromethane	30.0	37.8		ug/L		126	40 - 159

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

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

Lab Sample ID: LCS 500-836396/4

Matrix: Water

Analysis Batch: 836396

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	30.0	30.2		ug/L		101	70 - 125
1,2-Dichloroethane	30.0	25.9		ug/L		86	68 - 127
1,1-Dichloroethene	30.0	34.7		ug/L		116	67 - 122
1,2-Dichloropropane	30.0	30.2		ug/L		101	67 - 130
1,3-Dichloropropane	30.0	28.1		ug/L		94	62 - 136
2,2-Dichloropropane	30.0	34.4		ug/L		115	58 - 139
1,1-Dichloropropene	30.0	34.8		ug/L		116	70 - 121
Ethylbenzene	30.0	31.7		ug/L		106	70 - 123
Hexachlorobutadiene	30.0	35.6		ug/L		119	51 - 150
Isopropylbenzene	30.0	32.5		ug/L		108	70 - 126
4-Isopropyltoluene	30.0	32.4		ug/L		108	70 - 125
Methylene Chloride	30.0	27.3		ug/L		91	69 - 125
Methyl tert-butyl ether	30.0	25.6		ug/L		85	55 - 123
Naphthalene	30.0	24.5		ug/L		82	53 - 144
n-Butylbenzene	30.0	32.8		ug/L		109	68 - 125
N-Propylbenzene	30.0	32.8		ug/L		109	69 - 127
sec-Butylbenzene	30.0	32.5		ug/L		108	70 - 123
Styrene	30.0	29.4		ug/L		98	70 - 120
tert-Butylbenzene	30.0	32.7		ug/L		109	70 - 121
1,1,1,2-Tetrachloroethane	30.0	31.5		ug/L		105	70 - 125
1,1,2,2-Tetrachloroethane	30.0	24.2		ug/L		81	62 - 140
Tetrachloroethene	30.0	33.8		ug/L		113	70 - 128
Toluene	30.0	29.5		ug/L		98	70 - 125
trans-1,2-Dichloroethene	30.0	32.5		ug/L		108	70 - 125
trans-1,3-Dichloropropene	30.0	30.1		ug/L		100	62 - 128
1,2,3-Trichlorobenzene	30.0	26.8		ug/L		89	51 - 145
1,2,4-Trichlorobenzene	30.0	27.9		ug/L		93	57 - 137
1,1,1-Trichloroethane	30.0	34.1		ug/L		114	70 - 125
1,1,2-Trichloroethane	30.0	27.3		ug/L		91	71 - 130
Trichloroethene	30.0	32.5		ug/L		108	70 - 125
Trichlorofluoromethane	30.0	30.7		ug/L		102	55 - 128
1,2,3-Trichloropropane	30.0	24.8		ug/L		83	50 - 133
1,2,4-Trimethylbenzene	30.0	31.1		ug/L		104	70 - 123
1,3,5-Trimethylbenzene	30.0	32.3		ug/L		108	70 - 123
Vinyl chloride	30.0	28.6		ug/L		95	64 - 126
Xylenes, Total	60.0	60.6		ug/L		101	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		72 - 124
Dibromofluoromethane (Surr)	95		75 - 120
1,2-Dichloroethane-d4 (Surr)	86		75 - 126
Toluene-d8 (Surr)	101		75 - 120

QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

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

Lab Sample ID: LCSD 500-836396/5

Matrix: Water

Analysis Batch: 836396

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	30.0	31.6		ug/L		105	70 - 120	2	20
Bromobenzene	30.0	29.0		ug/L		97	70 - 122	2	20
Bromochloromethane	30.0	27.3		ug/L		91	65 - 122	1	20
Bromodichloromethane	30.0	29.4		ug/L		98	69 - 120	0	20
Bromoform	30.0	30.1		ug/L		100	56 - 132	1	20
Bromomethane	30.0	34.8		ug/L		116	40 - 152	7	20
Carbon tetrachloride	30.0	39.0		ug/L		130	59 - 133	2	20
Chlorobenzene	30.0	30.1		ug/L		100	70 - 120	3	20
Chloroethane	30.0	34.7		ug/L		116	48 - 136	4	20
Chloroform	30.0	32.4		ug/L		108	70 - 120	2	20
Chloromethane	30.0	29.4		ug/L		98	56 - 152	20	20
2-Chlorotoluene	30.0	32.2		ug/L		107	70 - 125	4	20
4-Chlorotoluene	30.0	31.5		ug/L		105	68 - 124	5	20
cis-1,2-Dichloroethene	30.0	30.0		ug/L		100	70 - 125	2	20
cis-1,3-Dichloropropene	30.0	34.3		ug/L		114	64 - 127	3	20
Dibromochloromethane	30.0	27.5		ug/L		92	68 - 125	1	20
1,2-Dibromo-3-Chloropropane	30.0	25.3		ug/L		84	56 - 123	1	20
1,2-Dibromoethane (EDB)	30.0	28.9		ug/L		96	70 - 125	1	20
Dibromomethane	30.0	25.8		ug/L		86	70 - 120	2	20
1,2-Dichlorobenzene	30.0	27.4		ug/L		91	70 - 125	4	20
1,3-Dichlorobenzene	30.0	29.7		ug/L		99	70 - 125	3	20
1,4-Dichlorobenzene	30.0	29.0		ug/L		97	70 - 120	3	20
Dichlorodifluoromethane	30.0	39.4		ug/L		131	40 - 159	4	20
1,1-Dichloroethane	30.0	31.0		ug/L		103	70 - 125	2	20
1,2-Dichloroethane	30.0	26.3		ug/L		88	68 - 127	1	20
1,1-Dichloroethene	30.0	35.6		ug/L		119	67 - 122	2	20
1,2-Dichloropropane	30.0	30.5		ug/L		102	67 - 130	1	20
1,3-Dichloropropane	30.0	28.7		ug/L		96	62 - 136	2	20
2,2-Dichloropropane	30.0	35.0		ug/L		117	58 - 139	2	20
1,1-Dichloropropene	30.0	35.8		ug/L		119	70 - 121	3	20
Ethylbenzene	30.0	33.1		ug/L		110	70 - 123	4	20
Hexachlorobutadiene	30.0	36.3		ug/L		121	51 - 150	2	20
Isopropylbenzene	30.0	34.0		ug/L		113	70 - 126	5	20
4-Isopropyltoluene	30.0	33.8		ug/L		113	70 - 125	4	20
Methylene Chloride	30.0	27.5		ug/L		92	69 - 125	1	20
Methyl tert-butyl ether	30.0	25.9		ug/L		86	55 - 123	1	20
Naphthalene	30.0	24.6		ug/L		82	53 - 144	0	20
n-Butylbenzene	30.0	34.4		ug/L		115	68 - 125	5	20
N-Propylbenzene	30.0	34.3		ug/L		114	69 - 127	4	20
sec-Butylbenzene	30.0	34.2		ug/L		114	70 - 123	5	20
Styrene	30.0	30.5		ug/L		102	70 - 120	4	20
tert-Butylbenzene	30.0	33.9		ug/L		113	70 - 121	4	20
1,1,1,2-Tetrachloroethane	30.0	32.5		ug/L		108	70 - 125	3	20
1,1,2,2-Tetrachloroethane	30.0	24.7		ug/L		82	62 - 140	2	20
Tetrachloroethene	30.0	35.4		ug/L		118	70 - 128	5	20
Toluene	30.0	30.9		ug/L		103	70 - 125	5	20
trans-1,2-Dichloroethene	30.0	33.4		ug/L		111	70 - 125	3	20
trans-1,3-Dichloropropene	30.0	31.2		ug/L		104	62 - 128	3	20

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

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

Lab Sample ID: LCSD 500-836396/5

Matrix: Water

Analysis Batch: 836396

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,3-Trichlorobenzene	30.0	27.1		ug/L		90	51 - 145	1	20
1,2,4-Trichlorobenzene	30.0	28.3		ug/L		94	57 - 137	2	20
1,1,1-Trichloroethane	30.0	34.9		ug/L		116	70 - 125	2	20
1,1,2-Trichloroethane	30.0	27.9		ug/L		93	71 - 130	2	20
Trichloroethene	30.0	33.1		ug/L		110	70 - 125	2	20
Trichlorofluoromethane	30.0	32.1		ug/L		107	55 - 128	5	20
1,2,3-Trichloropropane	30.0	25.0		ug/L		83	50 - 133	1	20
1,2,4-Trimethylbenzene	30.0	32.4		ug/L		108	70 - 123	4	20
1,3,5-Trimethylbenzene	30.0	33.5		ug/L		112	70 - 123	4	20
Vinyl chloride	30.0	30.1		ug/L		100	64 - 126	5	20
Xylenes, Total	60.0	63.1		ug/L		105	70 - 125	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		72 - 124
Dibromofluoromethane (Surr)	94		75 - 120
1,2-Dichloroethane-d4 (Surr)	86		75 - 126
Toluene-d8 (Surr)	102		75 - 120

Lab Sample ID: MB 500-836692/19

Matrix: Water

Analysis Batch: 836692

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.30		0.50	0.30	ug/L			10/03/25 18:26	1
Bromobenzene	<0.25		0.50	0.25	ug/L			10/03/25 18:26	1
Bromochloromethane	<0.33		0.50	0.33	ug/L			10/03/25 18:26	1
Bromodichloromethane	<0.10		0.50	0.10	ug/L			10/03/25 18:26	1
Bromoform	<0.34		0.50	0.34	ug/L			10/03/25 18:26	1
Bromomethane	<0.14		0.50	0.14	ug/L			10/03/25 18:26	1
Carbon tetrachloride	<0.46		0.50	0.46	ug/L			10/03/25 18:26	1
Chlorobenzene	<0.28		0.50	0.28	ug/L			10/03/25 18:26	1
Chloroethane	<0.92		1.0	0.92	ug/L			10/03/25 18:26	1
Chloroform	<0.33		1.0	0.33	ug/L			10/03/25 18:26	1
Chloromethane	<0.66		1.0	0.66	ug/L			10/03/25 18:26	1
2-Chlorotoluene	<0.23		0.50	0.23	ug/L			10/03/25 18:26	1
4-Chlorotoluene	<0.28		0.50	0.28	ug/L			10/03/25 18:26	1
cis-1,2-Dichloroethene	<0.37		0.50	0.37	ug/L			10/03/25 18:26	1
cis-1,3-Dichloropropene	<0.21		0.50	0.21	ug/L			10/03/25 18:26	1
Dibromochloromethane	<0.33		0.50	0.33	ug/L			10/03/25 18:26	1
1,2-Dibromo-3-Chloropropane	<0.59		1.0	0.59	ug/L			10/03/25 18:26	1
1,2-Dibromoethane (EDB)	<0.028		0.050	0.028	ug/L			10/03/25 18:26	1
Dibromomethane	<0.33		0.50	0.33	ug/L			10/03/25 18:26	1
1,2-Dichlorobenzene	<0.27		0.50	0.27	ug/L			10/03/25 18:26	1
1,3-Dichlorobenzene	<0.32		0.50	0.32	ug/L			10/03/25 18:26	1
1,4-Dichlorobenzene	<0.31		0.50	0.31	ug/L			10/03/25 18:26	1
Dichlorodifluoromethane	<0.82		1.0	0.82	ug/L			10/03/25 18:26	1
1,1-Dichloroethane	<0.33		0.50	0.33	ug/L			10/03/25 18:26	1
1,2-Dichloroethane	<0.34		0.50	0.34	ug/L			10/03/25 18:26	1

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

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

Lab Sample ID: MB 500-836692/19

Matrix: Water

Analysis Batch: 836692

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	<0.63		1.0	0.63	ug/L			10/03/25 18:26	1
1,1-Dichloroethene	<0.63		1.0	0.63	ug/L			10/03/25 18:26	1
1,2-Dichloropropane	<0.25		0.50	0.25	ug/L			10/03/25 18:26	1
1,3-Dichloropropane	<0.22		0.50	0.22	ug/L			10/03/25 18:26	1
2,2-Dichloropropane	<0.089		0.20	0.089	ug/L			10/03/25 18:26	1
1,1-Dichloropropene	<0.12		0.20	0.12	ug/L			10/03/25 18:26	1
Ethylbenzene	<0.34		0.50	0.34	ug/L			10/03/25 18:26	1
Hexachlorobutadiene	<0.41		0.50	0.41	ug/L			10/03/25 18:26	1
Isopropylbenzene	<0.28		0.50	0.28	ug/L			10/03/25 18:26	1
Isopropyl ether	<0.17		0.20	0.17	ug/L			10/03/25 18:26	1
4-Isopropyltoluene	<0.32		0.50	0.32	ug/L			10/03/25 18:26	1
Methylene Chloride	<0.41		0.50	0.41	ug/L			10/03/25 18:26	1
Methyl tert-butyl ether	<0.22		0.50	0.22	ug/L			10/03/25 18:26	1
Naphthalene	<3.2		5.0	3.2	ug/L			10/03/25 18:26	1
n-Butylbenzene	<0.34		0.50	0.34	ug/L			10/03/25 18:26	1
N-Propylbenzene	<0.32		0.50	0.32	ug/L			10/03/25 18:26	1
sec-Butylbenzene	<0.33		0.50	0.33	ug/L			10/03/25 18:26	1
Styrene	<0.25		0.50	0.25	ug/L			10/03/25 18:26	1
tert-Butylbenzene	<0.33		0.50	0.33	ug/L			10/03/25 18:26	1
1,1,1,2-Tetrachloroethane	<0.40		0.50	0.40	ug/L			10/03/25 18:26	1
1,1,2,2-Tetrachloroethane	<0.48		0.50	0.48	ug/L			10/03/25 18:26	1
Tetrachloroethene	<0.47		0.50	0.47	ug/L			10/03/25 18:26	1
Toluene	<0.32		0.50	0.32	ug/L			10/03/25 18:26	1
trans-1,2-Dichloroethene	<0.38		0.50	0.38	ug/L			10/03/25 18:26	1
trans-1,3-Dichloropropene	<0.028		0.20	0.028	ug/L			10/03/25 18:26	1
1,2,3-Trichlorobenzene	<0.32		0.50	0.32	ug/L			10/03/25 18:26	1
1,2,4-Trichlorobenzene	<0.37		0.50	0.37	ug/L			10/03/25 18:26	1
1,1,1-Trichloroethane	<0.46		0.50	0.46	ug/L			10/03/25 18:26	1
1,1,2-Trichloroethane	<0.32		0.50	0.32	ug/L			10/03/25 18:26	1
Trichloroethene	<0.37		0.50	0.37	ug/L			10/03/25 18:26	1
Trichlorofluoromethane	<0.13		0.50	0.13	ug/L			10/03/25 18:26	1
1,2,3-Trichloropropane	<0.18		0.50	0.18	ug/L			10/03/25 18:26	1
1,2,4-Trimethylbenzene	<0.27		0.50	0.27	ug/L			10/03/25 18:26	1
1,3,5-Trimethylbenzene	<0.31		0.50	0.31	ug/L			10/03/25 18:26	1
Vinyl chloride	<0.012		0.20	0.012	ug/L			10/03/25 18:26	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/03/25 18:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		72 - 124		10/03/25 18:26	1
Dibromofluoromethane (Surr)	104		75 - 120		10/03/25 18:26	1
1,2-Dichloroethane-d4 (Surr)	99		75 - 126		10/03/25 18:26	1
Toluene-d8 (Surr)	101		75 - 120		10/03/25 18:26	1

QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

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

Lab Sample ID: LCS 500-836692/16

Matrix: Water

Analysis Batch: 836692

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	30.0	27.5		ug/L		92	70 - 120
Bromobenzene	30.0	25.1		ug/L		84	70 - 122
Bromochloromethane	30.0	24.5		ug/L		82	65 - 122
Bromodichloromethane	30.0	24.5		ug/L		82	69 - 120
Bromoform	30.0	26.1		ug/L		87	56 - 132
Bromomethane	30.0	26.5		ug/L		88	40 - 152
Carbon tetrachloride	30.0	26.8		ug/L		89	59 - 133
Chlorobenzene	30.0	26.4		ug/L		88	70 - 120
Chloroethane	30.0	26.8		ug/L		89	48 - 136
Chloroform	30.0	24.9		ug/L		83	70 - 120
Chloromethane	30.0	25.6		ug/L		85	56 - 152
2-Chlorotoluene	30.0	26.6		ug/L		89	70 - 125
4-Chlorotoluene	30.0	26.3		ug/L		88	68 - 124
cis-1,2-Dichloroethene	30.0	25.5		ug/L		85	70 - 125
cis-1,3-Dichloropropene	30.0	28.7		ug/L		96	64 - 127
Dibromochloromethane	30.0	28.2		ug/L		94	68 - 125
1,2-Dibromo-3-Chloropropane	30.0	24.9		ug/L		83	56 - 123
1,2-Dibromoethane (EDB)	30.0	26.2		ug/L		87	70 - 125
Dibromomethane	30.0	24.6		ug/L		82	70 - 120
1,2-Dichlorobenzene	30.0	26.9		ug/L		90	70 - 125
1,3-Dichlorobenzene	30.0	26.6		ug/L		89	70 - 125
1,4-Dichlorobenzene	30.0	26.4		ug/L		88	70 - 120
Dichlorodifluoromethane	30.0	26.1		ug/L		87	40 - 159
1,1-Dichloroethane	30.0	25.2		ug/L		84	70 - 125
1,2-Dichloroethane	30.0	25.6		ug/L		85	68 - 127
1,1-Dichloroethene	30.0	25.8		ug/L		86	67 - 122
1,2-Dichloropropane	30.0	28.9		ug/L		96	67 - 130
1,3-Dichloropropane	30.0	28.4		ug/L		95	62 - 136
2,2-Dichloropropane	30.0	29.5		ug/L		98	58 - 139
1,1,1-Dichloropropane	30.0	27.3		ug/L		91	70 - 121
Ethylbenzene	30.0	28.6		ug/L		95	70 - 123
Hexachlorobutadiene	30.0	29.9		ug/L		100	51 - 150
Isopropylbenzene	30.0	27.4		ug/L		91	70 - 126
4-Isopropyltoluene	30.0	27.4		ug/L		91	70 - 125
Methylene Chloride	30.0	25.0		ug/L		83	69 - 125
Methyl tert-butyl ether	30.0	25.1		ug/L		84	55 - 123
Naphthalene	30.0	24.5		ug/L		82	53 - 144
n-Butylbenzene	30.0	30.1		ug/L		100	68 - 125
N-Propylbenzene	30.0	28.3		ug/L		94	69 - 127
sec-Butylbenzene	30.0	29.4		ug/L		98	70 - 123
Styrene	30.0	26.2		ug/L		87	70 - 120
tert-Butylbenzene	30.0	26.6		ug/L		89	70 - 121
1,1,1,2-Tetrachloroethane	30.0	26.2		ug/L		87	70 - 125
1,1,2,2-Tetrachloroethane	30.0	25.2		ug/L		84	62 - 140
Tetrachloroethene	30.0	29.6		ug/L		99	70 - 128
Toluene	30.0	26.5		ug/L		88	70 - 125
trans-1,2-Dichloroethene	30.0	25.7		ug/L		86	70 - 125
trans-1,3-Dichloropropene	30.0	26.9		ug/L		90	62 - 128

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

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

Lab Sample ID: LCS 500-836692/16

Matrix: Water

Analysis Batch: 836692

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,3-Trichlorobenzene	30.0	24.6		ug/L		82	51 - 145
1,2,4-Trichlorobenzene	30.0	26.5		ug/L		88	57 - 137
1,1,1-Trichloroethane	30.0	27.6		ug/L		92	70 - 125
1,1,2-Trichloroethane	30.0	26.5		ug/L		88	71 - 130
Trichloroethene	30.0	28.5		ug/L		95	70 - 125
Trichlorofluoromethane	30.0	26.0		ug/L		87	55 - 128
1,2,3-Trichloropropane	30.0	22.5		ug/L		75	50 - 133
1,2,4-Trimethylbenzene	30.0	28.6		ug/L		95	70 - 123
1,3,5-Trimethylbenzene	30.0	26.5		ug/L		88	70 - 123
Vinyl chloride	30.0	27.2		ug/L		91	64 - 126
Xylenes, Total	60.0	54.6		ug/L		91	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		72 - 124
Dibromofluoromethane (Surr)	93		75 - 120
1,2-Dichloroethane-d4 (Surr)	97		75 - 126
Toluene-d8 (Surr)	100		75 - 120

Lab Sample ID: LCSD 500-836692/17

Matrix: Water

Analysis Batch: 836692

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	30.0	35.8	*	ug/L		119	70 - 120	26	20
Bromobenzene	30.0	32.5	*	ug/L		108	70 - 122	26	20
Bromochloromethane	30.0	31.1	*	ug/L		104	65 - 122	24	20
Bromodichloromethane	30.0	32.0	*	ug/L		107	69 - 120	26	20
Bromoform	30.0	33.0	*	ug/L		110	56 - 132	23	20
Bromomethane	30.0	34.6	*	ug/L		115	40 - 152	27	20
Carbon tetrachloride	30.0	34.2	*	ug/L		114	59 - 133	24	20
Chlorobenzene	30.0	34.6	*	ug/L		115	70 - 120	27	20
Chloroethane	30.0	35.4	*	ug/L		118	48 - 136	28	20
Chloroform	30.0	32.2	*	ug/L		107	70 - 120	26	20
Chloromethane	30.0	32.6	*	ug/L		109	56 - 152	24	20
2-Chlorotoluene	30.0	34.9	*	ug/L		116	70 - 125	27	20
4-Chlorotoluene	30.0	33.5	*	ug/L		112	68 - 124	24	20
cis-1,2-Dichloroethene	30.0	33.8	*	ug/L		113	70 - 125	28	20
cis-1,3-Dichloropropene	30.0	37.0	*	ug/L		123	64 - 127	25	20
Dibromochloromethane	30.0	37.2	*	ug/L		124	68 - 125	28	20
1,2-Dibromo-3-Chloropropane	30.0	31.7	*	ug/L		106	56 - 123	24	20
1,2-Dibromoethane (EDB)	30.0	33.6	*	ug/L		112	70 - 125	25	20
Dibromomethane	30.0	31.6	*	ug/L		105	70 - 120	25	20
1,2-Dichlorobenzene	30.0	35.6	*	ug/L		119	70 - 125	28	20
1,3-Dichlorobenzene	30.0	35.5	*	ug/L		118	70 - 125	29	20
1,4-Dichlorobenzene	30.0	34.9	*	ug/L		116	70 - 120	28	20
Dichlorodifluoromethane	30.0	34.2	*	ug/L		114	40 - 159	27	20
1,1-Dichloroethane	30.0	32.1	*	ug/L		107	70 - 125	24	20
1,2-Dichloroethane	30.0	32.9	*	ug/L		110	68 - 127	25	20

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

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

Lab Sample ID: LCSD 500-836692/17

Matrix: Water

Analysis Batch: 836692

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1-Dichloroethene	30.0	34.0	*	ug/L		113	67 - 122	28	20
1,2-Dichloropropane	30.0	37.4	*	ug/L		125	67 - 130	26	20
1,3-Dichloropropane	30.0	37.1	*	ug/L		124	62 - 136	27	20
2,2-Dichloropropane	30.0	38.7	*	ug/L		129	58 - 139	27	20
1,1-Dichloropropene	30.0	34.7	*	ug/L		116	70 - 121	24	20
Ethylbenzene	30.0	37.8	*	ug/L		126	70 - 123	28	20
Hexachlorobutadiene	30.0	40.1	*	ug/L		134	51 - 150	29	20
Isopropylbenzene	30.0	36.4	*	ug/L		121	70 - 126	28	20
4-Isopropyltoluene	30.0	35.0	*	ug/L		117	70 - 125	25	20
Methylene Chloride	30.0	32.0	*	ug/L		107	69 - 125	25	20
Methyl tert-butyl ether	30.0	31.9	*	ug/L		106	55 - 123	24	20
Naphthalene	30.0	31.2	*	ug/L		104	53 - 144	24	20
n-Butylbenzene	30.0	39.9	*	ug/L		133	68 - 125	28	20
N-Propylbenzene	30.0	37.8	*	ug/L		126	69 - 127	29	20
sec-Butylbenzene	30.0	39.8	*	ug/L		133	70 - 123	30	20
Styrene	30.0	33.4	*	ug/L		111	70 - 120	24	20
tert-Butylbenzene	30.0	34.4	*	ug/L		115	70 - 121	25	20
1,1,1,2-Tetrachloroethane	30.0	33.1	*	ug/L		110	70 - 125	23	20
1,1,2,2-Tetrachloroethane	30.0	33.5	*	ug/L		112	62 - 140	28	20
Tetrachloroethene	30.0	38.5	*	ug/L		128	70 - 128	26	20
Toluene	30.0	34.1	*	ug/L		114	70 - 125	25	20
trans-1,2-Dichloroethene	30.0	33.8	*	ug/L		113	70 - 125	27	20
trans-1,3-Dichloropropene	30.0	34.0	*	ug/L		113	62 - 128	23	20
1,2,3-Trichlorobenzene	30.0	31.8	*	ug/L		106	51 - 145	25	20
1,2,4-Trichlorobenzene	30.0	34.5	*	ug/L		115	57 - 137	26	20
1,1,1-Trichloroethane	30.0	36.0	*	ug/L		120	70 - 125	26	20
1,1,2-Trichloroethane	30.0	33.7	*	ug/L		112	71 - 130	24	20
Trichloroethene	30.0	38.1	*	ug/L		127	70 - 125	29	20
Trichlorofluoromethane	30.0	35.4	*	ug/L		118	55 - 128	31	20
1,2,3-Trichloropropane	30.0	29.5	*	ug/L		98	50 - 133	27	20
1,2,4-Trimethylbenzene	30.0	38.3	*	ug/L		128	70 - 123	29	20
1,3,5-Trimethylbenzene	30.0	34.0	*	ug/L		113	70 - 123	25	20
Vinyl chloride	30.0	35.2	*	ug/L		117	64 - 126	26	20
Xylenes, Total	60.0	71.0	*	ug/L		118	70 - 125	26	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		72 - 124
Dibromofluoromethane (Surr)	95		75 - 120
1,2-Dichloroethane-d4 (Surr)	101		75 - 126
Toluene-d8 (Surr)	101		75 - 120

Lab Sample ID: MB 500-836943/16

Matrix: Water

Analysis Batch: 836943

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.30		0.50	0.30	ug/L			10/06/25 16:26	1
Bromobenzene	<0.25		0.50	0.25	ug/L			10/06/25 16:26	1

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

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

Lab Sample ID: MB 500-836943/16

Matrix: Water

Analysis Batch: 836943

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
Bromochloromethane	<0.33		0.50	0.33	ug/L			10/06/25 16:26	1
Bromochloromethane	<0.33		0.50	0.33	ug/L			10/06/25 16:26	1
Bromodichloromethane	<0.10		0.50	0.10	ug/L			10/06/25 16:26	1
Bromoform	<0.34		0.50	0.34	ug/L			10/06/25 16:26	1
Bromomethane	<0.14		0.50	0.14	ug/L			10/06/25 16:26	1
Carbon tetrachloride	<0.46		0.50	0.46	ug/L			10/06/25 16:26	1
Chlorobenzene	<0.28		0.50	0.28	ug/L			10/06/25 16:26	1
Chloroethane	<0.92		1.0	0.92	ug/L			10/06/25 16:26	1
Chloroform	<0.33		1.0	0.33	ug/L			10/06/25 16:26	1
Chloromethane	<0.66		1.0	0.66	ug/L			10/06/25 16:26	1
2-Chlorotoluene	<0.23		0.50	0.23	ug/L			10/06/25 16:26	1
4-Chlorotoluene	<0.28		0.50	0.28	ug/L			10/06/25 16:26	1
cis-1,2-Dichloroethene	<0.37		0.50	0.37	ug/L			10/06/25 16:26	1
cis-1,3-Dichloropropene	<0.21		0.50	0.21	ug/L			10/06/25 16:26	1
Dibromochloromethane	<0.33		0.50	0.33	ug/L			10/06/25 16:26	1
1,2-Dibromo-3-Chloropropane	<0.59		1.0	0.59	ug/L			10/06/25 16:26	1
1,2-Dibromoethane (EDB)	<0.028		0.050	0.028	ug/L			10/06/25 16:26	1
Dibromomethane	<0.33		0.50	0.33	ug/L			10/06/25 16:26	1
1,2-Dichlorobenzene	<0.27		0.50	0.27	ug/L			10/06/25 16:26	1
1,3-Dichlorobenzene	<0.32		0.50	0.32	ug/L			10/06/25 16:26	1
1,4-Dichlorobenzene	<0.31		0.50	0.31	ug/L			10/06/25 16:26	1
Dichlorodifluoromethane	<0.82		1.0	0.82	ug/L			10/06/25 16:26	1
1,1-Dichloroethane	<0.33		0.50	0.33	ug/L			10/06/25 16:26	1
1,2-Dichloroethane	<0.34		0.50	0.34	ug/L			10/06/25 16:26	1
1,1-Dichloroethene	<0.63		1.0	0.63	ug/L			10/06/25 16:26	1
1,2-Dichloropropane	<0.25		0.50	0.25	ug/L			10/06/25 16:26	1
1,3-Dichloropropane	<0.22		0.50	0.22	ug/L			10/06/25 16:26	1
2,2-Dichloropropane	<0.089		0.20	0.089	ug/L			10/06/25 16:26	1
1,1-Dichloropropene	<0.12		0.20	0.12	ug/L			10/06/25 16:26	1
Ethylbenzene	<0.34		0.50	0.34	ug/L			10/06/25 16:26	1
Hexachlorobutadiene	<0.41		0.50	0.41	ug/L			10/06/25 16:26	1
Isopropylbenzene	<0.28		0.50	0.28	ug/L			10/06/25 16:26	1
Isopropyl ether	<0.17		0.20	0.17	ug/L			10/06/25 16:26	1
4-Isopropyltoluene	<0.32		0.50	0.32	ug/L			10/06/25 16:26	1
Methylene Chloride	<0.41		0.50	0.41	ug/L			10/06/25 16:26	1
Methyl tert-butyl ether	<0.22		0.50	0.22	ug/L			10/06/25 16:26	1
Naphthalene	<3.2		5.0	3.2	ug/L			10/06/25 16:26	1
n-Butylbenzene	<0.34		0.50	0.34	ug/L			10/06/25 16:26	1
N-Propylbenzene	<0.32		0.50	0.32	ug/L			10/06/25 16:26	1
sec-Butylbenzene	<0.33		0.50	0.33	ug/L			10/06/25 16:26	1
Styrene	<0.25		0.50	0.25	ug/L			10/06/25 16:26	1
tert-Butylbenzene	<0.33		0.50	0.33	ug/L			10/06/25 16:26	1
1,1,1,2-Tetrachloroethane	<0.40		0.50	0.40	ug/L			10/06/25 16:26	1
1,1,2,2-Tetrachloroethane	<0.48		0.50	0.48	ug/L			10/06/25 16:26	1
Tetrachloroethene	<0.47		0.50	0.47	ug/L			10/06/25 16:26	1
Toluene	<0.32		0.50	0.32	ug/L			10/06/25 16:26	1
trans-1,2-Dichloroethene	<0.38		0.50	0.38	ug/L			10/06/25 16:26	1
trans-1,3-Dichloropropene	<0.028		0.20	0.028	ug/L			10/06/25 16:26	1
1,2,3-Trichlorobenzene	<0.32		0.50	0.32	ug/L			10/06/25 16:26	1

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

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

Lab Sample ID: MB 500-836943/16

Matrix: Water

Analysis Batch: 836943

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	<0.37		0.50	0.37	ug/L			10/06/25 16:26	1
1,2,4-Trichlorobenzene	<0.37		0.50	0.37	ug/L			10/06/25 16:26	1
1,1,1-Trichloroethane	<0.46		0.50	0.46	ug/L			10/06/25 16:26	1
1,1,2-Trichloroethane	<0.32		0.50	0.32	ug/L			10/06/25 16:26	1
Trichloroethene	<0.37		0.50	0.37	ug/L			10/06/25 16:26	1
Trichlorofluoromethane	<0.13		0.50	0.13	ug/L			10/06/25 16:26	1
1,2,3-Trichloropropane	<0.18		0.50	0.18	ug/L			10/06/25 16:26	1
1,2,4-Trimethylbenzene	<0.27		0.50	0.27	ug/L			10/06/25 16:26	1
1,3,5-Trimethylbenzene	<0.31		0.50	0.31	ug/L			10/06/25 16:26	1
Vinyl chloride	<0.012		0.20	0.012	ug/L			10/06/25 16:26	1
Xylenes, Total	<0.30		1.0	0.30	ug/L			10/06/25 16:26	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		72 - 124		10/06/25 16:26	1
Dibromofluoromethane (Surr)	104		75 - 120		10/06/25 16:26	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 126		10/06/25 16:26	1
Toluene-d8 (Surr)	102		75 - 120		10/06/25 16:26	1

Lab Sample ID: LCS 500-836943/13

Matrix: Water

Analysis Batch: 836943

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	30.0	28.8		ug/L		96	70 - 120
Bromobenzene	30.0	26.1		ug/L		87	70 - 122
Bromochloromethane	30.0	26.4		ug/L		88	65 - 122
Bromodichloromethane	30.0	25.5		ug/L		85	69 - 120
Bromoform	30.0	27.8		ug/L		93	56 - 132
Bromomethane	30.0	25.6		ug/L		85	40 - 152
Carbon tetrachloride	30.0	28.3		ug/L		94	59 - 133
Chlorobenzene	30.0	28.3		ug/L		94	70 - 120
Chloroethane	30.0	26.1		ug/L		87	48 - 136
Chloroform	30.0	26.7		ug/L		89	70 - 120
Chloromethane	30.0	24.6		ug/L		82	56 - 152
2-Chlorotoluene	30.0	26.5		ug/L		88	70 - 125
4-Chlorotoluene	30.0	26.5		ug/L		88	68 - 124
cis-1,2-Dichloroethene	30.0	27.0		ug/L		90	70 - 125
cis-1,3-Dichloropropene	30.0	28.2		ug/L		94	64 - 127
Dibromochloromethane	30.0	30.3		ug/L		101	68 - 125
1,2-Dibromo-3-Chloropropane	30.0	27.5		ug/L		92	56 - 123
1,2-Dibromoethane (EDB)	30.0	27.2		ug/L		91	70 - 125
Dibromomethane	30.0	25.9		ug/L		86	70 - 120
1,2-Dichlorobenzene	30.0	28.1		ug/L		94	70 - 125
1,3-Dichlorobenzene	30.0	28.0		ug/L		93	70 - 125
1,4-Dichlorobenzene	30.0	27.5		ug/L		92	70 - 120
Dichlorodifluoromethane	30.0	25.6		ug/L		85	40 - 159
1,1-Dichloroethane	30.0	26.0		ug/L		87	70 - 125
1,2-Dichloroethane	30.0	26.1		ug/L		87	68 - 127

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

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

Lab Sample ID: LCS 500-836943/13

Matrix: Water

Analysis Batch: 836943

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	30.0	28.6		ug/L		95	67 - 122
1,2-Dichloropropane	30.0	29.3		ug/L		98	67 - 130
1,3-Dichloropropane	30.0	29.0		ug/L		97	62 - 136
2,2-Dichloropropane	30.0	30.0		ug/L		100	58 - 139
1,1-Dichloropropene	30.0	28.0		ug/L		93	70 - 121
Ethylbenzene	30.0	29.4		ug/L		98	70 - 123
Hexachlorobutadiene	30.0	31.0		ug/L		103	51 - 150
Isopropylbenzene	30.0	27.7		ug/L		92	70 - 126
4-Isopropyltoluene	30.0	27.8		ug/L		93	70 - 125
Methylene Chloride	30.0	27.6		ug/L		92	69 - 125
Methyl tert-butyl ether	30.0	26.4		ug/L		88	55 - 123
Naphthalene	30.0	26.7		ug/L		89	53 - 144
n-Butylbenzene	30.0	30.1		ug/L		100	68 - 125
N-Propylbenzene	30.0	28.2		ug/L		94	69 - 127
sec-Butylbenzene	30.0	29.6		ug/L		99	70 - 123
Styrene	30.0	27.4		ug/L		91	70 - 120
tert-Butylbenzene	30.0	27.2		ug/L		91	70 - 121
1,1,1,2-Tetrachloroethane	30.0	27.8		ug/L		93	70 - 125
1,1,2,2-Tetrachloroethane	30.0	25.5		ug/L		85	62 - 140
Tetrachloroethene	30.0	32.2		ug/L		107	70 - 128
Toluene	30.0	27.8		ug/L		93	70 - 125
trans-1,2-Dichloroethene	30.0	27.3		ug/L		91	70 - 125
trans-1,3-Dichloropropene	30.0	27.3		ug/L		91	62 - 128
1,2,3-Trichlorobenzene	30.0	26.7		ug/L		89	51 - 145
1,2,4-Trichlorobenzene	30.0	28.5		ug/L		95	57 - 137
1,1,1-Trichloroethane	30.0	29.1		ug/L		97	70 - 125
1,1,2-Trichloroethane	30.0	27.2		ug/L		91	71 - 130
Trichloroethene	30.0	30.8		ug/L		103	70 - 125
Trichlorofluoromethane	30.0	27.0		ug/L		90	55 - 128
1,2,3-Trichloropropane	30.0	23.4		ug/L		78	50 - 133
1,2,4-Trimethylbenzene	30.0	28.8		ug/L		96	70 - 123
1,3,5-Trimethylbenzene	30.0	26.9		ug/L		90	70 - 123
Vinyl chloride	30.0	27.2		ug/L		91	64 - 126
Xylenes, Total	60.0	56.5		ug/L		94	70 - 125

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		72 - 124
Dibromofluoromethane (Surr)	96		75 - 120
1,2-Dichloroethane-d4 (Surr)	97		75 - 126
Toluene-d8 (Surr)	100		75 - 120

Lab Sample ID: LCSD 500-836943/14

Matrix: Water

Analysis Batch: 836943

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	30.0	30.7		ug/L		102	70 - 120	7	20
Bromobenzene	30.0	28.4		ug/L		95	70 - 122	8	20

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

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

Lab Sample ID: LCSD 500-836943/14

Matrix: Water

Analysis Batch: 836943

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromochloromethane	30.0	28.2		ug/L		94	65 - 122	7	20
Bromodichloromethane	30.0	26.9		ug/L		90	69 - 120	5	20
Bromoform	30.0	28.7		ug/L		96	56 - 132	3	20
Bromomethane	30.0	25.6		ug/L		85	40 - 152	0	20
Carbon tetrachloride	30.0	30.7		ug/L		102	59 - 133	8	20
Chlorobenzene	30.0	30.6		ug/L		102	70 - 120	8	20
Chloroethane	30.0	28.2		ug/L		94	48 - 136	8	20
Chloroform	30.0	28.0		ug/L		93	70 - 120	5	20
Chloromethane	30.0	27.2		ug/L		91	56 - 152	10	20
2-Chlorotoluene	30.0	29.7		ug/L		99	70 - 125	11	20
4-Chlorotoluene	30.0	28.9		ug/L		96	68 - 124	9	20
cis-1,2-Dichloroethene	30.0	29.3		ug/L		98	70 - 125	8	20
cis-1,3-Dichloropropene	30.0	31.3		ug/L		104	64 - 127	11	20
Dibromochloromethane	30.0	31.8		ug/L		106	68 - 125	5	20
1,2-Dibromo-3-Chloropropane	30.0	27.0		ug/L		90	56 - 123	2	20
1,2-Dibromoethane (EDB)	30.0	29.0		ug/L		97	70 - 125	6	20
Dibromomethane	30.0	26.8		ug/L		89	70 - 120	3	20
1,2-Dichlorobenzene	30.0	31.2		ug/L		104	70 - 125	10	20
1,3-Dichlorobenzene	30.0	30.6		ug/L		102	70 - 125	9	20
1,4-Dichlorobenzene	30.0	30.3		ug/L		101	70 - 120	10	20
Dichlorodifluoromethane	30.0	28.8		ug/L		96	40 - 159	12	20
1,1-Dichloroethane	30.0	28.3		ug/L		94	70 - 125	8	20
1,2-Dichloroethane	30.0	27.9		ug/L		93	68 - 127	7	20
1,1-Dichloroethene	30.0	31.0		ug/L		103	67 - 122	8	20
1,2-Dichloropropane	30.0	31.6		ug/L		105	67 - 130	8	20
1,3-Dichloropropane	30.0	31.0		ug/L		103	62 - 136	7	20
2,2-Dichloropropane	30.0	33.4		ug/L		111	58 - 139	11	20
1,1-Dichloropropene	30.0	30.3		ug/L		101	70 - 121	8	20
Ethylbenzene	30.0	32.2		ug/L		107	70 - 123	9	20
Hexachlorobutadiene	30.0	35.2		ug/L		117	51 - 150	13	20
Isopropylbenzene	30.0	31.0		ug/L		103	70 - 126	11	20
4-Isopropyltoluene	30.0	30.5		ug/L		102	70 - 125	9	20
Methylene Chloride	30.0	28.9		ug/L		96	69 - 125	5	20
Methyl tert-butyl ether	30.0	26.7		ug/L		89	55 - 123	1	20
Naphthalene	30.0	28.5		ug/L		95	53 - 144	6	20
n-Butylbenzene	30.0	34.0		ug/L		113	68 - 125	12	20
N-Propylbenzene	30.0	31.8		ug/L		106	69 - 127	12	20
sec-Butylbenzene	30.0	33.5		ug/L		112	70 - 123	12	20
Styrene	30.0	29.0		ug/L		97	70 - 120	5	20
tert-Butylbenzene	30.0	29.8		ug/L		99	70 - 121	9	20
1,1,1,2-Tetrachloroethane	30.0	29.3		ug/L		98	70 - 125	5	20
1,1,2,2-Tetrachloroethane	30.0	27.0		ug/L		90	62 - 140	5	20
Tetrachloroethene	30.0	35.2		ug/L		117	70 - 128	9	20
Toluene	30.0	30.1		ug/L		100	70 - 125	8	20
trans-1,2-Dichloroethene	30.0	30.2		ug/L		101	70 - 125	10	20
trans-1,3-Dichloropropene	30.0	28.7		ug/L		96	62 - 128	5	20
1,2,3-Trichlorobenzene	30.0	29.1		ug/L		97	51 - 145	9	20
1,2,4-Trichlorobenzene	30.0	31.2		ug/L		104	57 - 137	9	20
1,1,1-Trichloroethane	30.0	31.7		ug/L		106	70 - 125	9	20

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QC Sample Results

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

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

Lab Sample ID: LCSD 500-836943/14

Matrix: Water

Analysis Batch: 836943

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloroethane	30.0	28.8		ug/L		96	71 - 130	6	20
Trichloroethene	30.0	33.7		ug/L		112	70 - 125	9	20
Trichlorofluoromethane	30.0	30.6		ug/L		102	55 - 128	13	20
1,2,3-Trichloropropane	30.0	23.7		ug/L		79	50 - 133	1	20
1,2,4-Trimethylbenzene	30.0	32.3		ug/L		108	70 - 123	11	20
1,3,5-Trimethylbenzene	30.0	29.3		ug/L		98	70 - 123	9	20
Vinyl chloride	30.0	30.0		ug/L		100	64 - 126	10	20
Xylenes, Total	60.0	61.1		ug/L		102	70 - 125	8	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		72 - 124
Dibromofluoromethane (Surr)	95		75 - 120
1,2-Dichloroethane-d4 (Surr)	94		75 - 126
Toluene-d8 (Surr)	102		75 - 120

Lab Chronicle

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2224 Edgewood Dr.

Lab Sample ID: 500-275332-1

Date Collected: 09/25/25 08:55

Matrix: Water

Date Received: 09/27/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836692	PMF	EET CHI	10/03/25 20:39

Client Sample ID: 2232 Edgewood Dr.

Lab Sample ID: 500-275332-2

Date Collected: 09/25/25 11:40

Matrix: Water

Date Received: 09/27/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836692	PMF	EET CHI	10/03/25 21:06

Client Sample ID: 2267 Edgewood Dr.

Lab Sample ID: 500-275332-3

Date Collected: 09/25/25 10:25

Matrix: Water

Date Received: 09/27/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836692	PMF	EET CHI	10/03/25 21:32

Client Sample ID: 2280 Edgewood Dr.

Lab Sample ID: 500-275332-4

Date Collected: 09/25/25 09:45

Matrix: Water

Date Received: 09/27/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836396	W1T	EET CHI	10/01/25 15:19

Client Sample ID: 2165 N. Green Bay Rd.

Lab Sample ID: 500-275332-5

Date Collected: 09/25/25 08:05

Matrix: Water

Date Received: 09/27/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836396	W1T	EET CHI	10/01/25 15:43

Client Sample ID: 2217 N. Green Bay Rd.

Lab Sample ID: 500-275332-6

Date Collected: 09/26/25 07:40

Matrix: Water

Date Received: 09/27/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836943	PMF	EET CHI	10/06/25 16:53

Client Sample ID: 1965 Tamarack Tr.

Lab Sample ID: 500-275332-7

Date Collected: 09/26/25 09:10

Matrix: Water

Date Received: 09/27/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836692	PMF	EET CHI	10/03/25 20:12

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Lab Chronicle

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: 2206 Green Bay Rd.

Lab Sample ID: 500-275332-8

Date Collected: 09/26/25 07:25

Matrix: Water

Date Received: 09/27/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836943	PMF	EET CHI	10/06/25 17:19

Client Sample ID: 2225 Green Bay Rd.

Lab Sample ID: 500-275332-9

Date Collected: 09/24/25 07:50

Matrix: Water

Date Received: 09/27/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836692	PMF	EET CHI	10/03/25 18:53

Client Sample ID: 2216 Edgewater Dr.

Lab Sample ID: 500-275332-10

Date Collected: 09/26/25 08:20

Matrix: Water

Date Received: 09/27/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836943	PMF	EET CHI	10/06/25 17:46

Client Sample ID: 2236 Edgewater Dr.

Lab Sample ID: 500-275332-11

Date Collected: 09/25/25 07:45

Matrix: Water

Date Received: 09/27/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836692	PMF	EET CHI	10/03/25 21:58

Client Sample ID: 2246 Edgewater Dr.

Lab Sample ID: 500-275332-12

Date Collected: 09/26/25 08:05

Matrix: Water

Date Received: 09/27/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836692	PMF	EET CHI	10/03/25 22:24

Client Sample ID: 2252 Edgewater Dr.

Lab Sample ID: 500-275332-13

Date Collected: 09/24/25 07:25

Matrix: Water

Date Received: 09/27/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836692	PMF	EET CHI	10/03/25 19:20

Client Sample ID: 2258 Edgewater Dr.

Lab Sample ID: 500-275332-14

Date Collected: 09/24/25 07:35

Matrix: Water

Date Received: 09/27/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836692	PMF	EET CHI	10/03/25 19:46

Eurofins Chicago

Lab Chronicle

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Client Sample ID: Trip Blank-HCL
Date Collected: 09/26/25 00:00
Date Received: 09/27/25 09:30

Lab Sample ID: 500-275332-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	836396	W1T	EET CHI	10/01/25 12:28

Laboratory References:
EET CHI = Eurofins Chicago, 18410 Crossing Drive, Suite E, Tinley Park, IL 60487, TEL (708)534-5200

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Accreditation/Certification Summary

Client: Stantec Consulting Corporation
Project/Site: Denow Landfill 193704196

Job ID: 500-275332-1

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	399172840	08-31-26

- 1
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- 14
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Client Information		Sampler <i>Jiyan Hatami / Alyssa McBain</i>		Lab PM Fredrick Sandie		Carrier Tracking No(s)		COC No 500-141594-51183 3																					
Client Contact Jiyan Hatami		Phone 262-278-9154		E Mail Sandra.Fredrick@et.eurofinsus.com		State of Origin WI		Page Page 1 of 2																					
Company Stantec Consulting Corporation		PWSID		Analysis Requested						Job # 500-275332																			
Address 12308 Corporate Parkway Suite 600		Due Date Requested Standard TAT		Field Filtered Sample (Yes or No) Perform MS/MSD (Yes or No) 8260B - VOC 8260D - LL VOC  500-275332 COC Total Number of containers						Preservation Codes A HCL																			
City Mequon		TAT Requested (days) 10-Business Days/Standard								Other																			
State Zip WI 53092		Compliance Project ☐ Yes ☒ No																											
Phone 262-278-9154		PO # 193704196																											
Email Jiyan.Hatami@stantec.com		WVO #																											
Project Name Denow Landfill 193704196		Project # 50013806																											
Site Denow Landfill, Graton, WI		SSOW#																											
Private Wells/Residential																													
Sample Identification		Sample Date		Sample Time		Sample Type (C=comp, G=grab)		Matrix (W=water, S=solid, O=waste/soil, BT=Tissue, A=Air, DW=Drinking Water)		Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		8260B - VOC 8260D - LL VOC		Total Number of containers		Special Instructions/Note											
2224 Edgewood Dr.		9/25/25		855		G		Water		N		N		X		3		GEMS submittal											
2232 Edgewood Dr.				1140																									
2267 Edgewood Dr.				1025																									
2280 Edgewood Dr.				945																									
2165 N. Green Bay Rd.				805																									
2217 N. Green Bay Rd.		9/26/25		740																									
1965 Tamarack Tr.				910																									
2206 Green Bay Rd.				725																									
2225 Green Bay Rd.		9/24/25		750																									
2216 Edgewater Dr.		9/26/25		820																									
2236 Edgewater Dr.		9/25/25		745																									
Possible Hazard Identification ☒ Non Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological										Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months																			
Deliverable Requested I II III IV Other (specify)										Special Instructions/QC Requirements GEMS submittal + low-level VOCs analysis																			
Empty Kit Relinquished by					Date					Time					Method of Shipment														
Relinquished by Alyssa McBain					Date/Time 9-26-25 1500					Company Stantec					Received by DBL					Date/Time 09/27/25 0930					Company EE7A				
Relinquished by					Date/Time					Company					Received by					Date/Time					Company				
Relinquished by					Date/Time					Company					Received by					Date/Time					Company				
Custody Seals Intact ☐ Yes ☐ No					Custody Seal No					Cooler Temperature(s) °C and Other Remarks M360 300																			

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Ver 10/10/2024 10/8/2025

Login Sample Receipt Checklist

Client: Stantec Consulting Corporation

Job Number: 500-275332-1

Login Number: 275332

List Source: Eurofins Chicago

List Number: 1

Creator: Babayode, Daniel

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.0
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Appendix B Monitoring Wells Data Graph

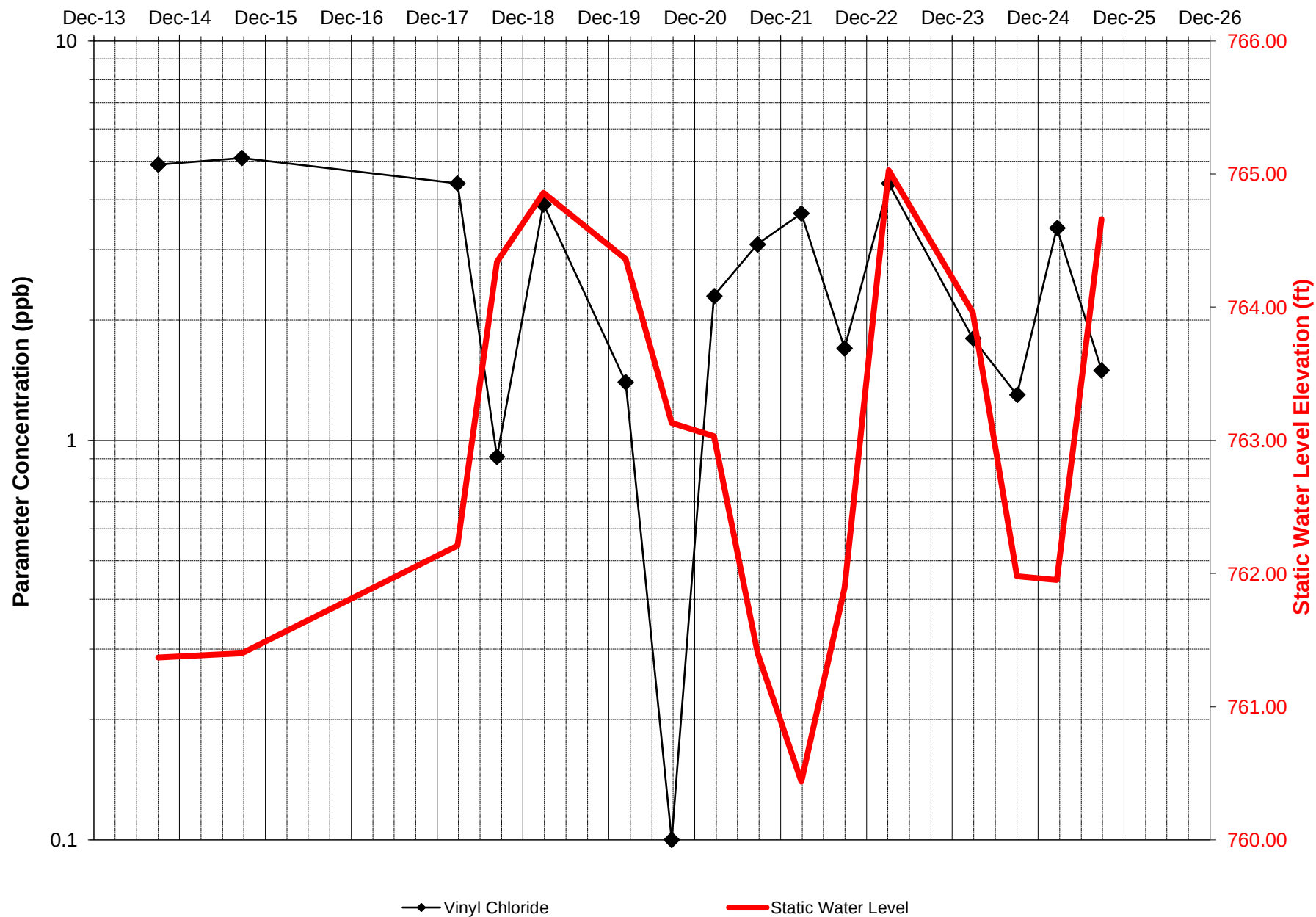


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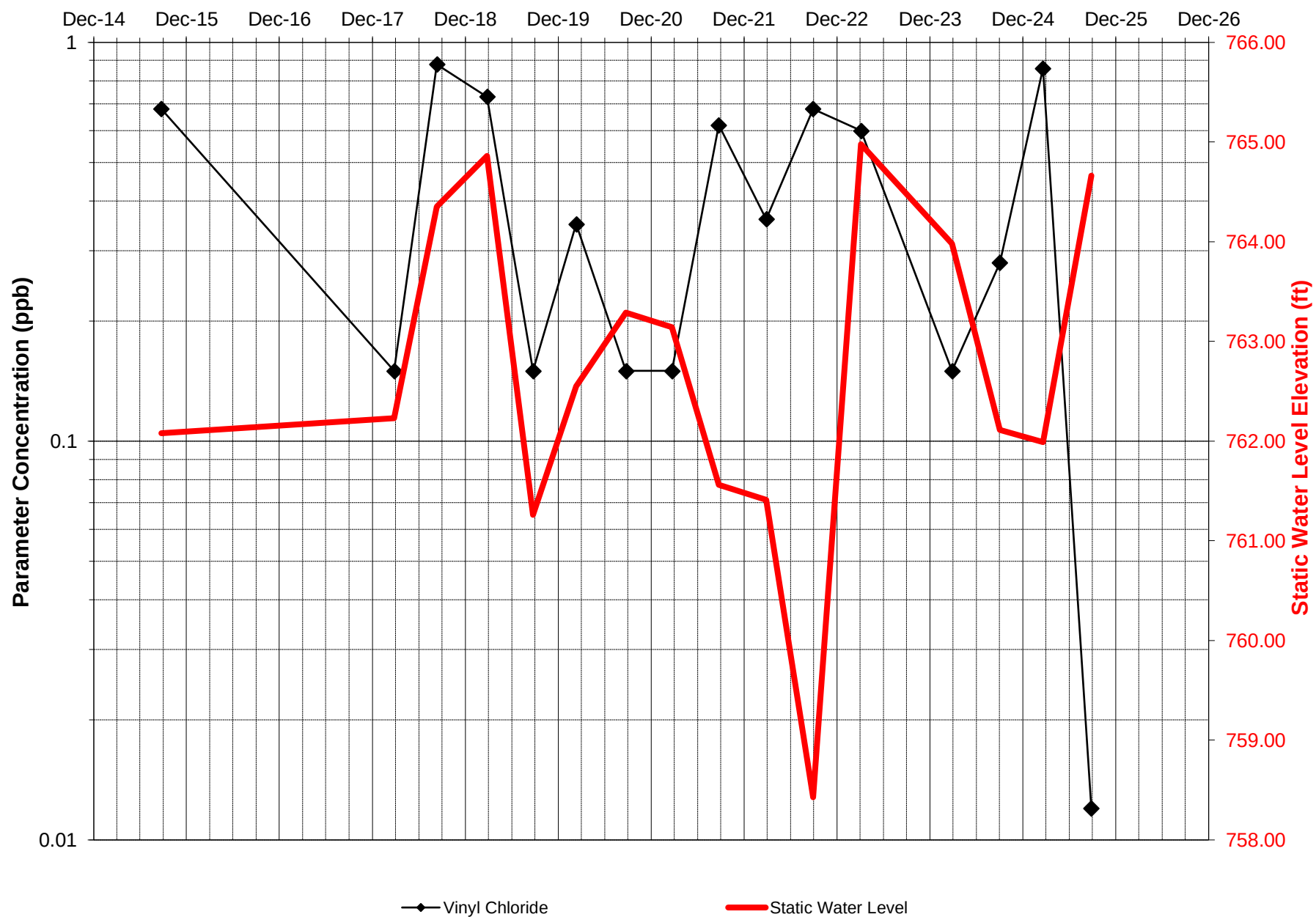
Denow Landfill - Well ID: 2232 Edgewood



Denow Landfill - Well ID: 2267 Edgewood



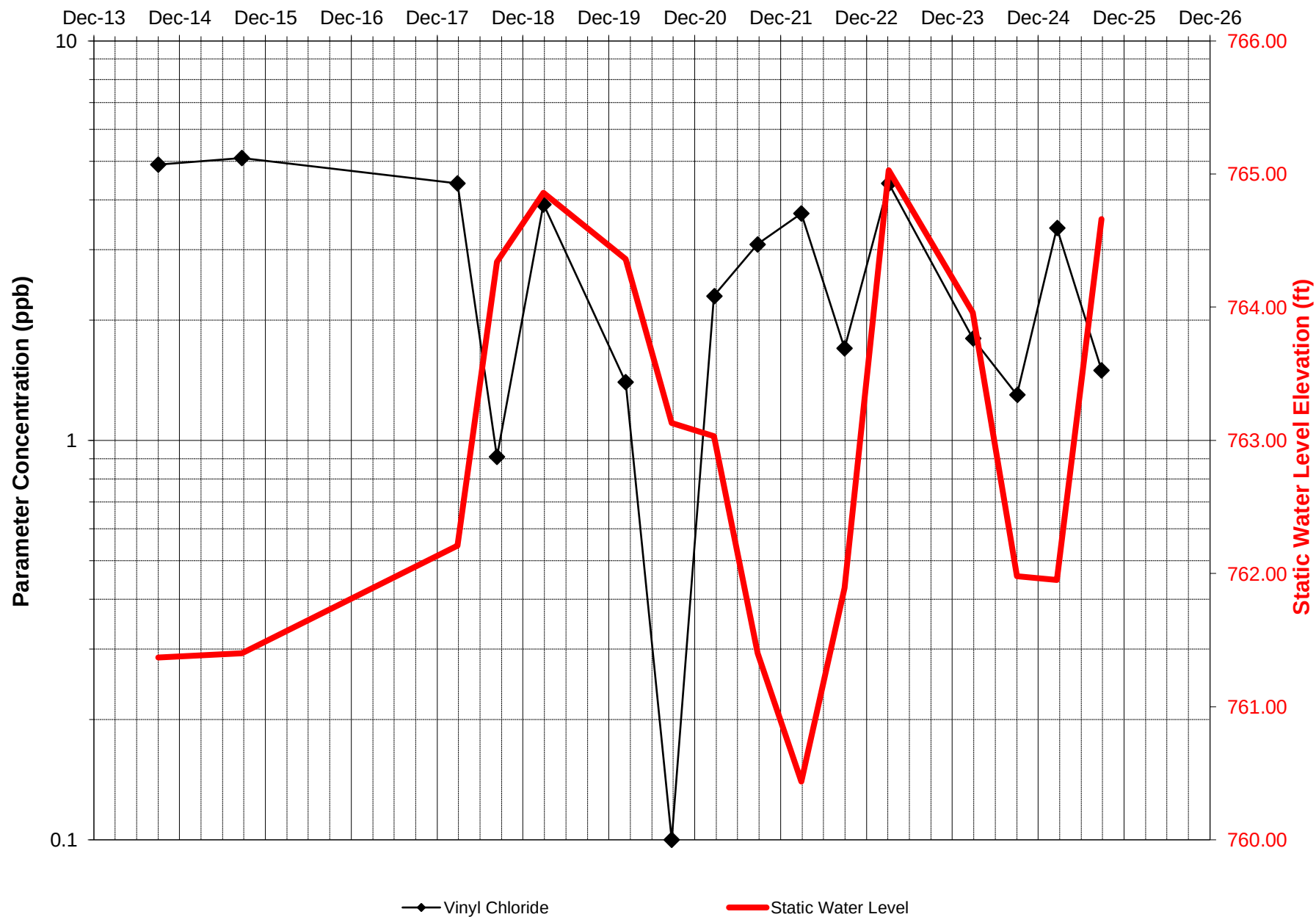
Denow Landfill - Well ID: 2280 Edgewood



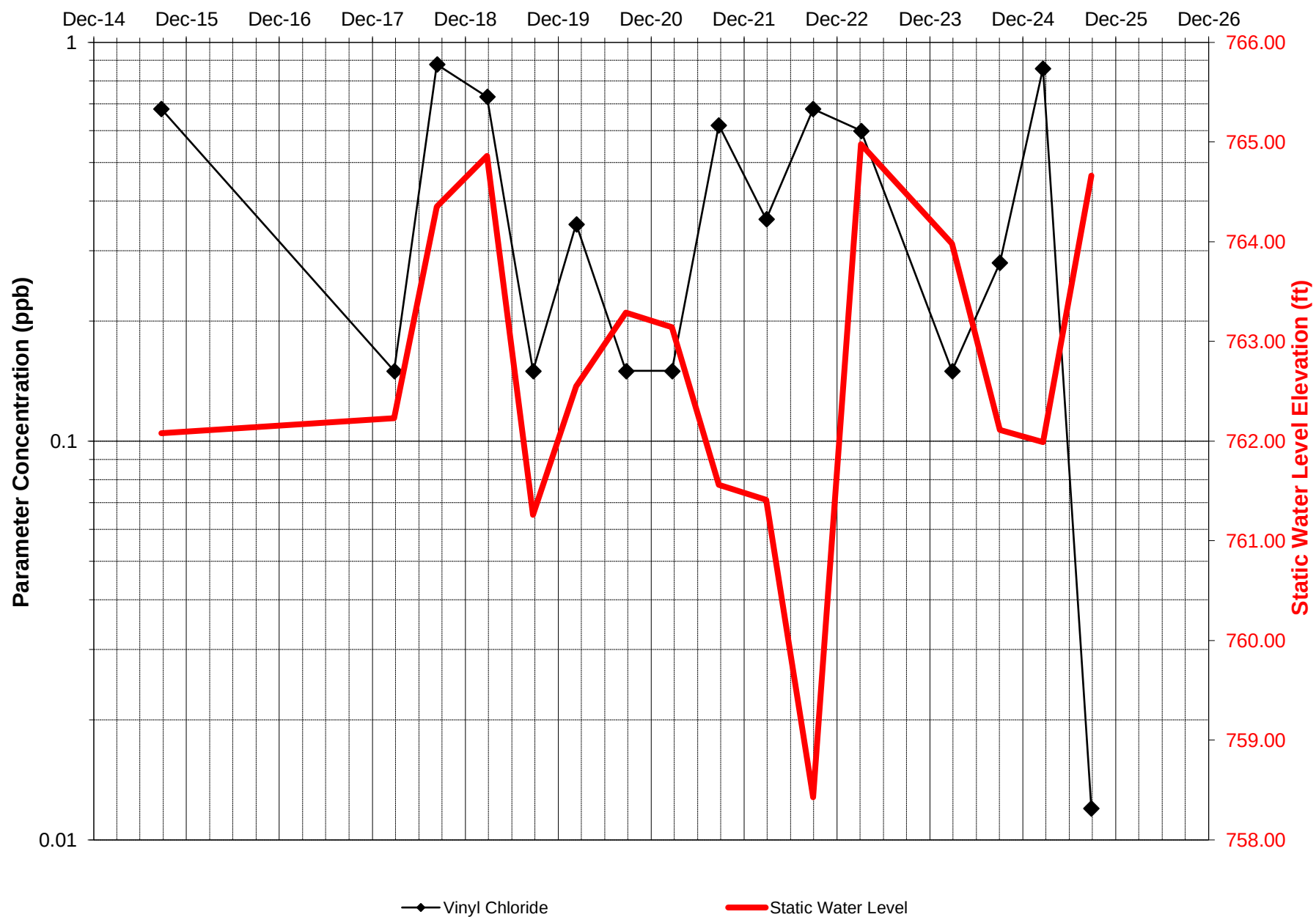
Denow Landfill - Well ID: 2232 Edgewood



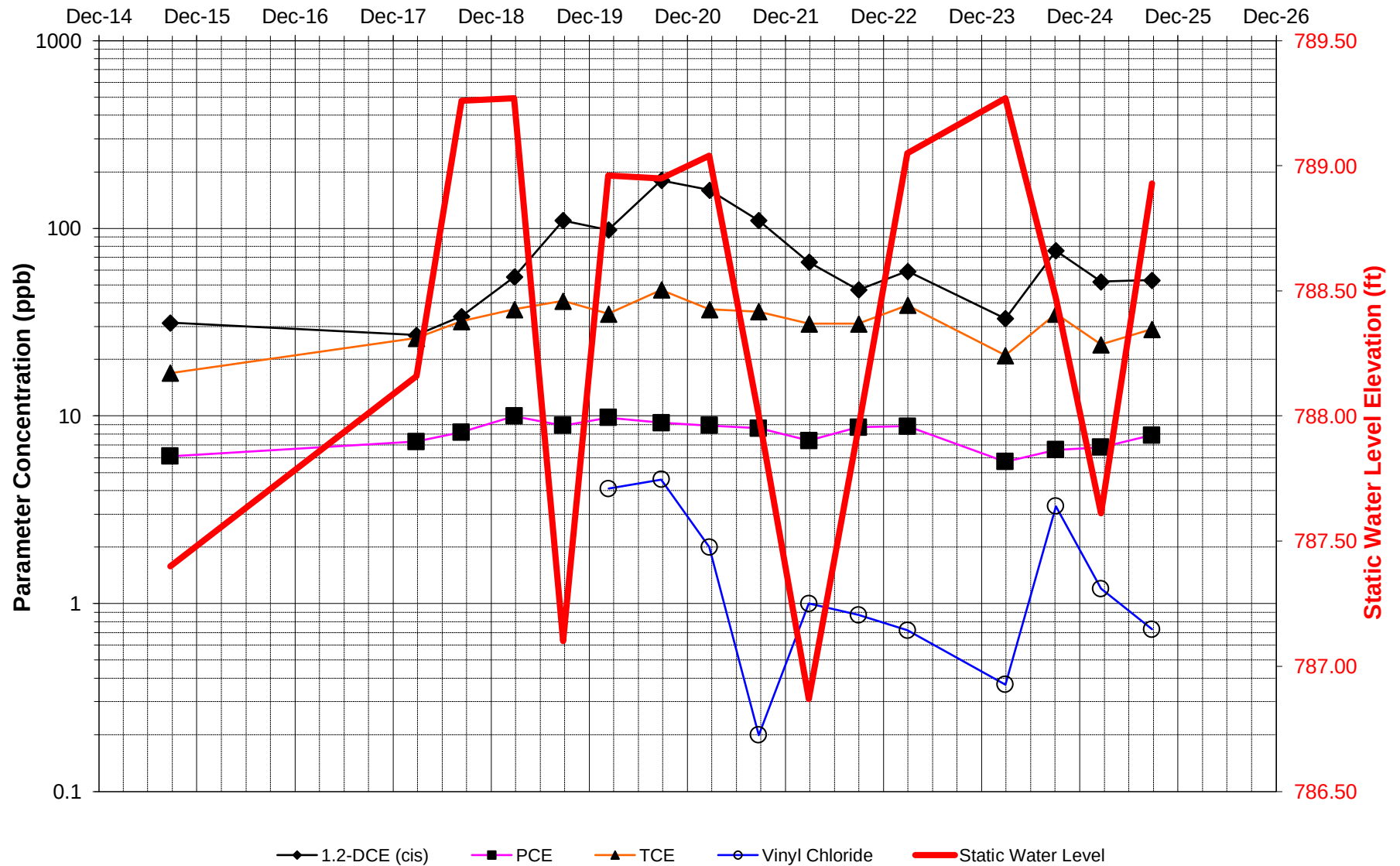
Denow Landfill - Well ID: 2267 Edgewood



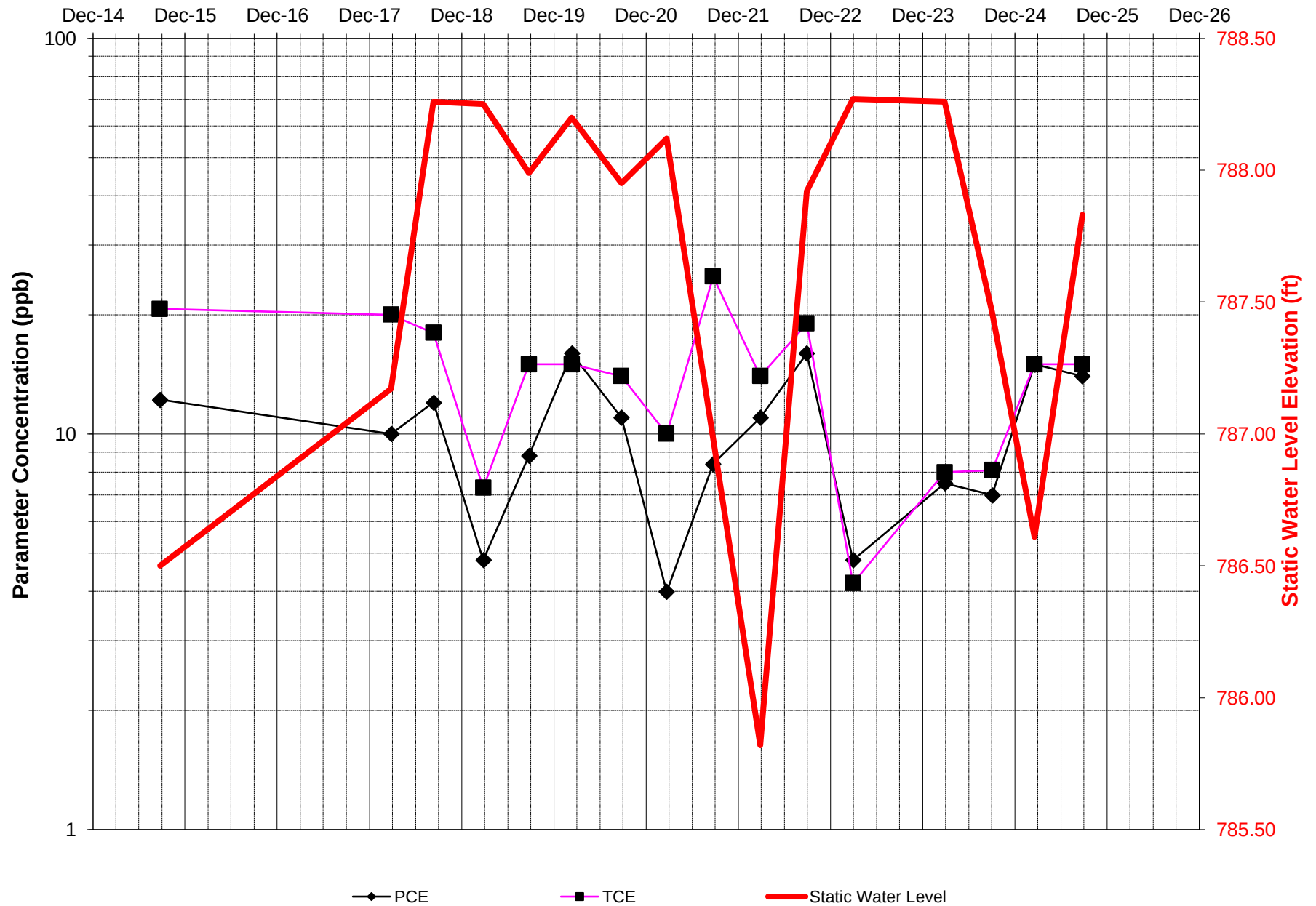
Denow Landfill - Well ID: 2280 Edgewood



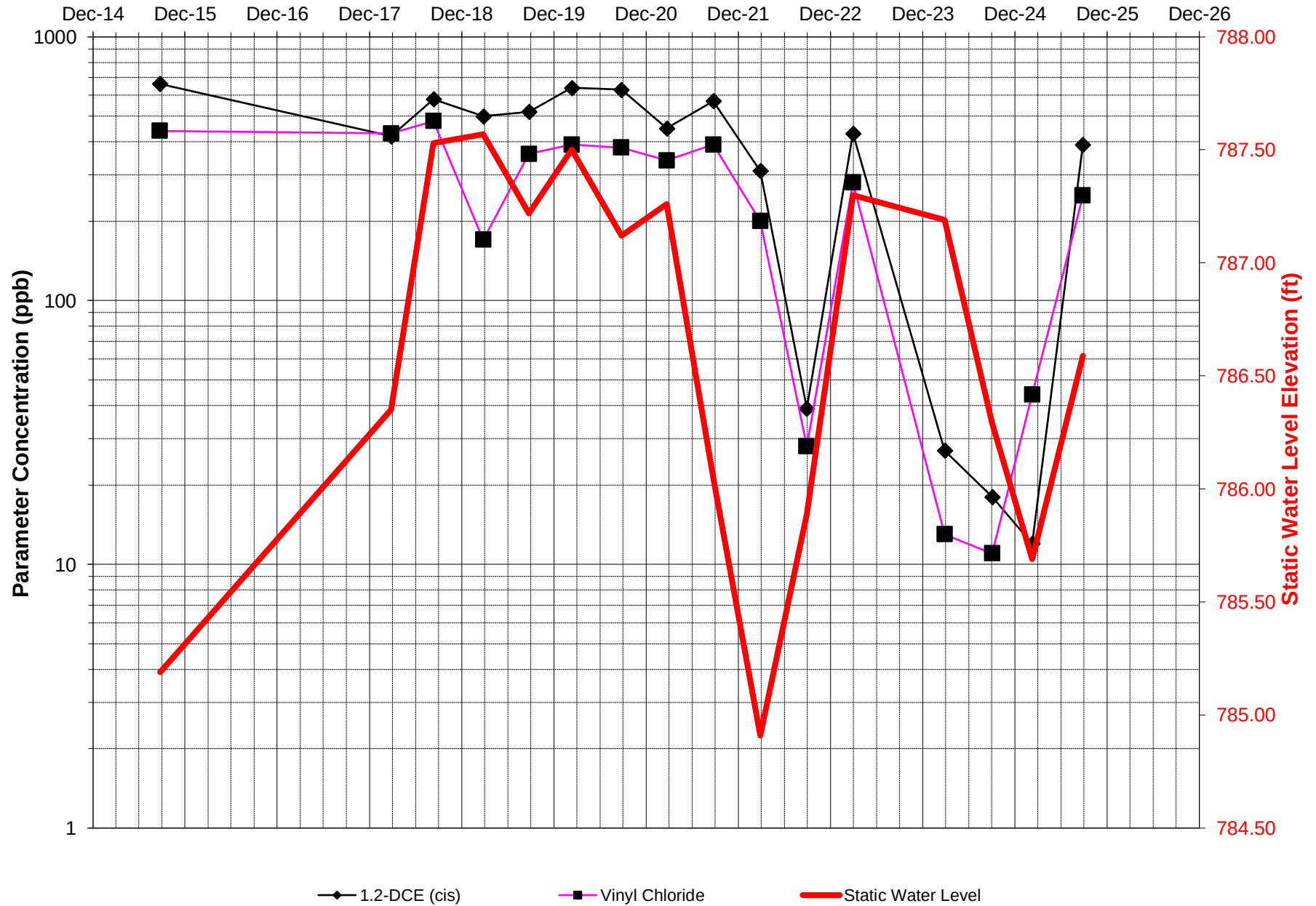
Denow Landfill - Well ID: MW-2D



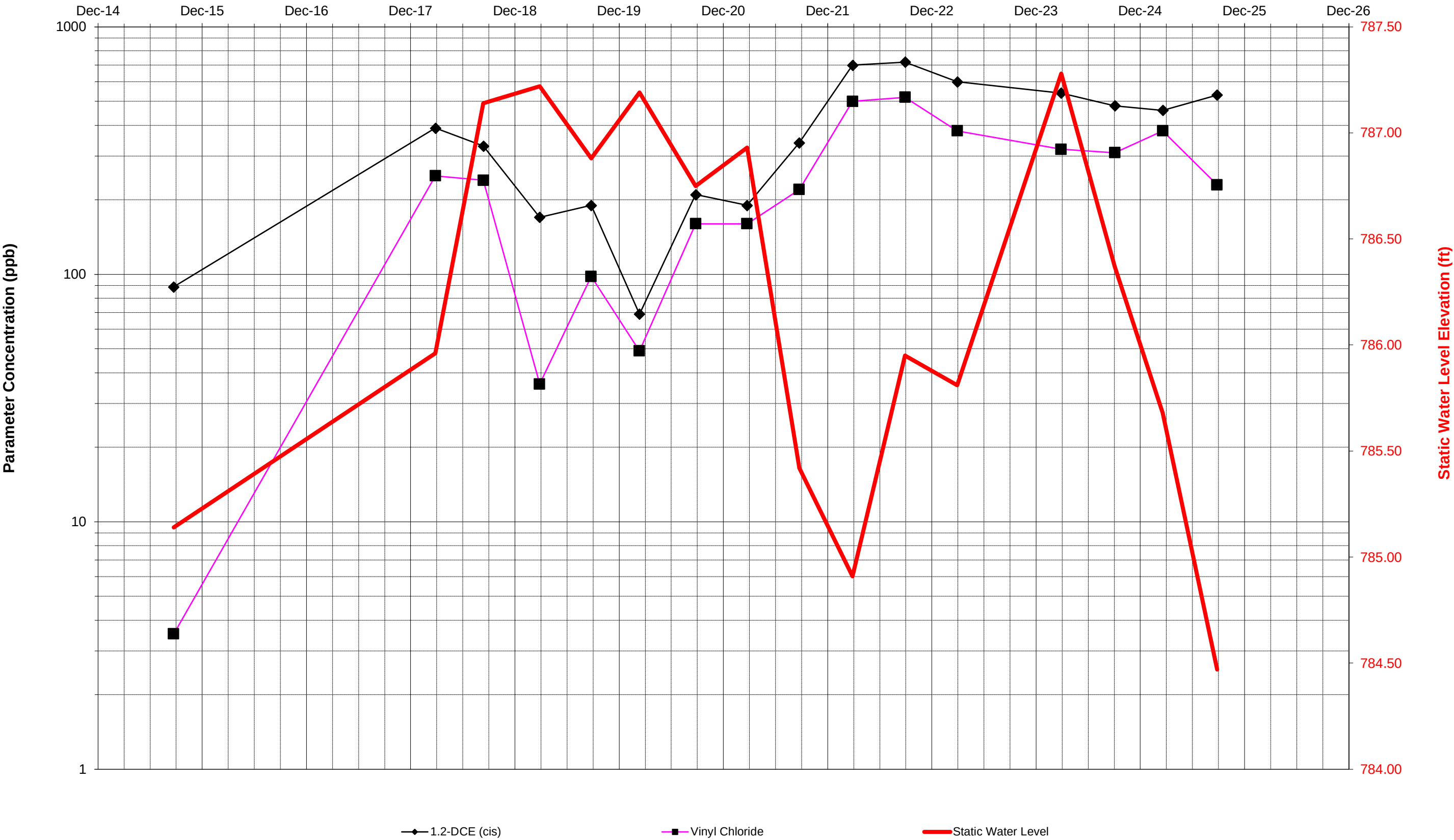
Denow Landfill - Well ID: MW-2S



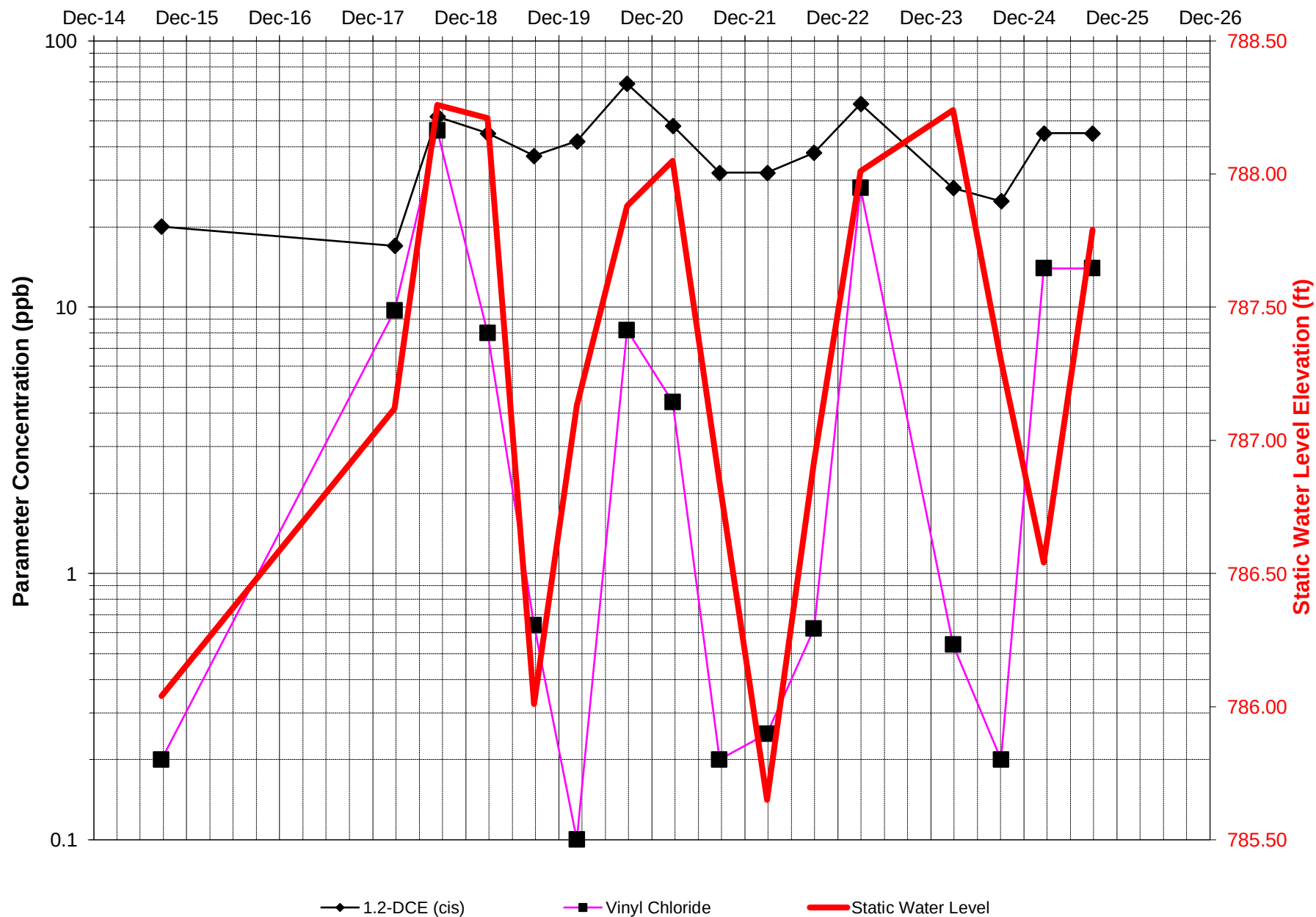
Denow Landfill - Well ID: MW-3B1



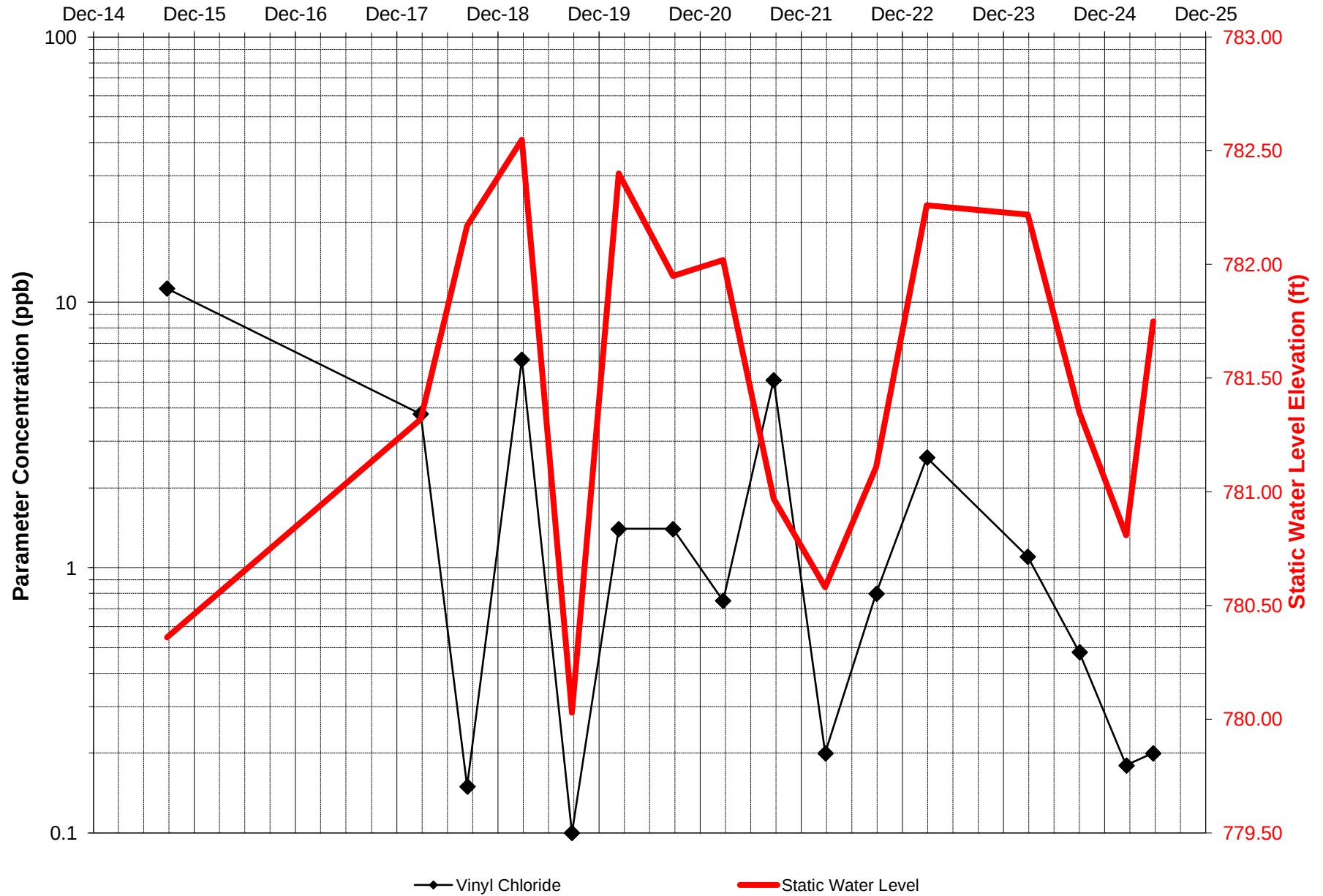
Denow Landfill - Well ID: MW-3B2



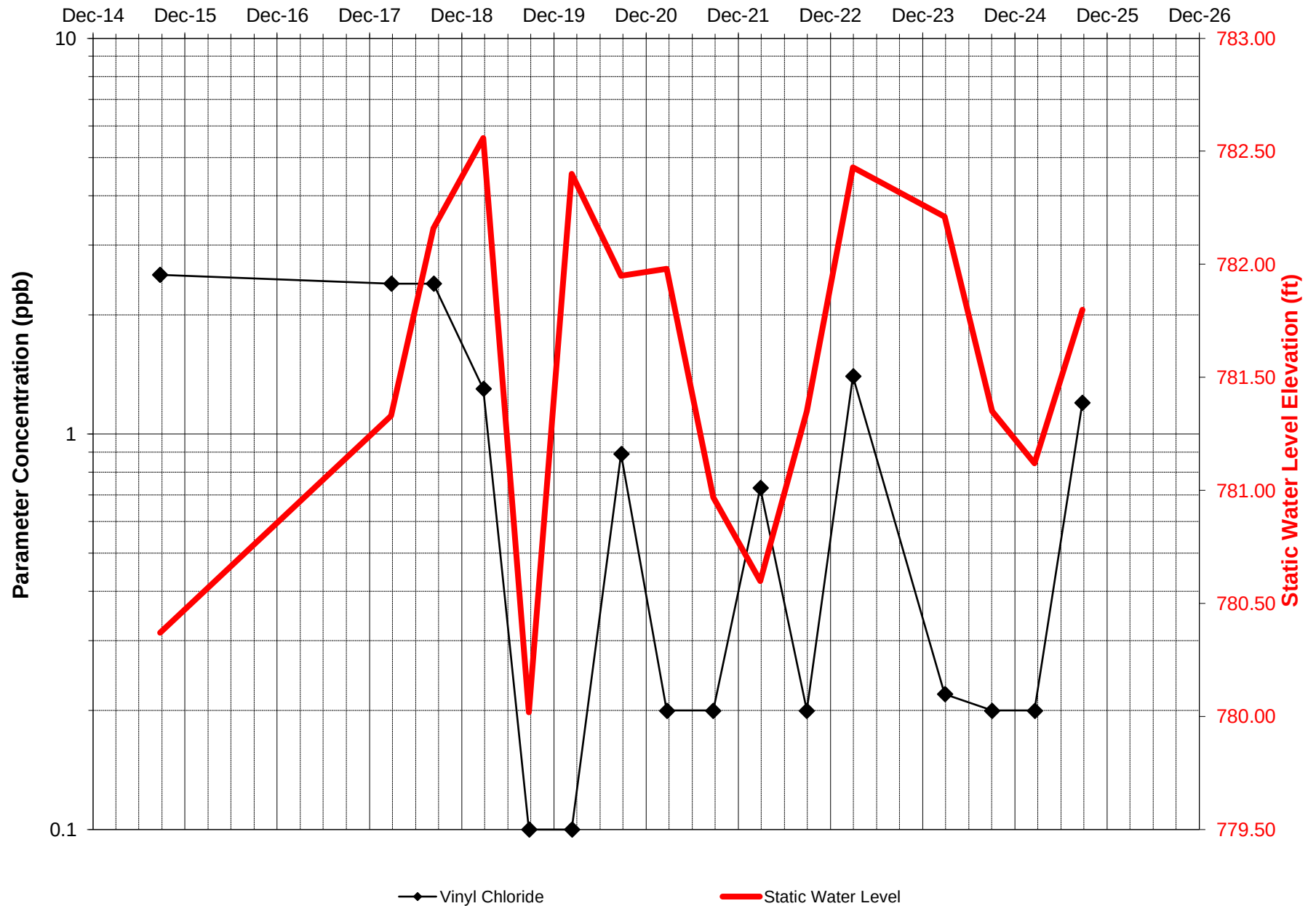
Denow Landfill - Well ID: MW-3D



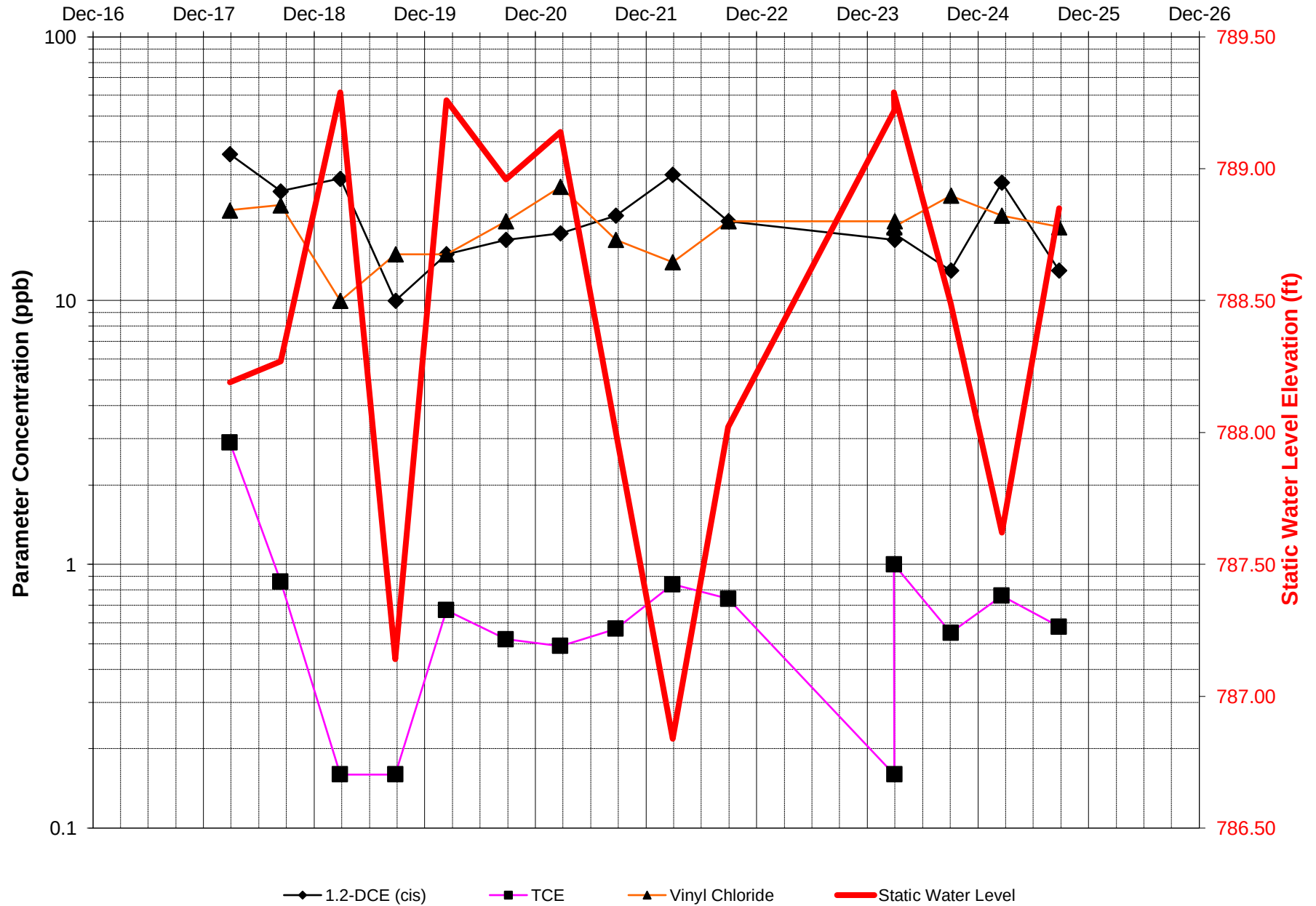
Denow Landfill - Well ID: MW-6B



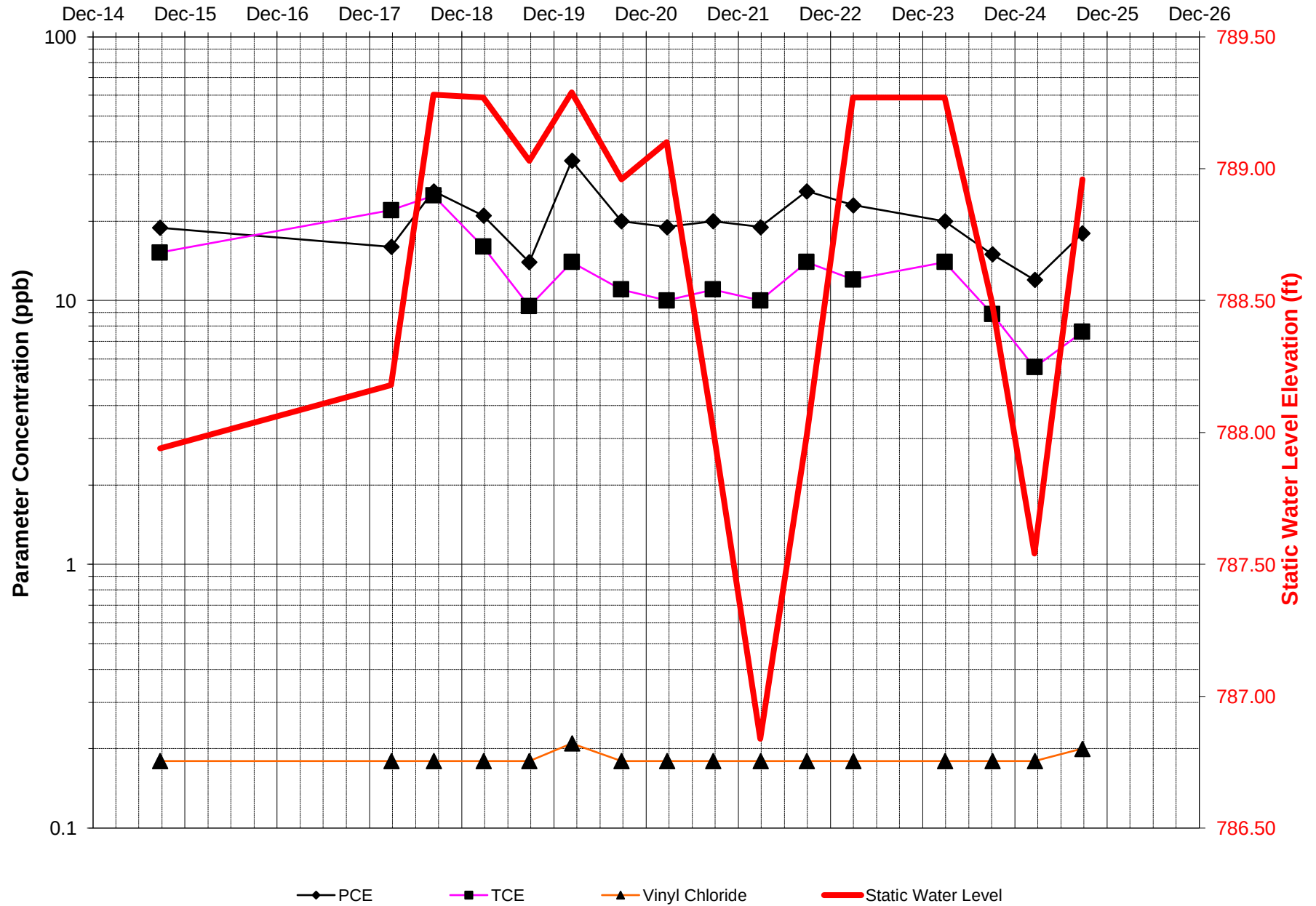
Denow Landfill - Well ID: MW-6D



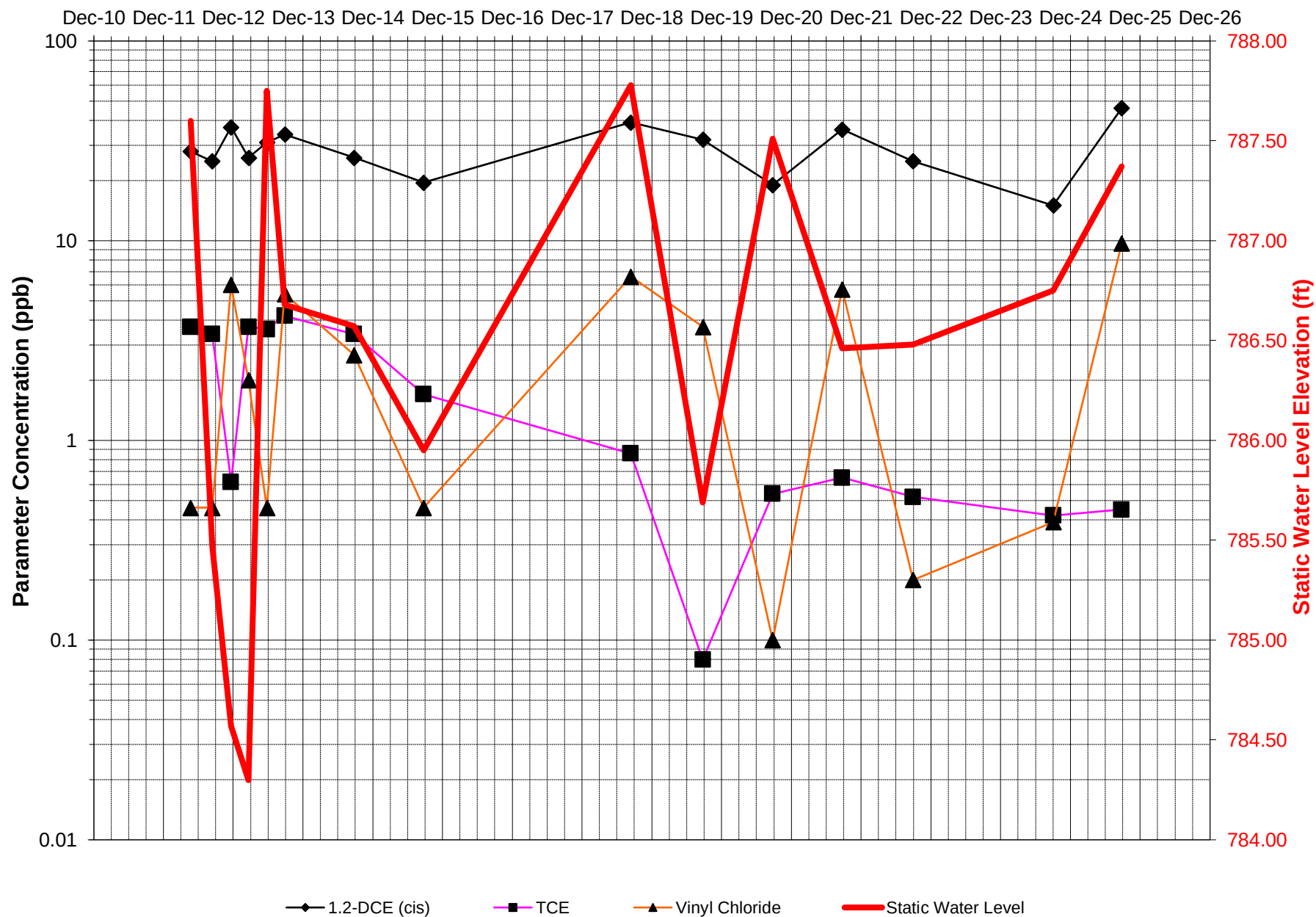
Denow Landfill - Well ID: MW-8B



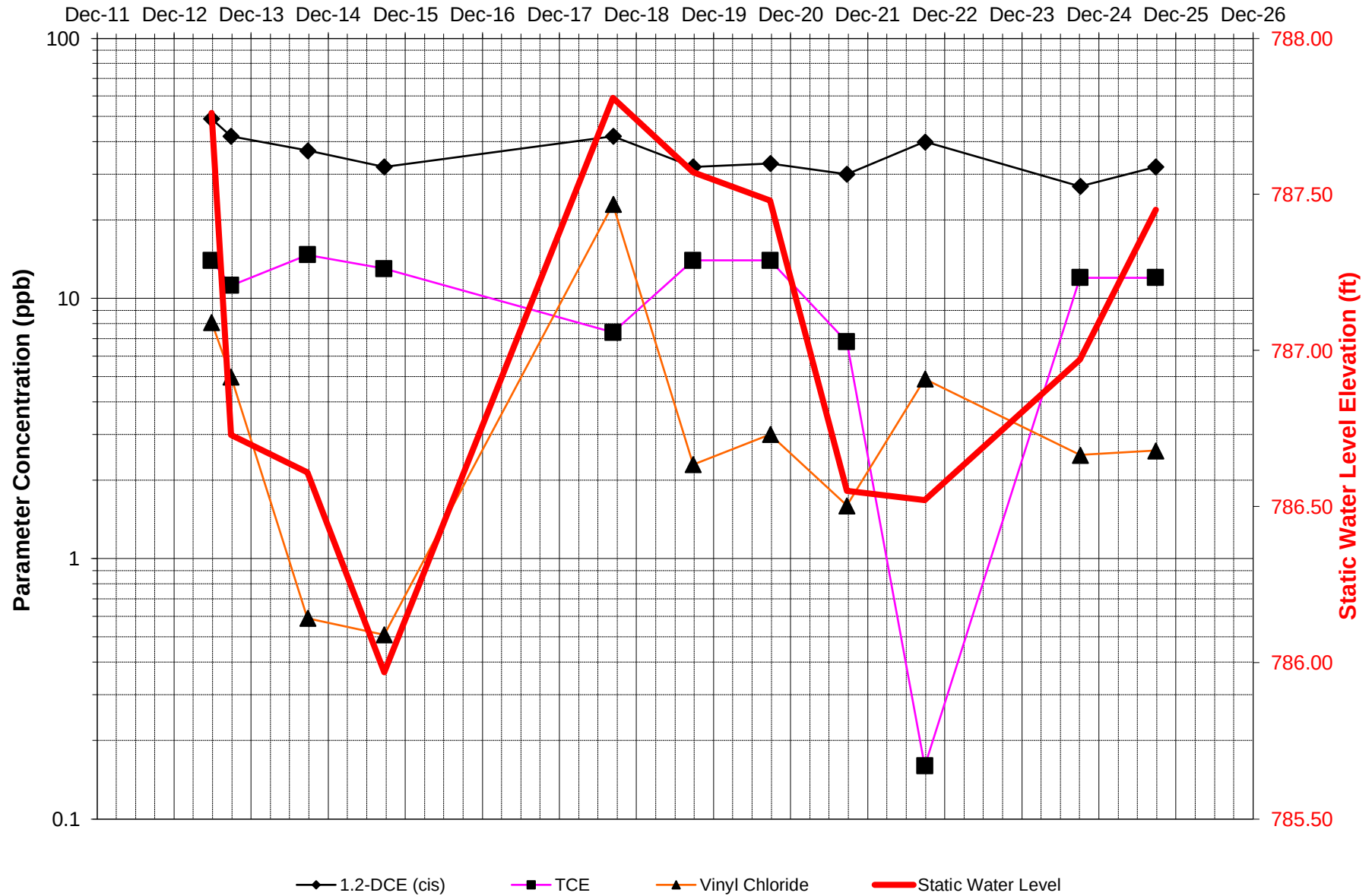
Denow Landfill - Well ID: MW-8S



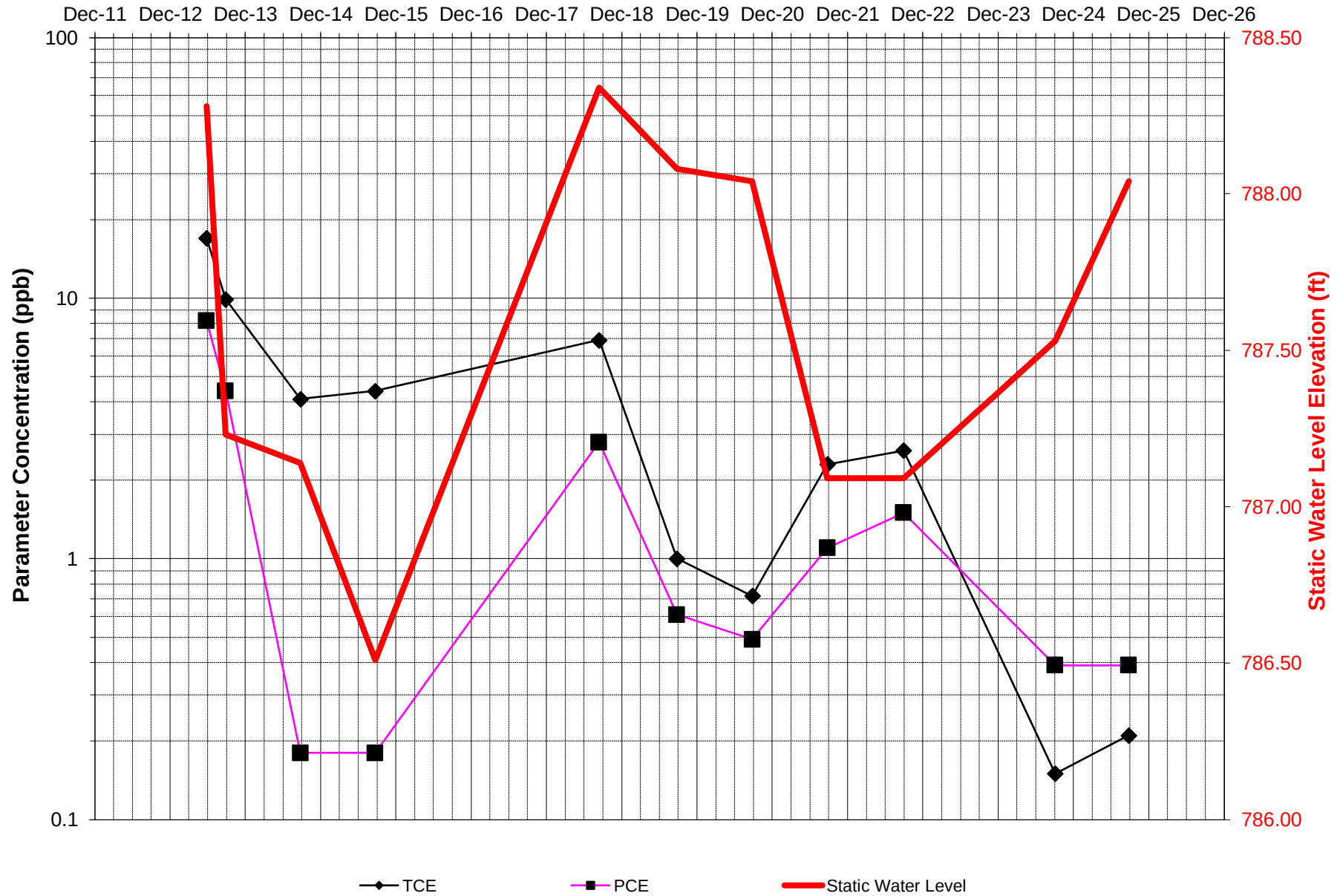
Denow Landfill - Well ID: MW-9B



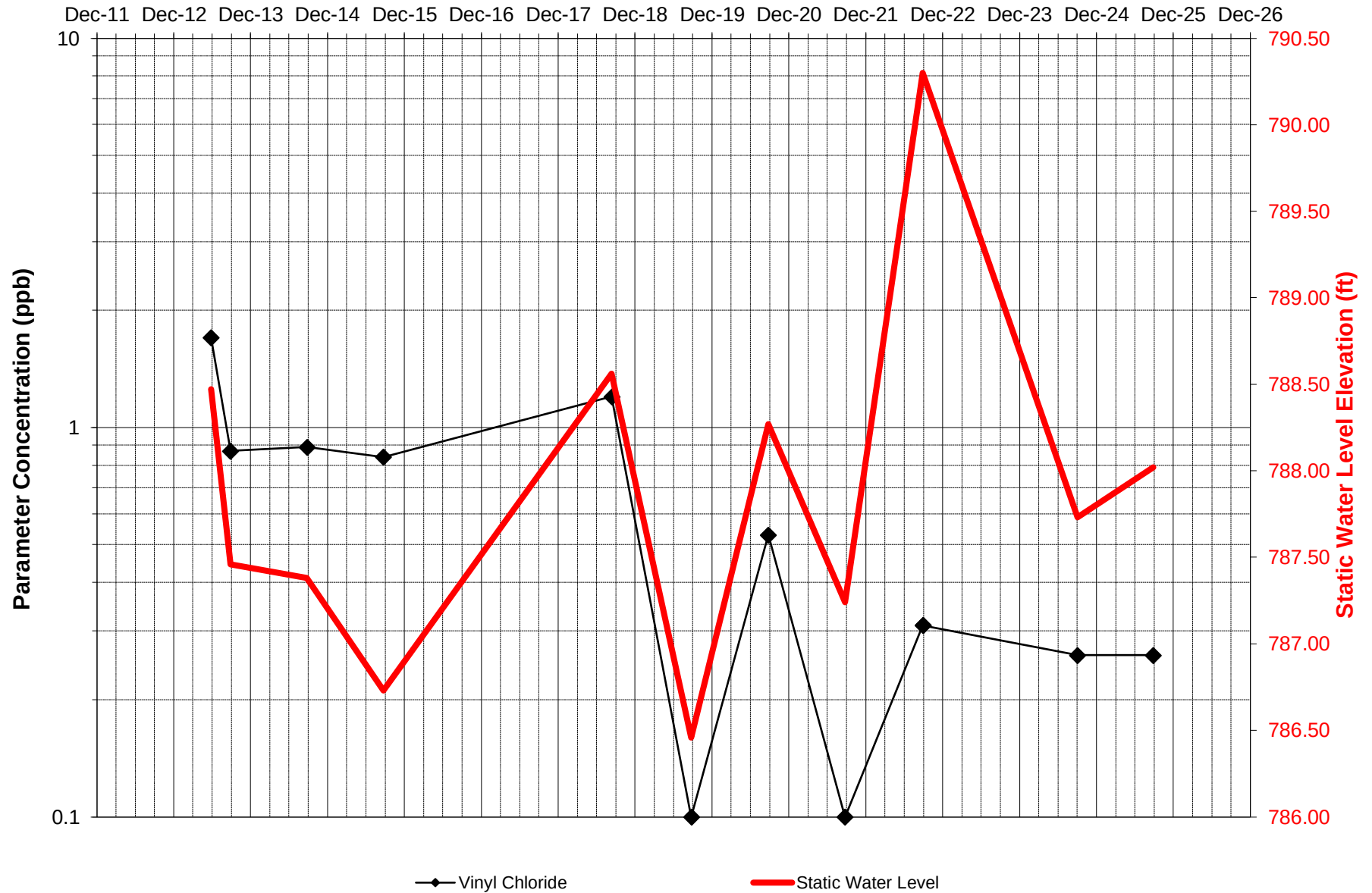
Denow Landfill - Well ID: MW-12B



Denow Landfill - Well ID: MW-12S



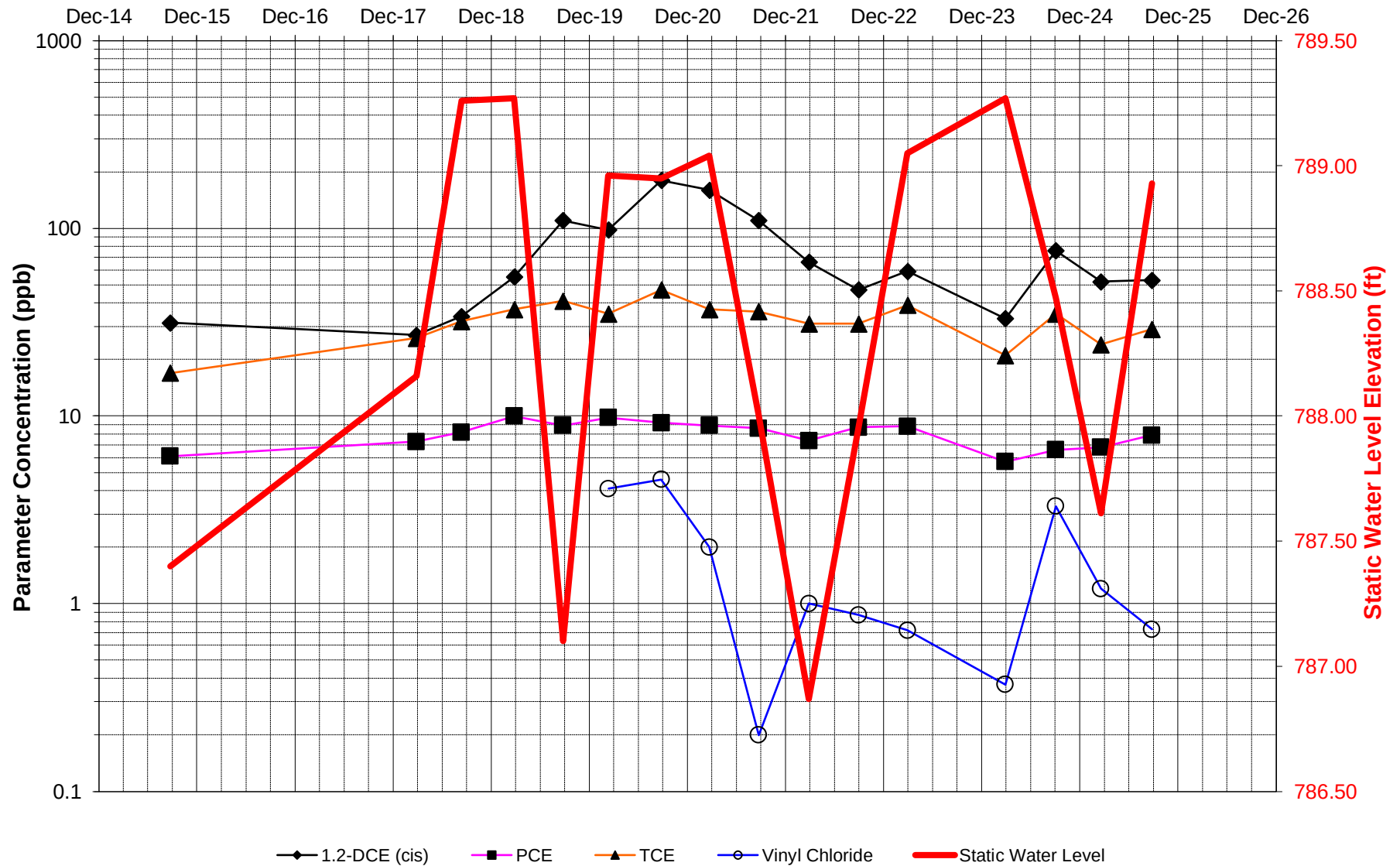
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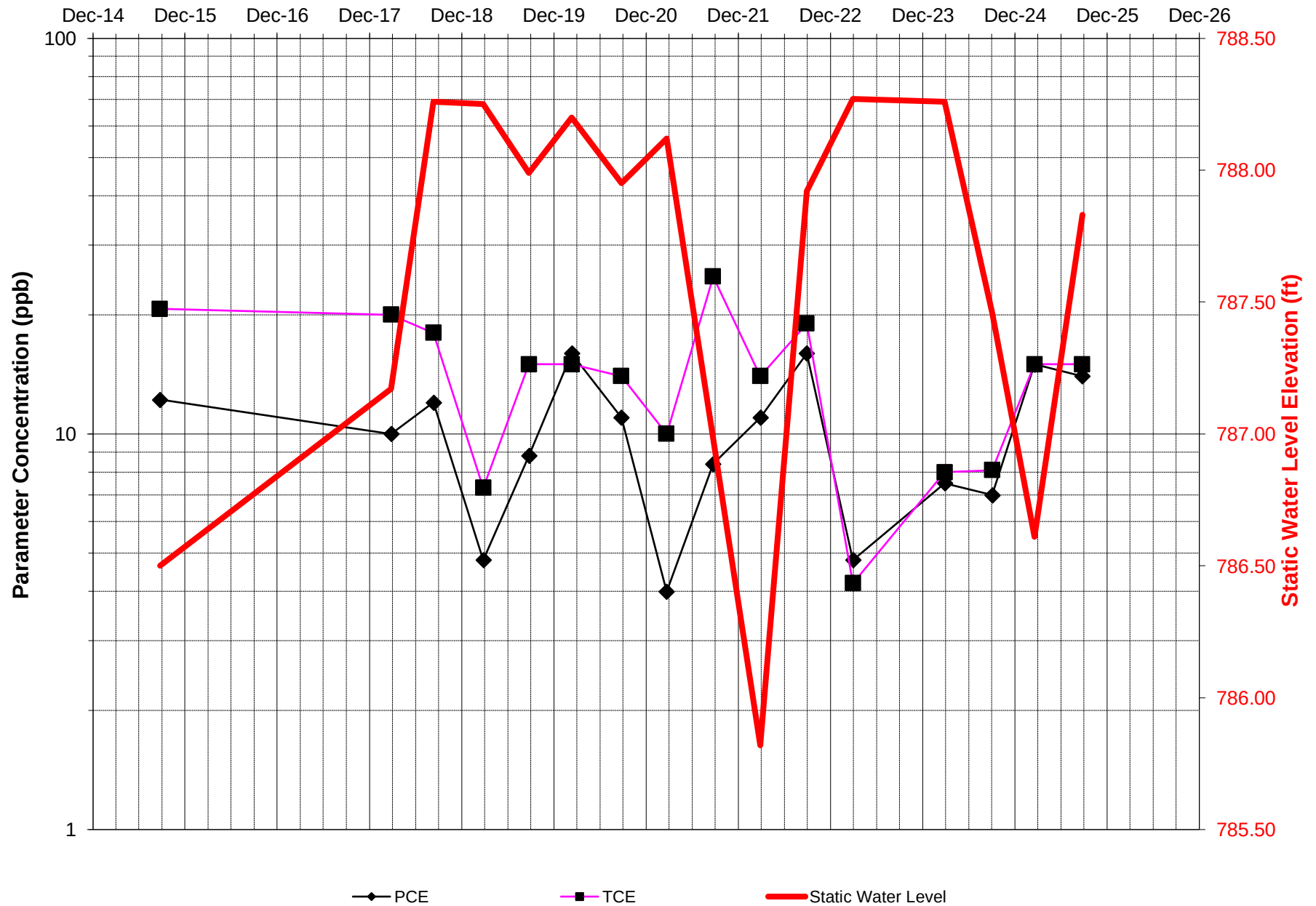
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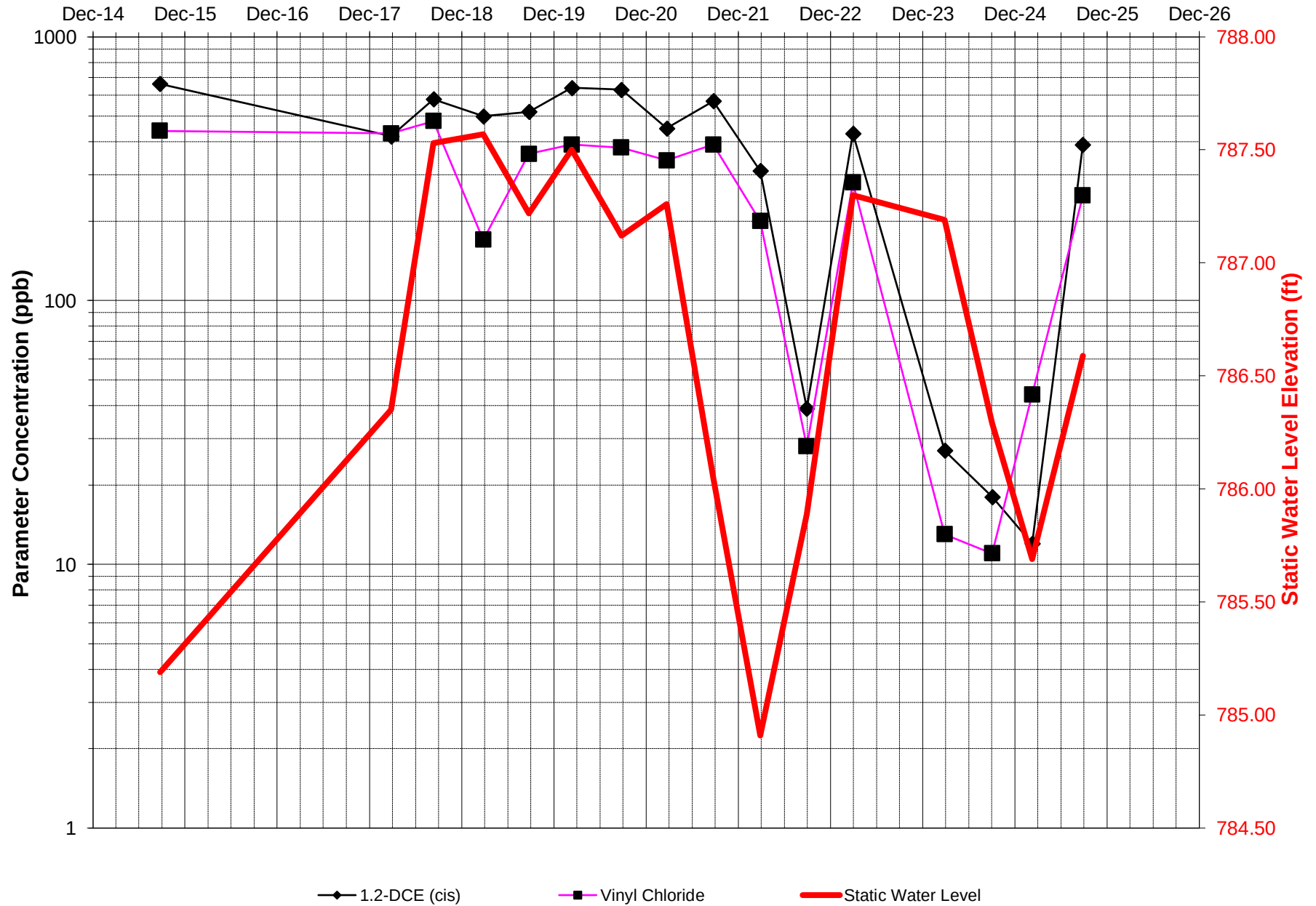
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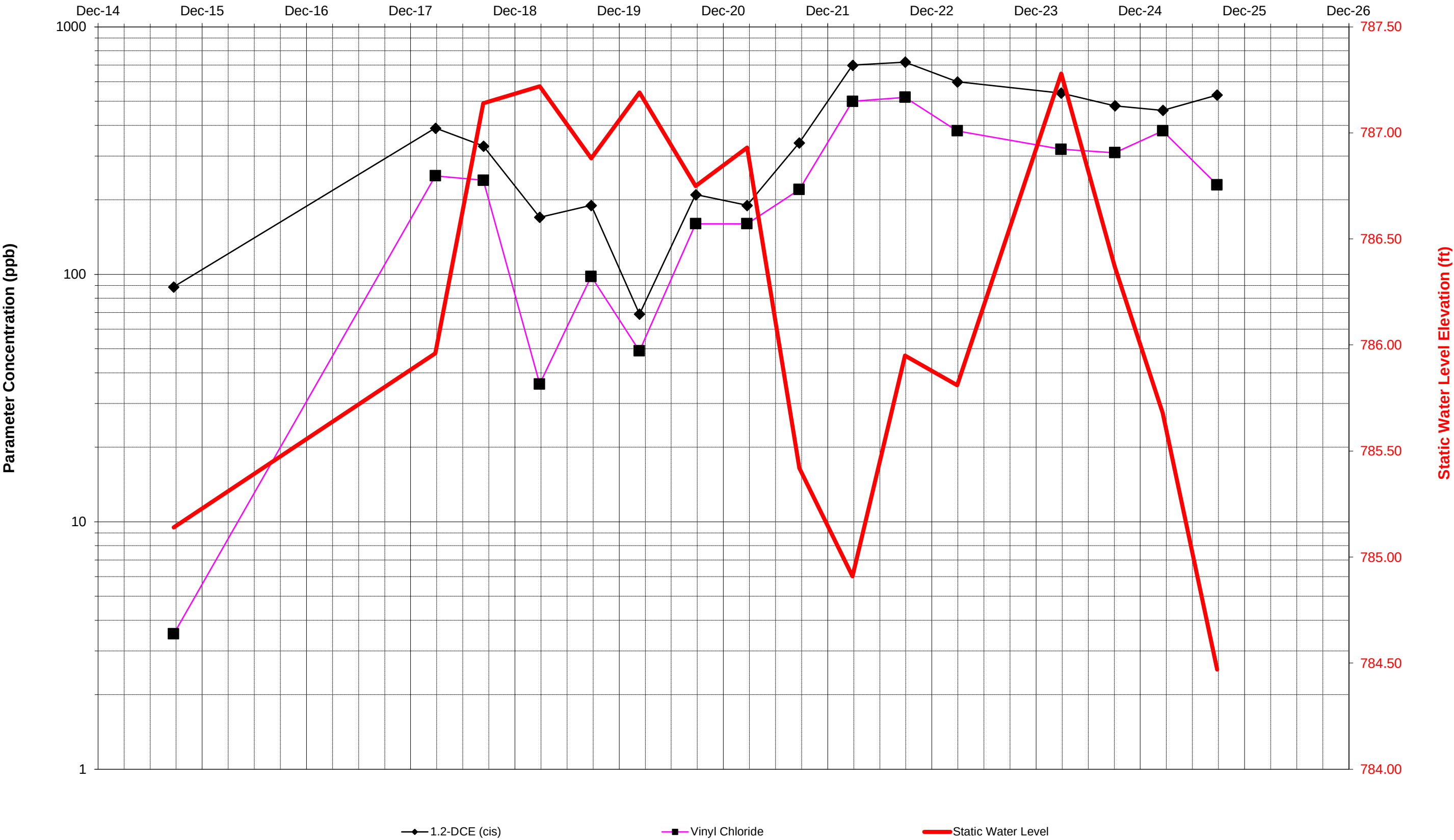
Denow Landfill - Well ID: MW-2S



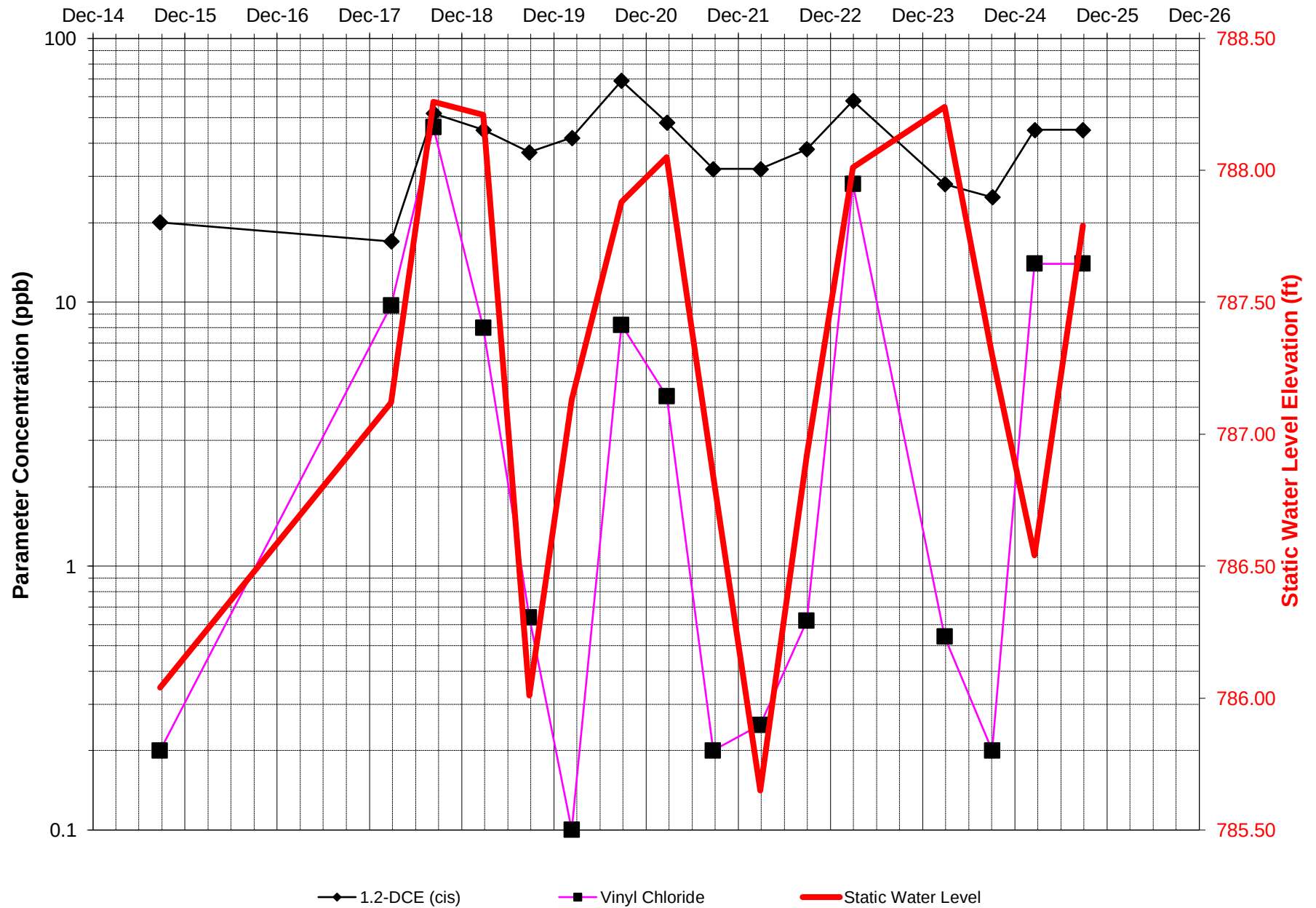
Denow Landfill - Well ID: MW-3B1



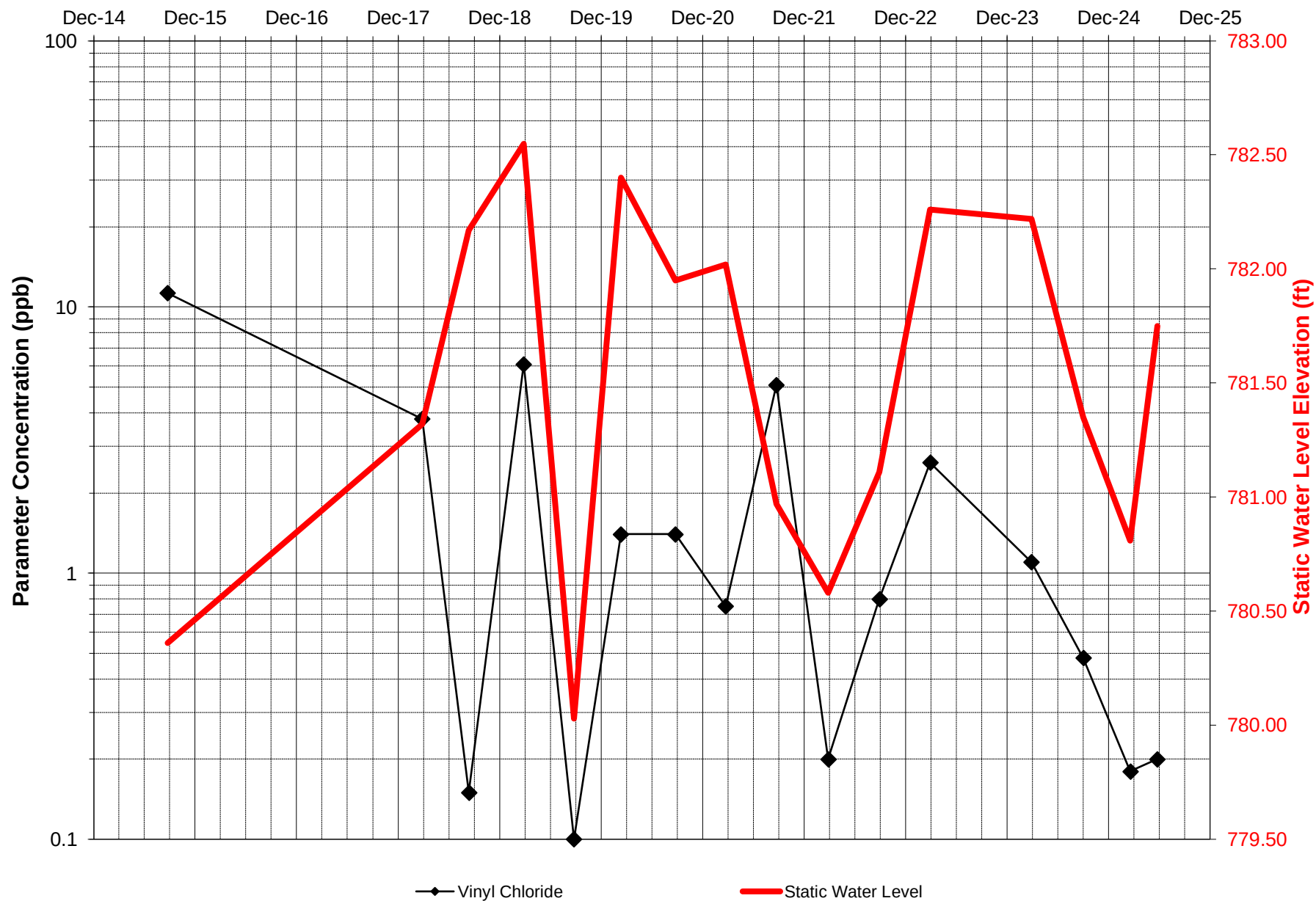
Denow Landfill - Well ID: MW-3B2



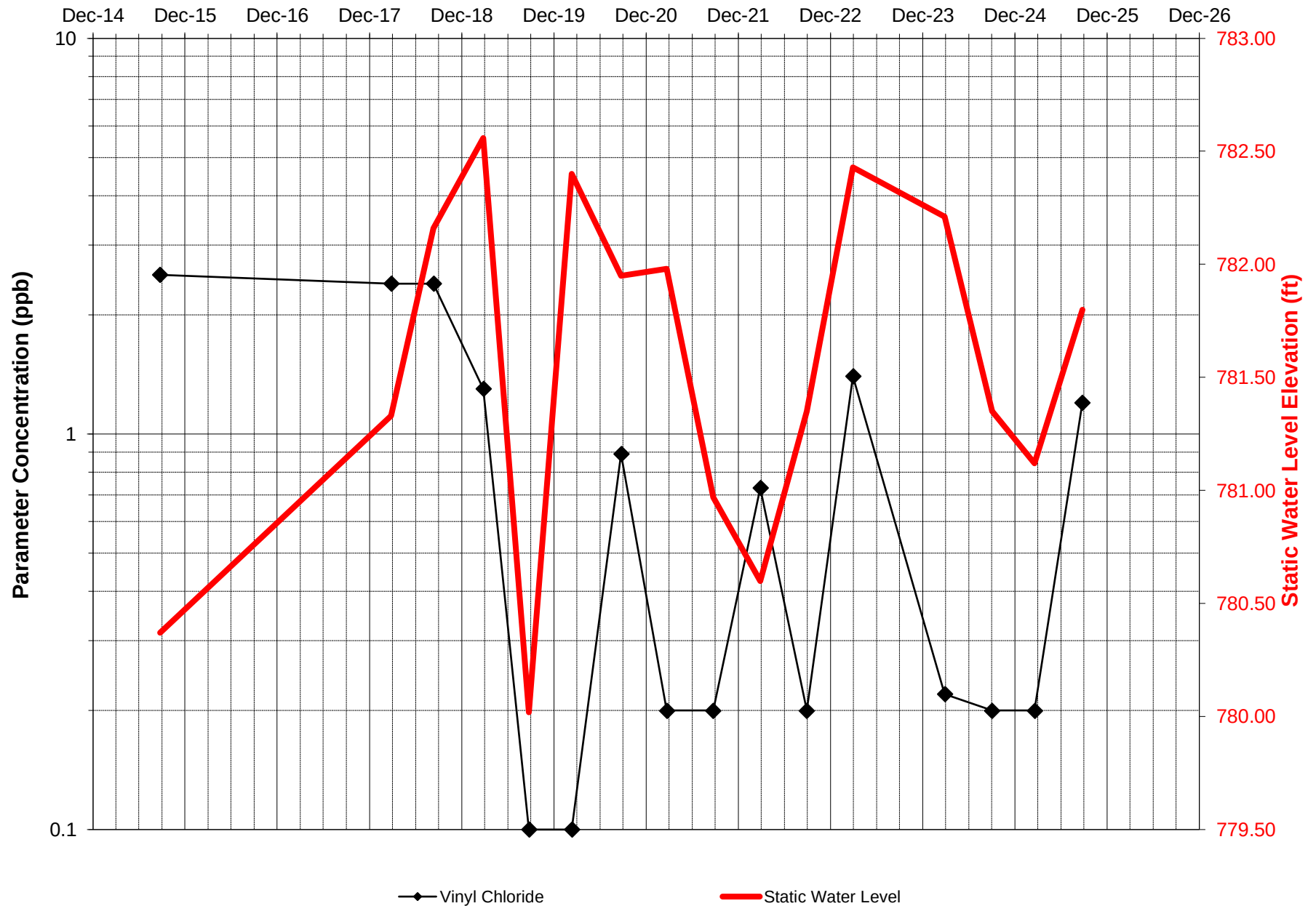
Denow Landfill - Well ID: MW-3D



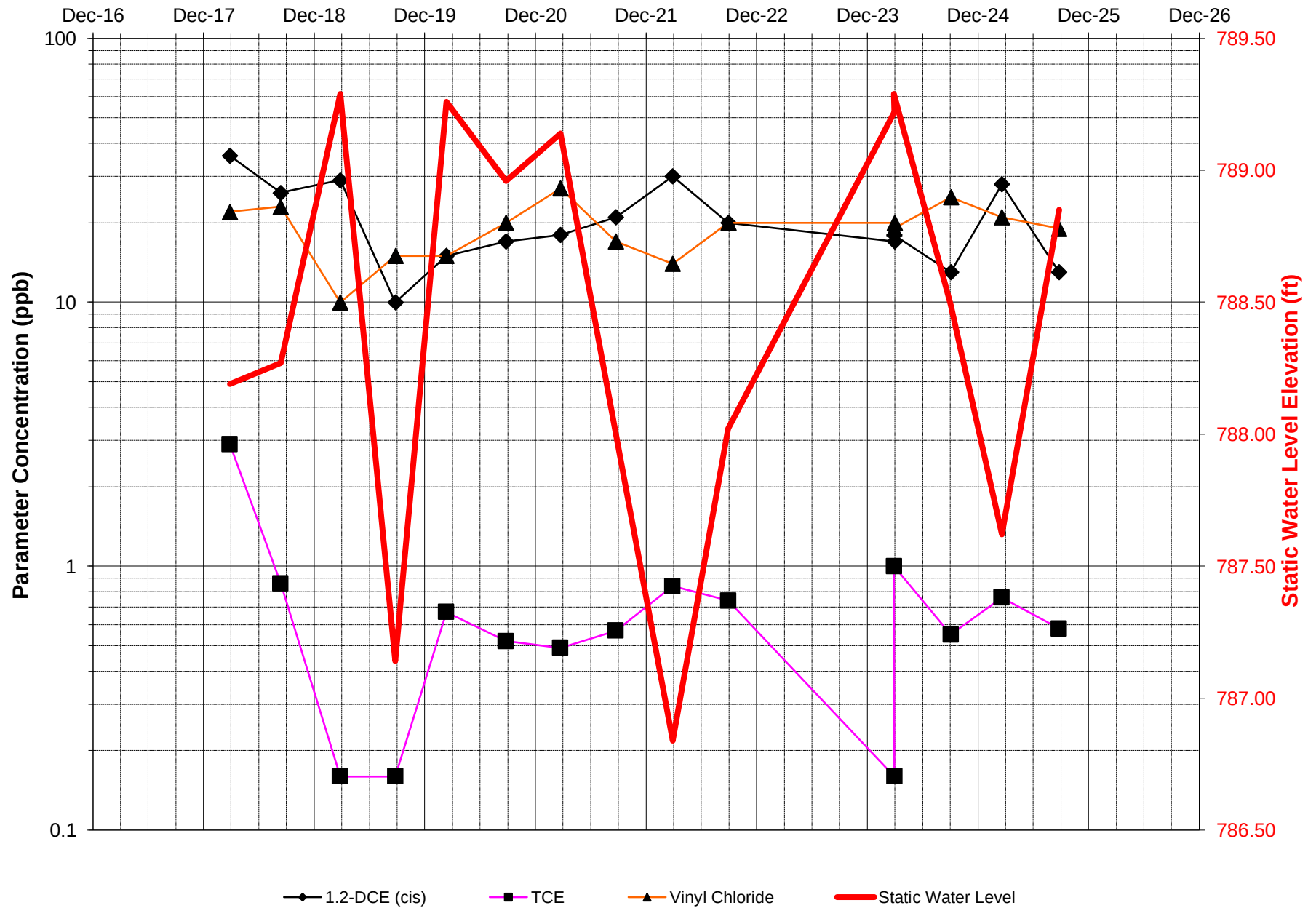
Denow Landfill - Well ID: MW-6B



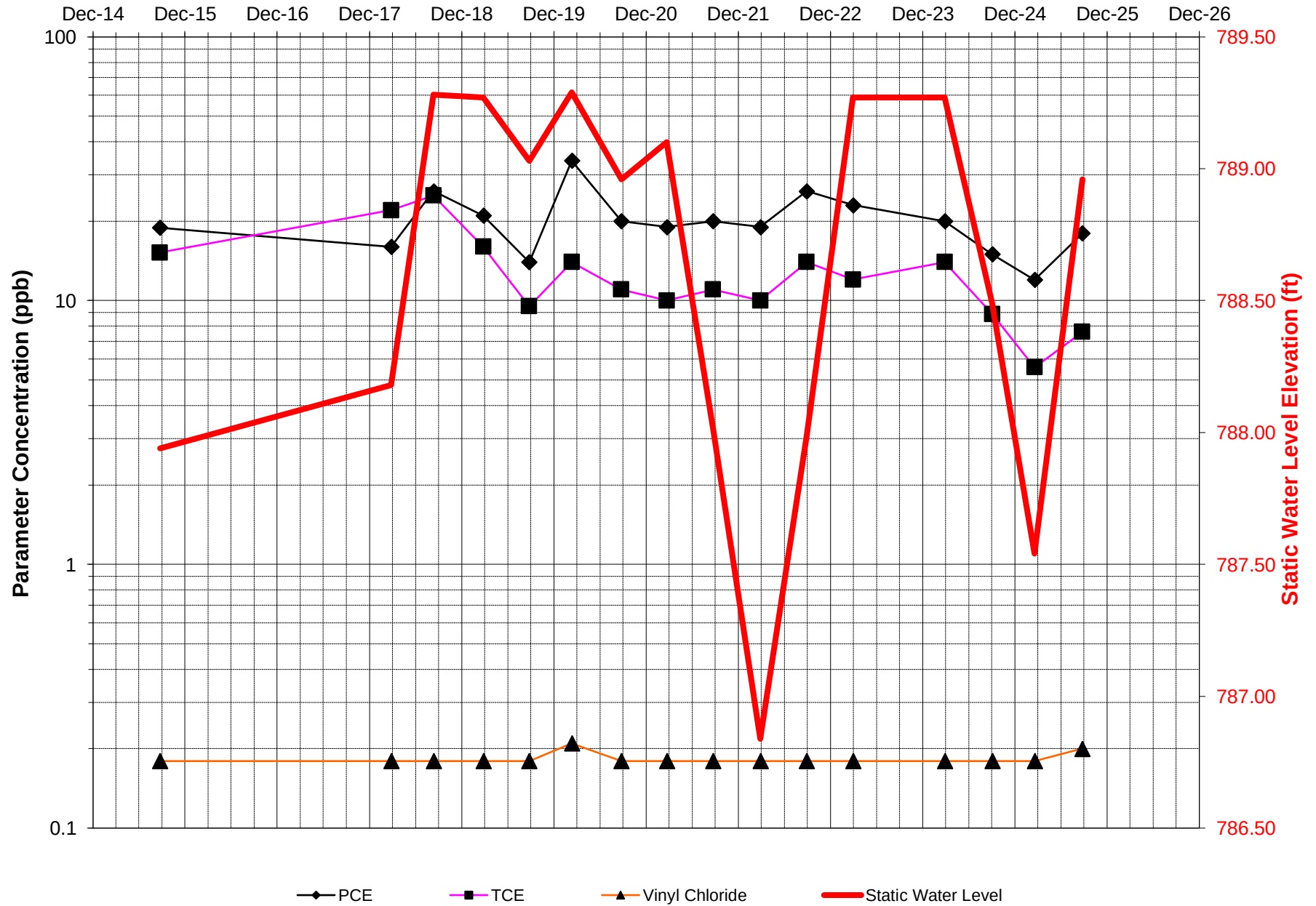
Denow Landfill - Well ID: MW-6D



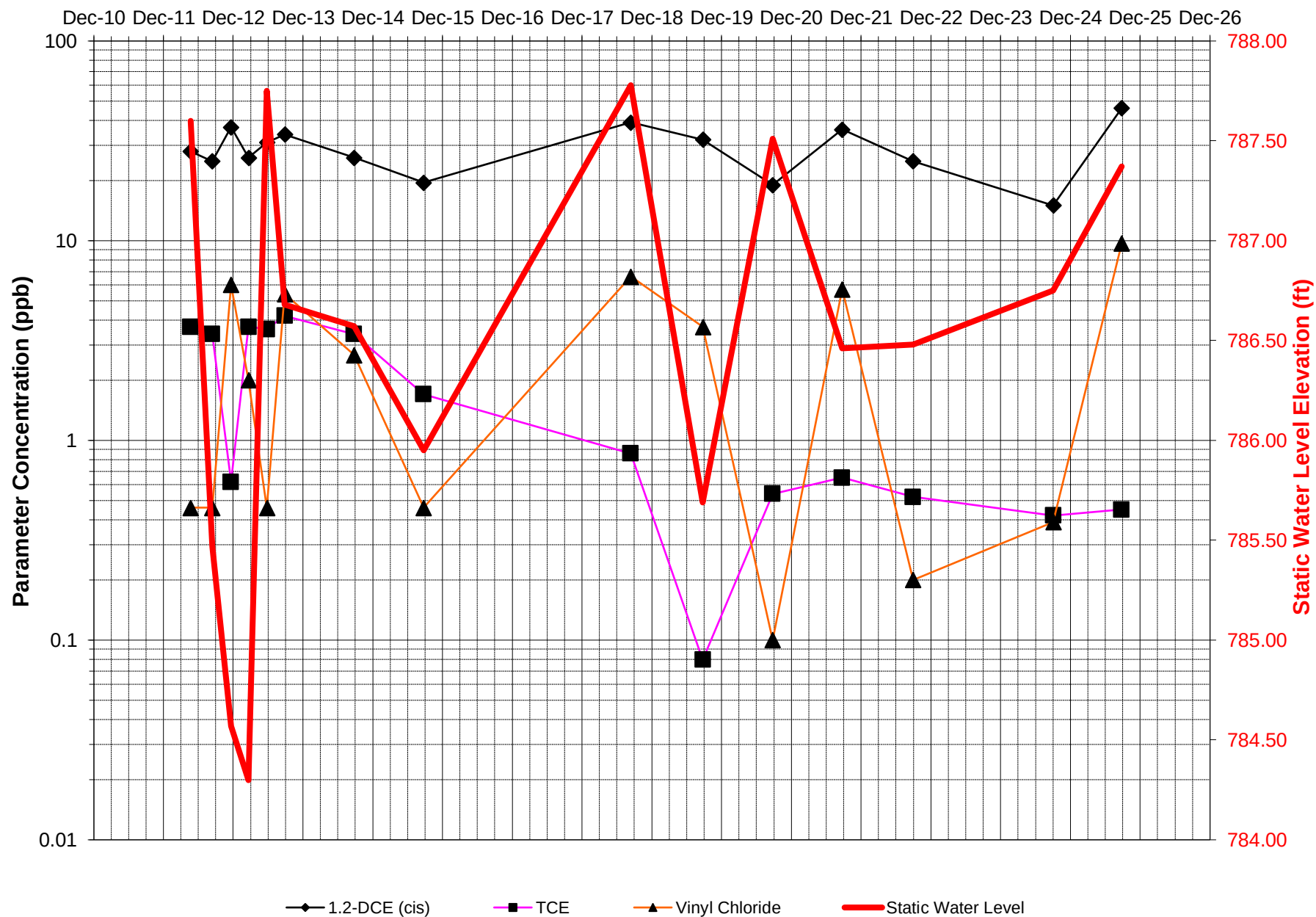
Denow Landfill - Well ID: MW-8B



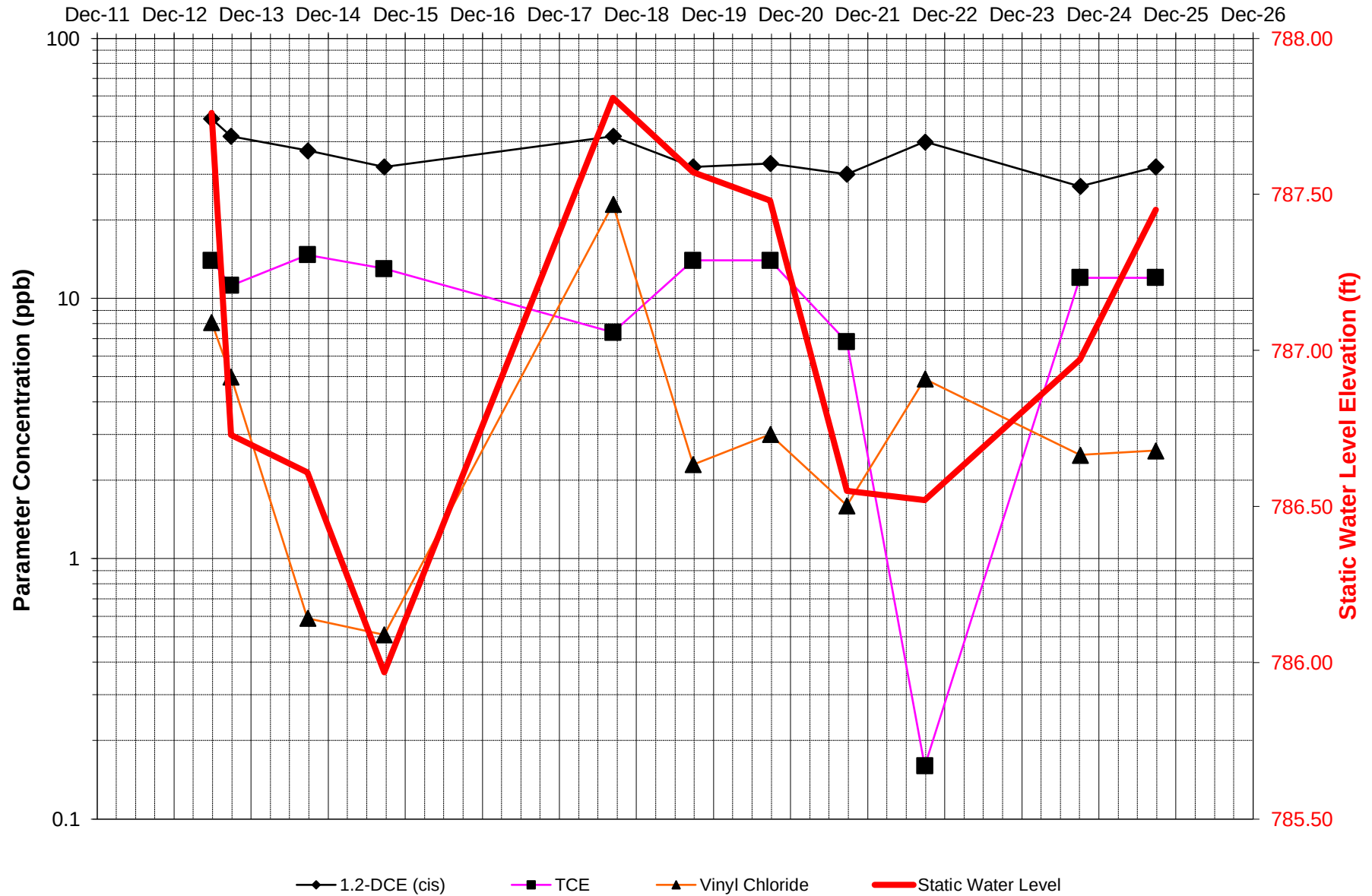
Denow Landfill - Well ID: MW-8S



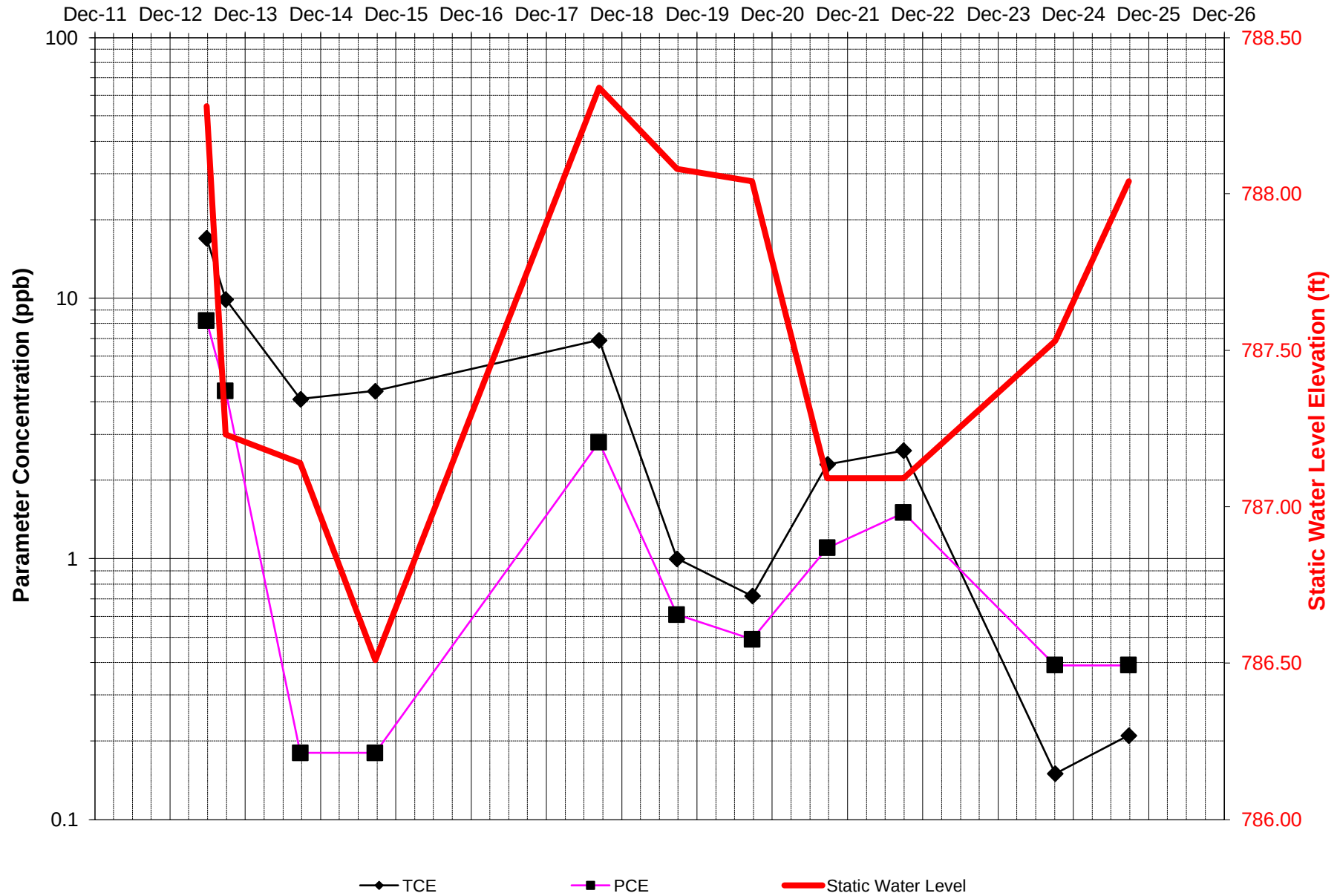
Denow Landfill - Well ID: MW-9B



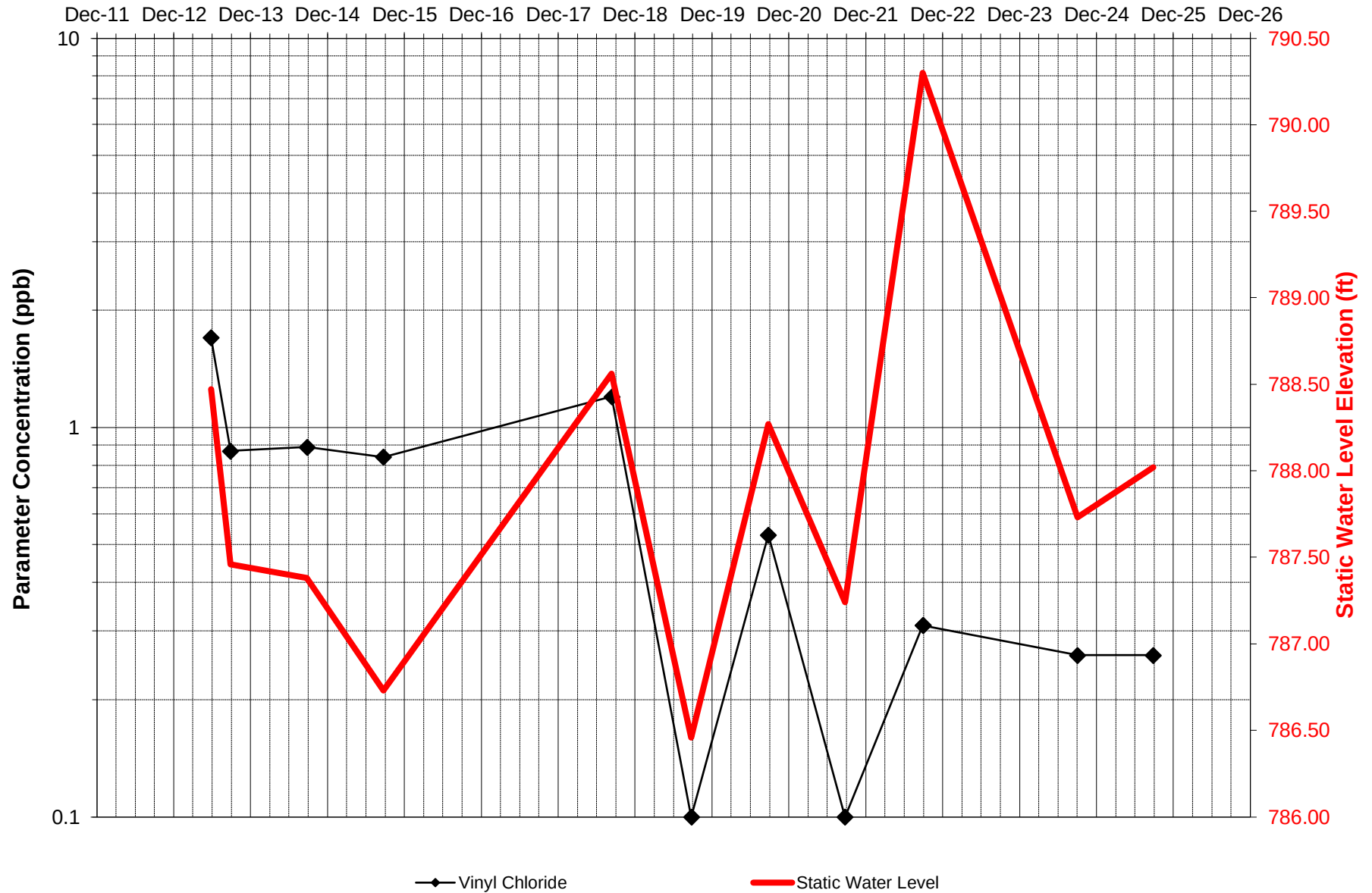
Denow Landfill - Well ID: MW-12B



Denow Landfill - Well ID: MW-12S



Denow Landfill - Well ID: MW-13B



Denow Landfill - Well ID: MW-13S



Appendix C Landfill Inspection Form



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Landfill Cap Maintenance Inspection Log

Denow Landfill Site

Grafton, Wisconsin

WDNR BRRTS #02-46-000735

[illegible]



Stantec is a global leader in sustainable architecture, engineering, and environmental consulting. The diverse perspectives of our partners and interested parties drive us to think beyond what's previously been done on critical issues like climate change, digital transformation, and future-proofing our cities and infrastructure. We innovate at the intersection of community, creativity, and client relationships to advance communities everywhere, so that together we can redefine what's possible.

